



Sardar Patel University Vallabh Vidyanagar

Research papers published in the Journals during 2016-2021

Title of the Paper	Name of Author	Department of the teacher	Name of journal	Year of publication	ISSN Number	Link to the recognition in UGC enlistment of the		
						Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC-CARE list/Scopus/Web of Science/Other, mention
An efficient and cost-effective method for DNA extraction from athalassohaline soil using a newly formulated cell extraction buffer	Narayan A., Jain K., Shah A.R., Madamwar D.	Department of BioScience	3 Biotech	2016	2190572X	https://www.springer.com/journal/13205		Scopus
A novel cyclodextrin glucanotransferase from an alkaliphile <i>Microbacterium terrae</i> KNR 9: purification and properties	Rajput K.N	Department of Microbiology and Biotechnology, University School of Sciences, Gujarat University	3 Biotech	2016	2190572X	https://www.springer.com/journal/13205	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006220582&doi=10.1007%2fs13205-016-0495-6&partnerID=40&md5=fc2d608fea6659f0c4ce791bfa4678e2	Scopus
	Patel K.C., Trivedi U.B.	Department of BioScience						

Humic Acid as a Sensitizer in Highly Stable Dye Solar Cells: Energy from an Abundant Natural Polymer Soil Component	Vekariya R.L., Sonigara K.K., Fadadu K.B., Vaghasiya J.V., Soni S.S.	Department of Chemistry	ACS Omega	2016	24701343	https://pubs.acs.org/journal/acsodf	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85022029121&doi=10.1021%2facsomega.6b00010&partnerID=40&md5=5d24880028a264fb62985dd2ec5f41f4	Scopus
Multipliers of perturbed Cartesian products with an application to BSE-property	Dabhi P.A.	Department of Mathematics	Acta Mathematica Hungarica	2016	2365294	https://www.springer.com/journal/10474	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962018263&doi=10.1007%2fs10474-016-0604-3&partnerID=40&md5=1f8a0726d956609f62c082c5cfa935a	Scopus
Temperature dependence of refractive index of $\text{Al}_x\text{Ga}_{1-x}\text{N}$ semiconductors	Vyas P.S., Jivani A.R., Baria J.K.	Department of Physics, VP and RPTP Science College, Vallabh Vidyanagar	Advanced Science Letters	2016	19366612	http://www.aspbs.com/science.htm (Not working)	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013387779&doi=10.1166%2fasl.2016.8052&partnerID=40&md5=61859fccf49135d2424204f994864991	Scopus
	Jani A.R.	Department of Physics						

Generalized einstein-model for high- t, p thermal properties of al crystal	Bhatt N.K.	Department of Physics	Advanced Science Letters	2016	19366612	http://www.aspbs.com/science.htm (Not working)	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013367901&doi=10.1166%2fasl.2016.8051&partnerID=40&md5=a89bcb1df2cca5ae02c864005e2088dd	Scopus
	Vyas P.R.	Department of Physics, School of Sciences, Gujarat University						
An axially symmetric spacetime filled with an anisotropic fluid	Hasmani A.H.	Department of Mathematics	Advanced Studies in Theoretical Physics	2016	13131311	http://www.m-hikari.com/astp/index.html	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84965076015&doi=10.12988%2fastp.2016.628&partnerID=40&md5=d0d9e35c2a3cfa69729609980141ad77	Scopus
	Patel B.N.	Department of Applied Science and Humanities, G. H. Patel College of Engineering and Technology, Vallabh Vidyanagar						

Detection of criminally convicted email users by behavioral dissimilarity	Mahmud M.	Department of Computer Science, ALMAAREFA Colleges of Science and Technology (MCST), Riyadh, Saudi Arabia	Advances in Intelligent Systems and Computing	2016	21945357	https://www.springer.com/series/11156	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84951873418&doi=10.1007%2f978-3-319-27400-3_38&partnerID=40&md5=fd16ba854e72cf9536450a709000a6d	Scopus
	Pathak P., Pathak V.	Department of Computer Science, Sardar Patel University						
	Afridi Z.	Department of Public Administration, Kenshu Institute of VU, Virtual University of Pakistan						
Performance of a Ferrofluid Based Rough Parallel Plate Slider Bearing: A Comparison of Three Magnetic Fluid Flow Models	Patel J.R., Deheri G.M.	Department of Mathematics	Advances in Tribology	2016	16875915	https://www.hindawi.com/journals/at/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84971492706&doi=10.1155%2f2016%2f8197160&partnerID=40&md5=1d782160e859a64acc192f9b9cbfdffa	Scopus

Growth and microtopographic study of CuInSe ₂ single crystals	Chauhan S.M., Chaki S., Tailor J.P., Deshpande M.P.	Department of Physics	AIP Conference Proceedings	2016	0094243X	https://aip.scitation.org/journal/apc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984567398&doi=10.1063%2f1.4948014&partnerID=40&md5=a6c08f59278ad090141049c4cca8872c	Scopus
Comparative study of glycine single crystals with additive of potassium nitrate in different concentration ratios	Gujarati V.P., Deshpande M.P., Patel K.R., Chaki S.H.	Department of Physics	AIP Conference Proceedings	2016	0094243X	https://aip.scitation.org/journal/apc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984590450&doi=10.1063%2f1.4946522&partnerID=40&md5=c2125a31289eeaaf451559d6c8a291f5	Scopus
Growth and surface topography of WSe ₂ single crystal	Dixit V., Vyas C., Pataniya P., Jani M., Pathak V., Patel A., Pathak V.M., Patel K.D., Solanki G.K.	Department of Physics	AIP Conference Proceedings	2016	0094243X	https://aip.scitation.org/journal/apc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984589202&doi=10.1063%2f1.4946684&partnerID=40&md5=f8d8811d78a6aa50d13fdc059f4fe16a	Scopus
A quantitative analysis of weak intermolecular interactions & quantum chemical calculations (DFT) of novel chalcone derivatives	Chavda B.R., Dubey R.P., Patel U.H.,	Department of Physics	AIP Conference Proceedings	2016	0094243X	https://aip.scitation.org/journal/apc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984588893&doi=10.1063%2f1.4946302&partnerID=40&md5=79486a1a5e058526d3daeface42a00b	Scopus

	Gandhi S.A.	Bhavan's Shri I.L. Pandya Arts-Science, Smt. J.M. Shah Commerce College, Dakar						
	Barot V.M.	P. G. Center in Chemistry, Smt. S. M. Panchal Science College, Talod						
DFT study and Hirshfeld surface analysis of third polymorph of sulfamerazine	Patel M.K.	Government Engineering College, Modasa	AIP Conference Proceedings	2016	0094243X	https://aip.scitation.org/journal/apc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984588870&doi=10.1063%2f1.4946308&partnerID=40&md5=d232a97917c8af9183d997fcee4eabe7	Scopus
	Tailor S.M., Patel U.H.	Department of Physics						
Thermal and mechanical behavior of flame retardant epoxy-polyesterurethane blends	Patel R.H., Hirani A.V., Kachhia P.H.	Department of Material Science	AIP Conference Proceedings	2016	0094243X	https://aip.scitation.org/journal/apc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984588830&doi=10.1063%2f1.4946293&partnerID=40&md5=52944a36badf1e6076dff8551f184ad6	Scopus

Hexaquark states as possible candidates for di-baryonic molecular states with Yukawa potential in a semi-relativistic scheme	Patel S.J., Vinodkumar P.C.	Department of Physics	AIP Conference Proceedings	2016	0094243X	https://aip.scitation.org/journal/apc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984580612&doi=10.1063%2f1.4946248&partnerID=40&md5=4629d28a89cf68c5c71047bf8006e267	Scopus
Excited state mass spectra of $\bar{D}^* c +$ baryon	Shah Z.	Department of Applied Physics, SVNIT, Ichchhanath, Sura	AIP Conference Proceedings	2016	0094243X	https://aip.scitation.org/journal/apc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984577976&doi=10.1063%2f1.4946147&partnerID=40&md5=1233293219ecd8f4c88b9d51dcb75123	Scopus
	Thakkar K	Department of Sciences and Humanities, GIDC Degree Engineering College, Abrama, Navsari						
	Rai A.K	Department of Applied Physics, SVNIT, Ichchhanath, Surat						
	Vinodkumar P.C.	Department of Physics, Sardar Patel University, V.V. Nagar						

The study of structural phase transitions and static properties using transition metal model pseudopotential (TMMP) for Ca and Sr	Rakhecha S., Vyas P.R., Gohel V.B.	Department of Physics, School of Sciences, Gujarat University, Ahmedabad	AIP Conference Proceedings	2016	0094243X	https://aip.scitation.org/journal/apc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984573483&doi=10.1063%2f1.4946286&partnerID=40&md5=c43b86818de74104db039385f8a0b2c5	Scopus
	Bhatt N.K.	Department of Physics						
ZnO/CdS bi-layer nanostructures photoelectrode for dye-sensitized solar cells	Dalal P.V.,	Physics Research Lab, Shri V. S. Naik Arts, Commerce and Science College, Raver	AIP Conference Proceedings	2016	0094243X	https://aip.scitation.org/journal/apc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984552606&doi=10.1063%2f1.4946274&partnerID=40&md5=65eb297e377bea447523af1dfe6f9b20	Scopus
	Deshpande M.P.	Department of Physics						
	Solanki B.G., Soni S.S.	Department of Chemistry						
Thermal decomposition study of Mn doped Fe ₃ O ₄ nanoparticles	Malek T.J., Chaki S.H., Deshpande M.P.	Department of Physics	AIP Conference Proceedings	2016	0094243X	https://aip.scitation.org/journal/apc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984549342&doi=10.1063%2f1.4946441&partnerID=40&md5=23a80aefbdf1f9b73503fc413b96f0de	Scopus
	Tailor J.P.	Applied Physics Department, S.V.N.I.T., Surat						

Studies on non-oxide coating on carbon fibers using plasma enhanced chemical vapor deposition technique	Patel R.H., Sharma S., Prajapati K.K., Vyas M.M., Batra N.M.	Department of Material Science	AIP Conference Proceedings	2016	0094243X	https://aip.scitation.org/journal/apc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984548366&doi=10.1063%2f1.4946531&partnerID=40&md5=94e3448246643c26550eb806bf8105f7	Scopus
Studies on natural fiber reinforced polymer matrix composites	Patel R.H., Kapatel P.M., Machchhar A.D., Kapatel Y.A.	Department of Material Science	AIP Conference Proceedings	2016	0094243X	https://aip.scitation.org/journal/apc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984539691&doi=10.1063%2f1.4946284&partnerID=40&md5=0680495e2acc130689a8879c7755d2f6	Scopus
Phonons in binary glass Cu ₆₅ Zr ₃₅	Khambholja S.G.,	Department of Science and Humanities, B. and B. Institute of Technology, Vallabh Vidyanagar	AIP Conference Proceedings	2016	0094243X	https://aip.scitation.org/journal/apc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984538891&doi=10.1063%2f1.4946253&partnerID=40&md5=764a608a3e77ce1bf4b32d2331f2fc83	Scopus
	Ladva A.L.	Department of Physics, Shree DKC Arts and Science College, Jamnagar						
	Thakore B.Y.	Department of Physics						

Photoluminescence study of Mn doped ZnS nanoparticles prepared by co-precipitation method	Deshpande M.P., Patel K., Gujarati V.P., Chaki S.H.	Department of Physics	AIP Conference Proceedings	2016	0094243X	https://aip.scitation.org/journal/apc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984538811&doi=10.1063%2f1.4946457&partnerID=40&md5=7490219c66b6750e62d858b15c0adf28	Scopus
Spectroscopic and thermogravimetric study of nickel sulfaquinoxaline complex	Tailor S.M., Patel U.H.	Department of Physics	AIP Conference Proceedings	2016	0094243X	https://aip.scitation.org/journal/apc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984538605&doi=10.1063%2f1.4946297&partnerID=40&md5=750cb0cf285a609c724f9dc6e25f4935	Scopus
Properties of glass/carbon fiber reinforced epoxy hybrid polymer composites	Patel R.H., Sevani V.R., Patel B.R., Patel V.B.	Department of Material Science	AIP Conference Proceedings	2016	0094243X	https://aip.scitation.org/journal/apc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984535713&doi=10.1063%2f1.4946289&partnerID=40&md5=a47327e1ad4349fdf060f813626d2054	Scopus
Electron impact ionization in plasma technologies; Studies on atomic boron and BN molecule	Joshi F.M.	G H Patel College of Engineering and Technology, Vallabh Vidyanagar	AIP Conference Proceedings	2016	0094243X	https://aip.scitation.org/journal/apc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984533437&doi=10.1063%2f1.4946237&partnerID=40&md5=99e42eea8992b3585c3927a6bb2a34d3	Scopus

	Joshi K.N.	Department of Physics						
	Chaudhari A.S.	G. D. Higher Secondary School, Visnagar						
Characterization and antioxidant functions of mycosporine-like amino acids in the cyanobacterium <i>Nostoc</i> sp. R76DM	Rastogi R.P.;	Laboratory of Cyanobacterial Biotechnology, Department of Biochemistry, Faculty of Science, Chulalongkorn University, Bangkok	Algal Research	2016	22119264	https://www.journals.elsevier.com/algal-research	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960091200&doi=10.1016%2fj.algal.2016.03.009&partnerID=40&md5=b10e216172b109530bf9f5c95870c75f	Scopus
	Sonani R.R., Madamwar D	Department of BioScience						
Microaerophilic Symmetric Reductive Cleavage of Reactive Azo Dye "Remazole Brilliant Violet 5R by Consortium VIE6: Community Synergism	Shah B., Jain K., Jiyani H., Madamwar D.	Department of BioScience	Applied Biochemistry and Biotechnology	2016	2732289	https://www.springer.com/journal/12010	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84973647712&doi=10.1007%2fs12010-016-2150-4&partnerID=40&md5=aa1f8fb1ca7bb52d504b5d970c8670aa	Scopus
	Mohan V.	Bioengineering and Environmental Centre (BEEC), CSIR-Indian Institute of Chemical Technology (CSIR-IICT), Hyderabad						

Treatment of Common Effluent Treatment Plant Wastewater in a Sequential Anoxic/Oxic Batch Reactor by Developed Bacterial Consortium VN11	Chattaraj S., Madamwar D.	Department of BioScience	Applied Biochemistry and Biotechnology	2016	2732289	https://www.springer.com/journal/12010	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959374965&doi=10.1007%2fs12010-016-2010-2&partnerID=40&md5=6b2469b59278cf934344c9317cb07f6b	Scopus
	Purohit H.J; Sharma A	Environmental Genomics Division, CSIR-NEERI, Nehru Marg, Nagpur						
	Jadeja N.B	Environmental Biotechnology Division, CSIR- NEERI, Nehru Marg, Nagpur						
Zinc Oxide Nanoparticles Supported Lipase Immobilization for Biotransformation in Organic Solvents: A Facile Synthesis of Geranyl Acetate, Effect of Operative Variables and Kinetic Study	Patel V., Shah C., Madamwar D.	Department of BioScience	Applied Biochemistry and Biotechnology	2016	2732289	https://www.springer.com/journal/12010	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953374674&doi=10.1007%2fs12010-015-1972-9&partnerID=40&md5=d59a7cf8b551827183414ddf37666e33	Scopus
	Deshpande M	Department of Physics						

Removal of some most hazardous cationic dyes using novel poly (NIPAAm/AA/N-allylisatin) nanohydrogel	Mahida V.P., Patel M.P.	Department of Chemistry	Arabian Journal of Chemistry	2016	18785352	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903329348&doi=10.1016%2fj.arabjc.2014.05.016&partnerID=40&md5=8550d53cb3ece51bd02f08a4337ea70a	Scopus
Phyostimulatory effect of indole-3-acetic acid by Enterobacter cloacae SN19 isolated from Teramnus labialis (L. f.) Spreng rhizosphere	Bose A., Kher M., Nataraj M., Keharia H.	Department of BioScience	Biocatalysis and Agricultural Biotechnology	2016	18788181	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961245706&doi=10.1016%2fj.bcab.2016.03.005&partnerID=40&md5=e445c0c91dd3d305002aa1f8a1b2d0ba	Scopus
Insight on xylanase from Aspergillus tubingensis FDHN1: Production, high yielding recovery optimization through statistical approach and application	Adhyaru D.N., Bhatt N.S.,	P.G. Department of Microbiology, Gujarat Vidyapeeth, Sadra	Biocatalysis and Agricultural Biotechnology	2016	18788181	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960382145&doi=10.1016%2fj.bcab.2016.01.014&partnerID=40&md5=1396df37bac240ad71c417b4ff068aad	Scopus
	Modi H.A.,	Department of Life Sciences, School of Sciences, Gujarat University, Ahmadabad					
	Divecha J.	Department of Statistics					

Bacillus species (BT42) isolated from Coffea arabica L. rhizosphere antagonizes Colletotrichum gloeosporioides and Fusarium oxysporum and also exhibits multiple plant growth promoting activity	Kejela T.,	Department of Biology, Faculty of Natural and Computational Sciences, Mettu University, Mettu, Ethiopia	BMC Microbiology	2016	14712180	https://bmcmicrobiol.biomedcentral.com/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995698721&doi=10.1186%2fs12866-016-0897-y&partnerID=40&md5=2456834afd92fe39384f51cead28230a	Scopus
	Thakkar V.R., Thakor P.	Department of BioScience						
Response and resilience of soil microbial communities inhabiting in edible oil stress/contamination from industrial estates	Patel V., Lal R., Madamwar D.	Department of BioScience	BMC Microbiology	2016	14712180	https://bmcmicrobiol.biomedcentral.com/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962430654&doi=10.1186%2fs12866-016-0669-8&partnerID=40&md5=005d20ffa159b1ffac69ea7c0a2fef45	Scopus
	Sharma A.,	Department of Zoology, University of Delhi, Delhi						
	Al-Dhabi N.A	Department of Botany and Microbiology, Addiriya Chair for Environmental Studies, College of Science, King Saud University						

Study of structural, electrical, and optical properties of nickel-doped tin selenide crystals	Solanki G.K., Chauhan I.L., Patel K.D.	Department of Physics	Canadian Journal of Physics	2016	84204	https://cdnsiencepub.com/journal/cjp	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85031323129&doi=10.1139%2fcjp-2015-0279&partnerID=40&md5=11bf9e320fd99bdcd33f9b05aaa100b3	Scopus
In vitro - In vivo metabolism and pharmacokinetics of picoside i and II using LC-ESI-MS method	Upadhyay D., Anandjiwala S., ,	Department of Natural Products, National Institute of Pharmaceutical Education and Research (NIPER)- Ahmedabad, S. G. Highway, Ahmedabad	Chemico- Biological Interactions	2016	92797	https://www.journals.elsevier.com/chemico-biological-interactions	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84974528576&doi=10.1016%2fj.cbi.2016.05.031&partnerID=40&md5=ae4e75e4f3abfd74c49c3a75838fbf83	Scopus
	Padh H.	Department of Pharmaceutical Science						
	Nivsarkar M.	B. V. Patel Pharmaceutical Education and Research Development (PERD) Centre, S. G. Highway, Ahmedabad						

Design of Multifunctional IridiumIII Compounds as a Potential Therapeutic Agents from Basic Molecular Scaffolds	Gajera S.B., Mehta J.V., Patel M.N.	Department of Chemistry	ChemistrySelect	2016	23656549	https://chemistry-europe.onlinelibrary.wiley.com/journal/23656549	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041959352&doi=10.1002%2fslct.201600882&partnerID=40&md5=ad353d9dea91478f1770afd7b9bd5ddf	Scopus
Superabsorbent amphoteric nanohydrogels: Synthesis, characterization and dyes adsorption studies	Mahida V.P., Patel M.P.	Department of Chemistry	Chinese Chemical Letters	2016	10018417	https://www.journals.elsevier.com/chinese-chemical-letters	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960277728&doi=10.1016%2fj.cclet.2015.12.015&partnerID=40&md5=4a07f539ce957eafbf6282033848f6e2	Scopus
PS-TBD triggered general protocol for the synthesis of 4H-chromene, pyrano[4,3-b]pyran and pyrano[3,2-c]chromene derivatives of 1H-pyrazole and their biological activities	Vala N.D., Jardosh H.H., Patel M.P.	Department of Chemistry	Chinese Chemical Letters	2016	10018417	https://www.journals.elsevier.com/chinese-chemical-letters	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84955189511&doi=10.1016%2fj.cclet.2015.09.020&partnerID=40&md5=be77e26a7dee3fbde3aed70a4690c51e	Scopus
Spectroscopy and decay properties of $\bar{t}b$, $\bar{t}b$ baryons in quark-diquark model	Majethiya A.,	V S Patel College of Arts and Science, Bilimora	Chinese Journal of Physics	2016	5779073	https://www.journals.elsevier.com/chinese-journal-of-physics	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988484730&doi=10.1016%2fj.cjph.2016.06.008&partnerID=40&md5=221092793a7443bb442e8c38ddfa3221	Scopus

	Thakkar K.	Department of Applied Sciences and Humanities, GIDC Degree Engineering College, Abrama, Navsari						
	Vinodkumar P.C.	Department of Physics						
Thermophysical properties of iridium at finite temperature	Kumar P.	Department of Science, Government Polytechnic, Gandhinagar	Chinese Physics B	2016	16741056	https://iopscience.iop.org/journal/1674-1056	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995906319&doi=10.1088%2f1674-1056%2f25%2f11%2f116401&partnerID=40&md5=4867682b4384e26f33f8faee1ccb59c5	Scopus
	Bhatt N.K., Vyas P.R., Gohel V.B.	Department of Physics						
Mass spectra and Regge trajectories of Σ^+ , Σ^0 , Σ^- and Λ^0 baryons	Shah Z.	Department of Applied Physics, Sardar Vallabhbhai National Institute of Technology, Gujarat, Surat	Chinese Physics C	2016	16741137	https://iopscience.iop.org/journal/1674-1137	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006416195&doi=10.1088%2f1674-1137%2f40%2f12%2f123102&partnerID=40&md5=10b5ba41e7653ae5339a3c4722e3222a	Scopus

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	Rai A.K.	Department of Applied Physics, Sardar Vallabhbhai National Institute of Technology, Gujarat, Surat						
	Vinodkumar P.C.	Department of Physics						
Decay rates of charmonia within a quark-antiquark confining potential	Patel S., Vinodkumar P.C.,	Department of Physics	Chinese Physics C	2016	16741137	https://iopscience.iop.org/journal/1674-1137	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84971491664&doi=10.1088%2f1674-1137%2f40%2f5%2f053102&partnerID=40&md5=cdb2c900f0d4d0da466f3304db193b43	Scopus
	Bhatnagar S.	Department of Physics, Addis Ababa University						

On an intrinsic characterization of self-adjoint C^* -segal algebras	Bhatt S.J., Dabhi P.A.	Department of Mathematics	Colloquium Mathematicum	2016	101354	https://www.impan.pl/en/publishing-house/journals-and-series/colloquium-mathematicum	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989227622&doi=10.4064%2fcm6774-4-2016&partnerID=40&md5=7d0cee7da4a45ffe93b27286246f7af7	Scopus
Simultaneous Detection and Quantification of Phytohormones by a Sensitive Method of Separation in Culture of Pseudomonas sp.	Patel R.R., Thakkar V.R., Subramanian R.B.	Department of BioScience	Current Microbiology	2016	3438651	https://www.springer.com/journal/284	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959172881&doi=10.1007%2fs00284-016-1012-1&partnerID=40&md5=9ad4687e968af82d8d1fbd70251511b1	Scopus
Analysis of community structure and species richness of protozoa-enriched rumen metagenome from Indian Surti by shotgun sequencing	Shah R.K.	Department of BioScience	Current Science	2016	113891	https://www.currentscience.ac.in/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990932610&doi=10.18520%2fcs%2fv111%2fi1%2f184-191&partnerID=40&md5=e3bf280d9084d6223803867daab7f421	Scopus

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Development of a cerium-doped lanthanum bromide gamma-ray spectrometer for planetary missions and feasibility studies for determination of elemental abundances of radioactive elements (Th, K and U)	Panda D.K., Banerjee D., Goyal S.K., Patel A.R., Shukla A.D.	Department of Physics	Current Science	2016	113891	https://www.currentscience.ac.in/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84973401386&doi=10.18520%2fcs%2fv110%2fi11%2f2135-2138&partnerID=40&md5=0aad245432d4af25f06e3e4aef1e21db	Scopus
Synthesis, characterization and antimicrobial evaluation of dicoumarinyl substituted pyrazolyl pyridines	Kundaliya K.N., Chovatiya Y.L., Patel N.H., Brahmabhatt D.I.	Department of Chemistry	Der Pharma Chemica	2016	0975413X	https://www.derpharmachemica.com/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995920280&partnerID=40&md5=e2c52470d429783362f0c647e5a4e0ed	Scopus
Synthesis, characterization and antimicrobial evaluation of some new styryl bipyridinyl substituted coumarins	Patel N.J., Kundaliya K.N., Patel D.S., Brahmabhatt D.I.	Department of Chemistry	Der Pharma Chemica	2016	0975413X	https://www.derpharmachemica.com/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991744582&partnerID=40&md5=d13f64e483248b6522c8da1348f060ff	Scopus

Biotransformation of mixture of dyes by enriched bacterial consortium ASD	Chattaraj S., Johnson J., Madamwar D.	Department of BioScience	Desalination and Water Treatment	2016	19443994	https://www.deswater.com/home.php	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84950155846&doi=10.1080%2f19443994.2015.1124345&partnerID=40&md5=0e71191f750fa00fafa92dc6d6c85466	Scopus
Removal of heavy metal ions from aqueous solution by superabsorbent poly (NIPAAm/DAPB/AA) amphoteric nanohydrogel	Mahida V.P., Patel M.P.	Department of Chemistry	Desalination and Water Treatment	2016	19443994	https://www.deswater.com/home.php	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84935491013&doi=10.1080%2f19443994.2015.1060171&partnerID=40&md5=218fc560207eabcc169db553f7f1e5b1	Scopus
Beyond just being foot soldiers – osmotin like protein (OLP) and chitinase (Chi11) genes act as sentinels to confront salt, drought, and fungal stress tolerance in tomato	Kumar S.A., Kumari P.H., Jawahar G.;Prashanth S.	Department of Genetics, Osmania University, Hyderabad	Environmental and Experimental Botany	2016	988472	https://www.journals.elsevier.com/environmental-and-experimental-botany	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983514564&doi=10.1016%2fj.envexbot.2016.08.007&partnerID=40&md5=5271b9e794c8e03ed6a9ef21730d28e9	Scopus
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	Katam R., .,	Department of Biological Sciences, Florida A&M University, Tallahassee, FL						
	Sivan P., Rao K.S	Department of Bioscience						
	Kirti P.B.	Department of Plant Sciences, School of Life Sciences, University of Hyderabad, Hyderabad						
	Kishor P.B.K.	Department of Genetics, Osmania University, Hyderabad						
Kinetic Modeling and Community Dynamics of Microaerophilic Treatment of Textile Dyes Containing Effluent by Consortium VIE6	Shah B., Patel A., Madamwar D.	Department of Bioscience	Environmental Processes	2016	21987491	https://www.springer.com/journal/40710	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969769875&doi=10.1007%2fs40710-016-0156-0&partnerID=40&md5=1c5be24e60410b17e91e7c1781178632	Scopus
Enhanced catalysis of l-asparaginase from Bacillus licheniformis by a rational redesign	Sudhir A.P., Agarwal V.V., Dave B.R., Subramanian R.B.	Department of Bioscience	Enzyme and Microbial Technology	2016	1410229	https://www.journals.elsevier.com/enzyme-and-microbial-technology	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84955607605&doi=10.1016%2fj.enzmictec.2015.11.010&partnerID=40&md5=ee7eff8c731ec4b1641fe429a16e5e4f	Scopus

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Novel morpholinoquinoline nucleus clubbed with pyrazoline scaffolds: Synthesis, antibacterial, antitubercular and antimalarial activities	Karad S.C., Purohit V.B., , Raval D.K.	Department of Chemistry	European Journal of Medicinal Chemistry	2016	2235234	https://www.journals.elsevier.com/european-journal-of-medicinal-chemistry	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964299714&doi=10.1016%2fj.ejmec.2016.02.016&partnerID=40&md5=0c74c5280941b0387c732691d47bf16a	Scopus
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	Khunt D., Misra M.	Department of Pharmaceutical Science, NIPER-Ahmedabad						

Feasibility studies of time-like proton electromagnetic form factors at $P \Lambda^-$ ANDA at FAIR	Vinodkumar P.C.	Department of Physics	European Physical Journal A	2016	1434-601X	https://www.springer.com/journal/10050	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84993939933&doi=10.1140%2fepja%2fi2016-16325-5&partnerID=40&md5=4e99af1bba4ca7d44c5dcbda3253e62f	Scopus
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Excited state mass spectra of singly charmed baryons	Shah Z., Kumar Rai A.,	Department of Applied Physics, Sardar Vallabhbhai National Institute of Technology, Surat	European Physical Journal A	2016	14346001	https://www.springer.com/journal/10050	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991383939&doi=10.1140%2fepja%2fi2016-16313-9&partnerID=40&md5=8eacac33e88eb8e81f25bfb9a62d3dba	Scopus
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Thermodynamic properties of rhodium at high temperature and pressure by using mean field potential approach	Kumar P.,	Department of Science, Government Polytechnic, 382024, Gandhinagar	European Physical Journal B	2016	14346028	https://www.springer.com/journal/10051	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990945060&doi=10.1140%2fepjb%2fe2016-70367-0&partnerID=40&md5=86b8cdba51056c34c35af560d8e688b4	Scopus
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Tetraquark states in the bottom sector and the status of the Yb (10890) state	Patel S., Vinodkumar P.C.	Department of Physics	European Physical Journal C	2016	14346044	https://www.springer.com/journal/10052	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84977651411&doi=10.1140%2fepjc%2fs10052-016-4186-6&partnerID=40&md5=0c68be083f6ef3cdfbc9e7e715ef353e	Scopus
D meson spectroscopy and their decay properties using Martin potential in a relativistic Dirac formalism	Shah M., Vinodkumar P.C.	Department of Physics	European Physical Journal C	2016	14346044	https://www.springer.com/journal/10052	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84955483404&doi=10.1140%2fepjc%2fs10052-016-3875-5&partnerID=40&md5=87ec69f19f6f579546ff07b71df0bc9f	Scopus

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Magnetic moments of baryons containing all heavy quarks in the quark-diquark model	Thakkar K.	Department of Applied Sciences and Humanities, GIDC Degree Engineering College, Abrama	European Physical Journal Plus	2016	21905444	https://www.springer.com/journal/13360	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988644262&doi=10.1140%2fepjp%2fi2016-16339-4&partnerID=40&md5=2f165fd2ed89ff3b24dfc9877261977e	Scopus
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Lanczos potential for some non-vacuum spacetimes	Hasmani A.H., Panchal R.	Department of Mathematics	European Physical Journal Plus	2016	21905444	https://www.springer.com/journal/13360	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988625322&doi=10.1140%2fepjp%2fi2016-16336-7&partnerID=40&md5=7f9d78a33031b0301b78bad275f57cf0	Scopus

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Chemical elicitors improve the shelf life of phalsa (<i>Grewia asiatica</i> L.) by inducing antioxidants and controlling microbes	Vyas P.B., Rao Tadapaneni V.R., Thakkar V.R.	Department of Bioscience	Fruits	2016	2481294	https://www.ishs.org/fruits	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984871048&doi=10.1051%2ffruits%2f2016018&partnerID=40&md5=47ee9b6781cb713ac7cc046a26eb3d70	Scopus
Draft genome sequence of <i>Paenibacillus</i> sp. strain DMB5, acclimatized and enriched for catabolizing anthropogenic compounds	Johnson J., Shah B; Jain K.; Madamwar D.	Department of Bioscience	Genome Announcements	2016	21698287	https://www.ncbi.nlm.nih.gov/pmc/journals/1979/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009833798&doi=10.1128%2fgenomeA.00211-16&partnerID=40&md5=1b95227b1f8eb626fbc44a28692e598	Scopus
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Influence of magnetic fluid through a series of flow factors on the performance of a longitudinally rough finite slider bearing	Panchal G.C.	General Department, Government Engineering College, Gandhinagar	Global Journal of Pure and Applied Mathematics	2016	9731768	https://www.ripublication.com/gjpam.htm	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961176754&partnerID=40&md5=914b87e224bb429dc6c18fec84ab8f21	Scopus
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	Deheri G.M.	Department of Mathematics						
Variability of drug response: Approach to minimize toxicity and maximize efficacy	Gupta A., Padh H.	Department of Pharmaceutical Science	Indian Drugs	2016	0019462X	http://www.indiandrugsonline.org/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012925547&partnerID=40&md5=f5ea8a1ae8e8f1e9955b59c203a5c2c5	Scopus
Significant health potential of cereal grains to encounter hyperglycaemia: A review	Mishra A., Patel V.H.	Department of Home Science	Indian Journal of Agricultural Biochemistry	2016	9706399	https://www.indianjournals.com/ijor.aspx?target=ijor:ijab&type=home	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009986025&doi=10.5958%2f0974-4479.2016.00020.4&partnerID=40&md5=163e45b9b82fd0761c77b282922b32c3	Scopus

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	Shukla Y.M.	Department of Biochemistry, College of Agriculture, Anand						
Hypo-EP operators	Patel A.B., Shekhawat M.P.	Department of Mathematics	Indian Journal of Pure and Applied Mathematics	2016	195588	https://www.springer.com/journal/13226	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952939177&doi=10.1007%2fs13226-015-0168-x&partnerID=40&md5=914d07f6a3443ef59fdf0b3961044994	Scopus
Exploring bioremediation strategies to enhance the mineralization of textile industrial wastewater through sequential anaerobic-microaerophilic process	Balapure K., Bhatt N.	Post Graduate Department of Microbiology, Biogas Research and Extension Centre, Gujarat Vidyapith, Sadra	International Biodeterioration and Biodegradation	2016	9648305	https://www.science-direct.com/journal/international-biodeterioration-and-biodegradation	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945315753&doi=10.1016%2fj.ibiod.2015.10.008&partnerID=40&md5=a8b7e26fdada3a9e14255a6b9cc2941b	Scopus
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"Application of Box-Behnken design for optimization and development of quetiapine fumarate loaded chitosan nanoparticles for brain delivery via intranasal route* "	Shah B.,	Department of Pharmaceutical Science, B. V. Patel PERD Centre, Ahmedabad	International Journal of Biological Macromolecules	2016	1418130	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964515486&doi=10.1016%2fj.ijbiomac.2016.04.076&partnerID=40&md5=5de4f7d47ff8afcbdb23c83c01dc394d	Scopus
	Khunt D.; Misra M.	Department of Pharmaceutical Science, NIPER-Ahmedabad					
	Padh H.	Department of Pharmaceuticals					
Optimization and characterization of PHA from isolate Pannonibacter phragmitetus ERC8 using glycerol waste	Ray S., Prajapati V., Patel K., Trivedi U.	Department of Bioscience	International Journal of Biological Macromolecules	2016	1418130	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957837672&doi=10.1016%2fj.ijbiomac.2016.02.002&partnerID=40&md5=bed8f4a7d36ce0ba47509013e5b6209	Scopus
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	Sonani R.R., Madamwar D.	Department of Bioscience						
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A Comparative Study Between Antioxidant Potential of Ripe and Pre-ripe Mango Using Conventional and Physiological Extraction	Bhatt A., Patel V.	Department of Home Science	International Journal of Fruit Science	2016	15538362	https://www.tandfonline.com/toc/wsfr20/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84951567259&doi=10.1080%2f15538362.2015.1044693&partnerID=40&md5=923df1d33df2c6f845e7c59f8ec1d1d9	Scopus

Immunoinformatic Identification of Potential Epitopes Against Shigellosis	Sharma D.	Department of Cell and Molecular Biology, B. V. Patel Pharmaceutical Education and Research Development Centre, Ahmedabad	International Journal of Peptide Research and Therapeutics	2016	15733149	https://www.springer.com/journal/10989	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966565289&doi=10.1007%2fs10989-016-9528-6&partnerID=40&md5=92c386121754dfcb851048351b3ae07d	Scopus
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Cross-linked polyimides containing phenolic residue	Patel J.C., Patel G.K., Patel H.S.	Department of Chemistry	International Journal of Plastics Technology	2016	0972656X	https://www.springer.com/journal/12588	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978142054&doi=10.1007%2fs12588-016-9138-3&partnerID=40&md5=965d19b2ce8adb740061a76f6567c9af	Scopus
Composite coating as a carrier of antioxidants improves the postharvest shelf life and quality of table grapes (<i>Vitis vinifera</i> l. var. Thompson seedless)	Baraiya N.S., Ramana Rao T.V., Thakkar V.R.	Department of Bioscience	Journal of Agricultural Science and Technology	2016	16807073	https://jast.modares.ac.ir/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953387068&partnerID=40&md5=b1b5da936bd370c3ab293bff3eec4495	Scopus
Combined effect of slip velocity and roughness on the Jenkins model based ferrofluid lubrication of a curved rough annular squeeze film	Patel J.R., Deheri G.M.	Department of Mathematics	Journal of Applied Fluid Mechanics	2016	17353572	https://jafmonline.net/web/guest/home	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958818042&doi=10.18869%2ffacadb.jafm.68.225.24447&partnerID=40&md5=fe22f21273c03c8b31464d5448456ff4	Scopus
Phycocyanin moderates aging and proteotoxicity in <i>Caenorhabditis elegans</i>	Singh N.K., Sonani R.R., Madamwar D.	Department of Bioscience	Journal of Applied Phycology	2016	9218971	https://www.springer.com/journal/10811	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949945988&doi=10.1007%2fs10811-015-0772-5&partnerID=40&md5=30cbaddff4542fe999d1668567bbe0bd	Scopus

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	Prasad B.,	Department of Botany/Biotechnology, Patna University, Patna, Bihar						
	Patel A.R.,	Department of Biotechnology, Shri A. N. Patel PG Institute, Anand						
	Kumar J.,	The Buck Institute for Research on Aging						
Densities, speeds of sound, and excess and partial excess properties of room temperature ionic liquids of type $[C_npy][X]$ or $[C_n4mpy][X]$ (Where $n = 6$ or 8 , $[X] = Cl^-$ or Br^-) + Water Binary Mixtures at $T = (308.15 \text{ and } 318.15) \text{ K}$	Sastry N.V., Ravalji I.R.	Department of Chemistry	Journal of Chemical and Engineering Data	2016	219568	https://pubs.acs.org/journal/jceaax	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046966324&doi=10.1021%2facs.jced.6b00460&partnerID=40&md5=c8d354adad2a2b7e2bd438b0d3655a33	Scopus

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	Patel A.S.	Department of Chemistry, Shree M. & N. Virani Science College, Rajkot						
Excitonic emission and absorption resonances in V0.25W0.75Se2 single crystals grown by direct vapour transport technique	Solanki G.K., Pataniya P.; Patel K.D., Pathak V.M.	Department of Physics	Journal of Crystal Growth	2016	220248	https://www.science-direct.com/journal/journal-of-crystal-growth	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962567761&doi=10.1016%2fj.jcrysgro.2016.02.018&partnerID=40&md5=824abb7cd785c30b037cec47fd8cc7cb	Scopus

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Intranasal delivery of venlafaxine loaded nanostructured lipid carrier: Risk assessment and QbD based optimization	Shah B., , Bhatt H.,	Department of Pharmaceutical Science, B. V. Patel PERD Centre, Ahmedabad	Journal of Drug Delivery Science and Technology	2016	17732247	https://www.science-direct.com/journal/journal-of-drug-delivery-science-and-technology	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962537567&doi=10.1016%2fj.jddst.2016.03.008&partnerID=40&md5=190e40272c1abbf0c7e132e23c276256	Scopus
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	Padh H	Department of Pharmaceutical Science						
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	Chavda M.,	Department of Applied Physics, Polytechnic, Maharaja Sayajirao University of Baroda						
RSM-Based Optimization of Edible-Coating Formulations for Preserving Post-Harvest Quality and Enhancing Storability of Phalsa (<i>Grewia asiatica</i> L.)	Dave R., Rao T.V.R.,	Department of Bioscience	Journal of Food Processing and Preservation	2016	1458892	https://ifst.onlinelibrary.wiley.com/journal/17454549	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84947807457&doi=10.1111%2fjffpp.12630&partnerID=40&md5=0b9c18240a9637ec44f20a0c5f0aba30	Scopus
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Composite coating of alginate-olive oil enriched with antioxidants enhances postharvest quality and shelf life of Ber fruit (<i>Ziziphus mauritiana</i> Lamk. Var. Gola)	Ramana Rao T.V., Baraiya N.S., Vyas P.B., Patel D.M.	Department of Bioscience	Journal of Food Science and Technology	2016	221155	https://www.springer.com/journal/13197	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954360729&doi=10.1007%2fs13197-015-2045-3&partnerID=40&md5=7d53411b237e6621bd4226aacea5a894	Scopus
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Effect of cyclone Nilofar on mesospheric wave dynamics as inferred from optical nightglow observations from Mount Abu, India	Singh R.P.,	Department of Physics	Journal of Geophysical Research A: Space Physics	2016	21699380	https://agupubs.onlinelibrary.wiley.com/journal/21699402	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84977080484&doi=10.1002%2f2016JA022412&partnerID=40&md5=ea7905ecf0f2f328e6f26bd55a56f5c8	Scopus
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Micropropagation of <i>Clerodendrum phlomidis</i> L.F.	Kher M.M., Soner D., Srivastava N., Nataraj M.,	Department of Bioscience	Journal of Horticultural Research	2016	23005009	https://www.sciendo.com/journal/JOHR	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983316399&doi=10.1515%2fjohr-2016-0003&partnerID=40&md5=109be16bf4a2706a4df2d4ea87328b15	Scopus
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Formulation of pyridinium based RTIL-in-cyclohexane microemulsions: Investigations on size, conductivity and molecular interactions	Bharatiya B., Hassan P.A., Sastry N.V.	Department of Chemistry	Journal of Molecular Liquids	2016	1677322	https://www.journals.elsevier.com/journal-of-molecular-liquids	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960376521&doi=10.1016%2fj.molliq.2016.03.013&partnerID=40&md5=5c5ef5811c6ae0590880be644d9db016	Scopus
A Base-Catalyzed, Domino Aldol/hetero-Diels-Alder Synthesis of Tricyclic Pyrano[3,4-c]chromenes in Glycerol	Parmar B.D., Sutariya T.R., Brahmhatt G.C., Parmar N.J.,	Department of Chemistry	Journal of Organic Chemistry	2016	223263	https://pubs.acs.org/journal/jocea	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975223349&doi=10.1021%2facs.joc.6b00107&partnerID=40&md5=ff91166e636268b594ff39de1569e6f4	Scopus

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One-pot solvent-free rapid and green synthesis of 3,4-dihydropyrano[c]chromenes using grindstone chemistry	Patel D.S., Avalani J.R., Raval D.K.	Department of Chemistry	Journal of Saudi Chemical Society	2016	13196103	https://www.journals.elsevier.com/journal-of-saudi-chemical-society	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873040573&doi=10.1016%2fj.jscs.2012.12.008&partnerID=40&md5=1c6ac55f2ec05d2ac9a5689731043403	Scopus

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Polymer supported sulphanilic acid – A novel green heterogeneous catalyst for synthesis of benzimidazole derivatives	Tarpada U.P., Thummar B.B., Raval D.K.	Department of Chemistry	Journal of Saudi Chemical Society	2016	13196103	https://www.journals.elsevier.com/journal-of-saudi-chemical-society	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866495979&doi=10.1016%2fj.jscs.2012.07.014&partnerID=40&md5=f3d5584e0cb8c7ed9dce310b43c26b33	Scopus
SnS thin films deposited by chemical bath deposition, dip coating and SILAR techniques	Chaki S.H., Chaudhary M.D., Deshpande M.P.	Department of Physics	Journal of Semiconductors	2016	16744926	https://iopscience.iop.org/journal/1674-4926	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994638533&doi=10.1088%2f1674-4926%2f37%2f5%2f053001&partnerID=40&md5=b97410d7984a540845e1e70758f5ece1	Scopus
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The effect of slip velocity on the ferrofluid based squeeze film in longitudinally rough conical plates	Patel J.R.,	Faculty of Engineering and Technology, Department of Applied Science, Parul Institute of Technology, Parul University, Limda, Vadodara	Journal of the Serbian Society for Computational Mechanics	2016	18206530	http://www.sscm.kg.ac.rs/jsscm/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010443406&doi=10.5937%2fjsscm1602018P&partnerID=40&md5=739d4dab8d62c1a8dc900e47d1a2ac4e	Scopus
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Surfactant and Gelation Properties of Acetylsalicylate Based Room Temperature Ionic Liquid in Aqueous Media	Sastry N.V., Singh D.K.	Department of Chemistry	Langmuir	2016	7437463	https://pubs.acs.org/journal/langd5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989930824&doi=10.1021%2facs.langmuir.6b02074&partnerID=40&md5=c49194b72a02ef7ea1dalb3266a06ed0	Scopus

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Fabrication and electrical characterization of Al/p-ZnIn ₂ Se ₄ thin film Schottky diode structure	Dhruv D.K., Patel B.H.	Department of Electronics	Materials Science in Semiconductor Processing	2016	13698001	https://www.journals.elsevier.com/materials-science-in-semiconductor-processing	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978381298&doi=10.1016%2fj.mssp.2016.06.012&partnerID=40&md5=93982d144433642c0884789c1b530088	Scopus
Thermophysical properties of liquid Pb	Khambholja S.G.	Department of Science and Humanities, B. and B. Institute of Technology, Vallabh Vidyanagar,	Materials Today: Proceedings	2016	22147853	https://www.journals.elsevier.com/materials-today-proceedings	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994173051&doi=10.1016%2fj.matpr.2016.09.010&partnerID=40&md5=6f4c66d90fb11dc3cfb747b4cb20300d	Scopus
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Biological assessment of substituted quinoline based heteroleptic organometallic compounds	Mehta J.V., Gajera S.B., Patel M.N.	Department of Chemistry	MedChemComm	2016	20402503	https://pubs.rsc.org/en/journals/journalissues/md#!recentarticles&adv	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84982168470&doi=10.1039%2fc6md00251j&partnerID=40&md5=7c4bf86ba56c36edb8ab2db99fce0d10	Scopus
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Schiff base pyrazolone complexes of iron (III): synthesis, characterization, antimicrobial and antioxidant activity	Surati K.R., Sathe P.A.	Department of Chemistry	Medicinal Chemistry Research	2016	10542523	https://www.springer.com/journal/44	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84982306770&doi=10.1007%2fs00044-016-1649-0&partnerID=40&md5=0e87080ed60443f07a0b31dfdd22e317	Scopus

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Identification of structural requirements of estrogen receptor modulators using pharmacoinformatics techniques for application to estrogen therapy	Islam M.A., Pillay T.S.	Department of Chemical Pathology, Faculty of Health Sciences, University of Pretoria, Private Bag X323, Arcadia, Pretoria, 0007, South Africa	Medicinal Chemistry Research	2016	10542523	https://www.springer.com/journal/44	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957846623&doi=10.1007%2fs00044-015-1496-4&partnerID=40&md5=01123b8ae500e83c0c6fbc30336183ce	Scopus
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Construction of a new shuttle vector for DNA delivery into mammalian cells using non-invasive Lactococcus lactis	Yagnik B., , Desai P.	Department of Cell and Molecular Biology, B. V. Patel Pharmaceutical Education and Research Development (PERD) Centre, Ahmedabad	Microbes and Infection	2016	12864579	https://www.journals.elsevier.com/microbes-and-infection	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954286333&doi=10.1016%2fj.micinf.2015.11.006&partnerID=40&md5=dba04af536a6752f9aa3b6a967863662	Scopus
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A comparative study of novel chalcone derivative by X-ray and quantum chemical calculations (Ab-initio and DFT): Experimental and theoretical approach	Patel U.H.,	Department of Physics	Molecular Crystals and Liquid Crystals	2016	15421406	https://www.tandfonline.com/toc/gmcl20/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957990601&doi=10.1080%2f15421406.2015.1011494&partnerID=40&md5=f60478a71e716c2414c07d1d5207c4a2	Scopus
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One-pot synthesis, biological evaluation, and docking study of new chromeno-annulated thiopyrano[2,3-c]pyrazoles	Parmar B.D., Sutariya T.R., Brahmbhatt G.C., Parmar N.J.,	Department of Chemistry	Molecular Diversity	2016	13811991	https://www.springer.com/journal/11030	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961575603&doi=10.1007%2fs11030-016-9665-z&partnerID=40&md5=1834a2e33b20b006312353dd4096553b	Scopus
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	Murumkar P.R., Sharma M.K., Yadav M.R.	Faculty of Pharmacy, The Maharaja Sayajirao University of Baroda, Vadodara						
Monitoring the DNA by ruthenium complexes of heterocyclic N,S-donor ligands and evaluation of biological activities	Karia P.S., Vekariya P.A., Patidar A.P., Patel M.N.	Department of Chemistry	Monatshefte fur Chemie	2016	269247	https://www.springer.com/journal/706	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960448074&doi=10.1007%2fs00706-016-1708-8&partnerID=40&md5=a0d156991b425c167307928fa2f42b8f	Scopus
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Half-sandwich iridiumIII complexes with pyrazole-substituted heterocyclic frameworks and their biological applications	Gajera S.B., Mehta J.V., Patel M.N.	Department of Chemistry	New Journal of Chemistry	2016	11440546	https://pubs.rsc.org/en/journals/journalissues/nj#!recentarticles&adv	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84999885163&doi=10.1039%2fc6nj02153k&partnerID=40&md5=8ee4835ed162e7d3f8e85b0c05089184	Scopus
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A catalyst- and solvent-free multicomponent synthesis and docking study of some new antiproliferative: N 5-allyl-quinolylypyrido[2,3- b] [1,4]benzodiazepinone precursors	Barad H.A., Sutariya T.R., Brahmbhatt G.C., Parmar N.J.,	Department of Chemistry	New Journal of Chemistry	2016	11440546	https://pubs.rsc.org/en/journals/journalissues/nj#!recentarticles&adv	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84974622015&doi=10.1039%2fc5nj03280f&partnerID=40&md5=1e1ad94306bf95b1f05d3aac38acae80	Scopus

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Crystal structure analysis of C-phycoerythrin from marine cyanobacterium Phormidium sp. A09DM	Kumar V., Sharma M., Gupta G.D.	Protein Crystallography Section, Solid State Physics Division, Bhabha Atomic Research Centre, Mumbai	Photosynthesis Research	2016	1668595	https://www.springer.com/journal/11120	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962860224&doi=10.1007%2fs11120-016-0259-5&partnerID=40&md5=8705d76d3293dc453aef810baf681385	Scopus
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Induced chemistry by scattering of electrons from magnesium oxide	Vinodkumar M.,	VP and RPTP Science College, Vallabh Vidyanagar	Physical Review A	2016	24699926	https://journals.aps.org/pr/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954526318&doi=10.1103%2fPhysRevA.93.012702&partnerID=40&md5=e1a45bd693076afd983e68eab961f679	Scopus
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Spectroscopy and flavor changing decays of B, Bs mesons in a Dirac formalism	Shah M., Patel B.,	P. D. Patel Institute of Applied Sciences, Charusat, Changa	Physical Review D	2016	24700010	https://journals.aps.org/prd/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84973480976&doi=10.1103%2fPhysRevD.93.094028&partnerID=40&md5=542b86a219e1c5b6e991265c8def41e6	Scopus
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In vitro shoot multiplication of withania coagulans (Stocks) dunal	Joshi H., Nekkala S., Soner D., Kher M.M., Nataraj M.	Department of Bioscience	Plant Tissue Culture and Biotechnology	2016	18173721	https://www.banglajol.info/index.php/PTCB/about	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006097366&doi=10.3329%2fptcb.v26i2.30569&partnerID=40&md5=be152d69233b5d82e4e4f2b23fb4bfa2	Scopus
Sandalwood: basic biology, tissue culture, and genetic transformation	Teixeira da Silva J.A.,	P. O. Box 7, Miki-cho Post Office, 3011-2, Ikenobe, Kagawa-ken 761-0799, Japan	Planta	2016	320935	https://www.springer.com/journal/425	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953403422&doi=10.1007%2fs00425-015-2452-8&partnerID=40&md5=707d46fdd73c5eb5297a7f5e2572baab	Scopus
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Retrieval of surface reflectance from Resourcesat-2 AWiFS, LISS-3, and LISS-4 data using SACRS2 scheme	Pathak V.N., Patel K.D.	Department of Physics	Proceedings of SPIE - The International Society for Optical Engineering	2016	0277786X	https://www.spiedigitallibrary.org/#	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006856724&doi=10.1117%2f12.2223649&partnerID=40&md5=597905dd2ac8854f30dd08e5900c1f86	Scopus
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Micropropagation of <i>Clerodendrum</i> L. species: a review	Nataraj M., Kher M.M.,	Department of Bioscience	Rendiconti Lincei	2016	20374631	https://www.springer.com/journal/12210	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946811387&doi=10.1007%2fs12210-015-0484-4&partnerID=40&md5=c4837afafe8a7edfff274a68cbb5e8b3	Scopus
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Strontium tartrate ($\text{SrC}_4\text{H}_4\text{O}_6$) single crystals – Gel growth and characterization	J P Tailor,	<i>Department of Applied Physics, SVNIT, Surat,</i>	Bulgarian Journal of Physics	2016	1310-0157	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002023&flag=Search	293.pdf	UGC-CARE
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Comparative study on the use of conventional, microwave and ultrasound irradiation for the synthesis of pyrano [3,2-c]chromene and benzopyrano[4,3-b]chromene derivatives in water;	Jayvirsinh D Gohil, Haresh Patel, Manish Patel;	Department of Chemistry	Heterocyclic Letter	2016	2231-3087	https://heteroletters.o rg/	301.pdf	UGC Approved List of Journals
Green Approach For The Facile Construction Of Pyrazolylpyrazoline Bearing Benzothiazole Derivatives And Its Biological Evaluation;	Haresh B Patel, Jayvirsinh D Gohil, Manish P Patel;	Department of Chemistry	Heterocyclic Letters, (IF-3833)	2016	2231-3087	https://heteroletters.o rg/	302.pdf	UGC Approved List of Journals
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Structure and Substructure properties of Magnesium Oxide Thin Films	Diachenko O V, Opanasuk A S, Kurbatov D I, Patel S S, Desai R R Lakshminarayana, Panchal C J, Suryavanshi Priya	Department of Electronics	Invertis Journal of Science & Technology	2016	0973-8940	https://www.indianjournals.com/ijor.aspx?target=ijor::ijst1&type=home	308.pdf	UGC Approved List of Journals
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Effect of feeding functional snack Khakhara on blood glucose and antioxidant status of type-II diabetic males residing in Anand	Vimal Jayswal, Viraj Roghelia, Rema Shubhas and V.H. Patel	Department of Home Science	Journal for advanced research in Applied Sciences	2016	2394-8442	http://iaetsdjaras.org/	311.pdf	UGC Approved List of Journals
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A Study on Disclosure Practices of Employees Benefits (AS-15) by Selected FMCG Companies of India	Y M Dalvadi	Department of Business Studies	Saaransh : RKG Journal of Management, An International Bi-annual Refereed Research Journal (ISSN 07754601)	2016	0975-4601	Website is not working	319.pdf	UGC Approved List of Journals
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NEW APPROACH FOR THE SYNTHESIS OF SPIRO INDOLINONE INCORPORATED 1,2,4-TRIAZOLO[1,5-A] QUINOLINE DERIVATIVES AND THEIR PHARMACOLOGICAL SCREENING	Ladani, GG; Patel, MP	Department of Chemistry	HETEROCYCLIC LETTERS	2016	2231-3087	https://heteroletters.org/	331.pdf	UGC Approved List of Journals
NUMERICAL MODELING OF JENKINS MODEL BASED FERROFLUID LUBRICATION SQUEEZE FILM PERFORMANCE IN ROUGH CURVED ANNULAR PLATES UNDER THE PRESENCE OF SLIP VELOCITY	Patel, JR; Deheri, G	Department of Mathematics	FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS	2016	0352-9665	Website is not working	332.pdf	UGC Approved List of Journals
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SYNTHESIS OF IMIDAZO[4,5-C] QUINOLINE DERIVATIVES VIA HOFMANN REARRANGEMENT IN THE PRESENCE OF IODOBENZENE DIACETATE AND ITS BIOLOGICAL EVALUATION	Ladani, GG; Patel, MP	Department of Chemistry	HETEROCYCLIC LETTERS	2016	2231-3087	https://heteroletters.org/	335.pdf	UGC Approved List of Journals
ULTRASOUND PROMOTED EFFICIENT SYNTHESIS OF NEW TETRAZOLO[1,5-A]QUINOLINE DERIVATIVES AND THEIR COMPARATIVE ANTI MICROBIAL AND ANTI TUBERCULAR STUDY	Patel, AJ; Patel, MP	Department of Chemistry	HETEROCYCLIC LETTERS	2016	2231-3087	https://heteroletters.org/	336.pdf	UGC Approved List of Journals
Ionic liquid mediated stereoselective synthesis of alanine linked hybrid quinazoline-4(3H)-one derivatives perturbing the malarial reductase activity in folate pathway	Patel T.S.;Bhatt J.D.;Vanparia S.F.;Patel B.D.;Dixit B.C.	V. P. & R. P. T. P Science College, Sardar Patel University, Vallabh Vidyanagar	Bioorganic and Medicinal Chemistry	2017	09680896	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032936834&doi=10.1016%2fj.bmc.2017.10.041&partnerID=40&md5=e97f14d3291c125dc2e644470dd54d	Scopus	
	Patel U.H.	Department of Physics						
	Dixit R.B.	Ashok & Rita Patel Institute of Integrated Studies and Research in Biotechnology and Allied Sciences, New Vallabh Vidyanagar						
	Chudasama C.J.	Shree Alpesh N. Patel P. G. Institute, Sardar Patel University						

Total phenolic content and antioxidant capacity of different solvent extracts from underutilized fruit of salvadora persica	Patel H., Patel V.H.	Department of Home Science	Indian Journal of Agricultural Biochemistry	2017	09706399	http://www.indianjournals.com/ijor.aspx?target=ijor:ijab&volume=30&issue=2&type=toc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040919129&doi=10.5958%2f0974-4479.2017.00025.9&partnerID=40&md5=f5538f050c707e80c2b78329d927243a	Scopus
An efficient synthesis of 4H-pyrano quinolinone derivatives catalysed by a versatile organocatalyst tetra-n-butylammonium fluoride and their pharmacological screening	Prasad P., Shobhashana P.G., Patel M.P.	Department of Chemistry	Royal Society Open Science	2017	20545703	https://royalsocietypublishing.org/doi/10.1098/rsos.170764	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85036538823&doi=10.1098%2frsos.170764&partnerID=40&md5=df0deb5c5411ed6cdc079a23a53c69ee	Scopus
Novel cytotoxic oxovanadium(IV) complexes: Influence of pyrazole-incorporated heterocyclic scaffolds on their biological response	Gajera S.B., Mehta J.V., Kanthecha D.N., Patel M.N.	Department of Chemistry	Applied Organometallic Chemistry	2017	02682605	https://onlinelibrary.wiley.com/journal/10990739	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016741663&doi=10.1002%2faoc.3767&partnerID=40&md5=b1acb7e4469b189c3075c6ef79633c96	Scopus
	Patel R.R.	B. R. Doshi School of Bioscience, Sardar Patel University, Vallabh Vidyanagar,						

Photoluminescent properties of novel design heteroleptic Zn(II) complexes	Vamja A.C., Surati K.R.	Department of Chemistry	Luminescence	2017	15227235	https://analyticalsciencejournals.onlinelibrary.wiley.com/doi/abs/10.1002/bio.3311	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019414711&doi=10.1002%2fbio.3311&partnerID=40&md5=ae2398acf2a040a377dfe174a5907cb5	Scopus
Genotypic identification of methicillin resistance and virulence factors in Staphylococcus spp. from bovine mastitis milk	Patel K.	Ashok and Rita Patel Institute of Integrated Study and Research in Biotechnology and Allied Sciences, New Vallabh Vidyanagar	Comparative Clinical Pathology	2017	16185641	https://www.springer.com/journal/580	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028328326&doi=10.1007%2fs00580-017-2540-1&partnerID=40&md5=5f551d37466c4826c24413799f2d0e58	Scopus
	Joshi C., Nauriyal D.,	Department of Animal Biotechnology, College of Veterinary Science and A. H., Anand Agricultural University, Anand						
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Acetyl pyridine-based palladium(II) compounds as an artificial metallonucleases	Thakor K.P., Lunagariya M.V., Patel M.N.	Department of Chemistry	Journal of Biomolecular Structure and Dynamics	2017	07391102	https://www.tandfonline.com/toc/tbsd20/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989237529&doi=10.1080%2f07391102.2016.1236748&partnerID=40&md5=7ed590c60b3e86fe1309c3fd3c2ce21f	Scopus
SULT1A1 copy number variation: ethnic distribution analysis in an Indian population	Almal S.	Department of Cell and Molecular Biology, B. V. Patel Pharmaceutical Education and Research Development (PERD) Centre, Ahmedabad	Annals of Human Biology	2017	03014460	https://www.tandfonline.com/toc/iahb20/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029906625&doi=10.1080%2f03014460.2017.1376852&partnerID=40&md5=c5219ecdeecd4e26b974f771e978cfc7	Scopus
	Padh H.	Department of Pharmaceutical Science, Sardar Patel University, Vallabh Vidyanagar, Gujarat, India						
Evolution of palladium(II) complexes as DNA intercalator and artificial metallonuclease	Thakor K.P., Lunagariya M.V., Karia P.S., Patel M.N.	Department of Chemistry	Monatshefte fur Chemie	2017	00269247	https://www.springer.com/journal/706/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021702902&doi=10.1007%2fs00706-017-1942-8&partnerID=40&md5=b9b5a054ec3d6ce03b83f4436c83d583	Scopus

Development and validation of stability indicating HPTLC method for estimation of swertiamarin in bulk and dosage form	Padh H., Parmar S., Patel B.	Department of Pharmaceutical Science	International Journal of Applied Pharmaceutics	2017	09757058	https://innovareacademics.in/journals/index.php/ijap/instructions-to-authors	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034428381&doi=10.22159%2fijap.2017v9i6.22214&partnerID=40&md5=e5af1529f5569924f250e055c3f4438d	Scopus
Cryopreservation of grapevine (<i>Vitis</i> spp.) – a review	Bi W.-L., Pan C., Hao X.-Y., Cui Z.-H., Wang Q.-C.	State Key Laboratory of Crop Stress Biology in Arid Region, College of Horticulture, Northwest Agriculture & Forestry University, Yangling, Shaanxi 712100, China	In Vitro Cellular and Developmental Biology - Plant	2017	10545476	https://www.springer.com/journal/11627/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021168051&doi=10.1007%2fs11627-017-9822-9&partnerID=40&md5=297e13eae9829576be1bccbae1bb1de	Scopus
	Kher M.M.	Post Graduate Department of Bioscience, Sardar Patel University, Vallabh Vidyanagar						
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Efficient Enzymatic Digestion of Alkali Treated Maize Stover Holocellulose by Developing Balanced Cocktail of Cellulolytic and Hemicellulolytic Enzymes	Patel H., Shah A.	Department of Bioscience	Waste and Biomass Valorization	2017	18772641	https://www.springer.com/journal/12649/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85001740707&doi=10.1007%2fs12649-016-9769-9&partnerID=40&md5=3d4e74a357751abb07093b8785d97761	Scopus
	Divecha J.	Department of Statistics, Sardar Patel University, Vallabh Vidyanagar,						
Human milk microbiome in urban and rural populations of India	Vaidya Y.H., Patel S.H., Patel R.J.	Ashok and Rita Patel Institute of Integrated Study and Research in Biotechnology and Allied Sciences, ADIT campus, New Vallabh Vidyanagar, Gujarat, India	Meta Gene	2017	22145400	https://www.science-direct.com/journal/meta-gene	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017498231&doi=10.1016%2fj.mgene.2017.04.001&partnerID=40&md5=36a832c33218df40eac459abe8481057	Scopus

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In vitro propagation of African violet: A review	Teixeira da Silva J.A.	P. O. Box 7, Miki- cho Post Office, Ikenobe 3011-2, Kagawa-ken 761- 0799, Japan	South African Journal of Botany	2017	02546299	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020455697&doi=10.1016%2fj.sajb.2017.05.018&partnerID=40&md5=1b7eda67a339a6dd47cc3d9a5950a324	Scopus	
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	Hosokawa M.	Graduate School of Agriculture, Kyoto University, Sakyo-ku						
	Dewir Y.H.	Plant Production Department, P.O. Box 2460, College of Food & Agriculture Sciences, King Saud University, Riyadh						
Metabolic potential and taxonomic assessment of bacterial community of an environment to chronic industrial discharge	Devpura N., Jain K., Madamwar D.	Department of Bioscience	International Biodeterioration and Biodegradation	2017	09648305	https://www.science-direct.com/journal/international-biodeterioration-and-biodegradation	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85022345847&doi=10.1016%2fj.ibiod.2017.06.011&partnerID=40&md5=94f3b41df61a362fbb488fe26e97beb0	Scopus

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Tuning of optical, thermal and antimicrobial capabilities of CdS nanoparticles with incorporated Mn prepared by chemical method	Patel N.H.;Deshpande M.P., Chaki S.H.	Department of Physics	Journal of Materials Science: Materials in Electronics	2017	09574522	https://www.springerprofessional.de/en/journal-of-materials-science-materials-in-electronics-15-2021/19409190	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017186930&doi=10.1007%2fs10854-017-6865-y&partnerID=40&md5=1d83077117a6f979d0aec6a1c3e7994	Scopus
	Keharia H.R.	Department of Bioscience						
Electronic and optical response of Cr-doped MoSe ₂ and WSe ₂ : Compton measurements and first-principles strategies	Kumar K., Ahuja B.L.	Department of Physics, University College of Science, Mohanlal Sukhadia University, Udaipur, Rajasthan 313001, India	Journal of Physics and Chemistry of Solids	2017	00223697	https://www.sciencedirect.com/journal/journal-of-physics-and-chemistry-of-solids	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016140226&doi=10.1016%2fj.jpcs.2017.03.019&partnerID=40&md5=d4508c5ac2c2a3dae3efda333513d92a	Scopus
	Heda N.L.	Department of Pure and Applied Physics, University of Kota, Kota, Rajasthan 324007, India						

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Cellulase production, simultaneous saccharification and fermentation in a single vessel: A new approach for production of bio-ethanol from mild alkali pre-treated water hyacinth	Narra M., Shah D., Balasubramanian V., Vyas B., Harijan M., MacWan K.	Sardar Patel Renewable Energy Research Institute, P. Box No.2, Vallabh Vidyanagar, Gujarat, 388 120, India	Journal of Environmental Chemical Engineering	2017	22133437	https://www.sciencedirect.com/journal/journal-of-environmental-chemical-engineering/vol/5/issue/3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018316224&doi=10.1016%2fj.jece.2017.04.043&partnerID=40&md5=97c035f0714ec3dcc65236dbcc817a70	Scopus
	Divecha J.	Department of Statistics, Sardar Patel University, Vallabh Vidyanagar, Gujarat, 388 120, India						
Synthesis and thermal study of SnS nanoflakes	Chaudhary M.D., Chaki S.H., Deshpande M.P.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388120, India	Journal of Asian Ceramic Societies	2017	21870764	https://www.sciencedirect.com/journal/journal-of-asian-ceramic-societies	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85024102491&doi=10.1016%2fj.jascer.2017.04.006&partnerID=40&md5=a5686cab62f222e73a822de2113d83a8	Scopus

Studies on poly(ester-urea-imide)s containing epoxy segment	Patel J.C., Patel H.S.	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388120, India	International Journal of Plastics Technology	2017	0972656X	https://www.springer.com/journal/12588	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021717167&doi=10.1007%2fs12588-017-9181-8&partnerID=40&md5=1dd8cb0bc4342d4ac6cea4d497447d83	Scopus
	Nayak S.K.	Central Institute of Plastics Engineering & Technology (CIPET), TVK Industrial Estate, Guindy, Chennai, 600032, India						
Deposition of silicon carbide interface coating on carbon fibre by PECVD for advanced composites	Pillai R., Batra N., Machinewala N.	Department of Material Science, Sardar Patel University, Vallabh VidyanagarGujarat, 388120, India	Surfaces and Interfaces	2017	24680230	https://www.science-direct.com/journal/surfaces-and-interfaces	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019759328&doi=10.1016%2fj.surfin.2017.03.006&partnerID=40&md5=6920a42f1b313106f458957a8f81fceb	Scopus
	Manocha L.M.,	Defence Materials and Stores Research and Development Establishment, Kanpur, 208013, India						

Metagenomic approach to study the bacterial community in clinical and subclinical mastitis in buffalo	Patel R.J., Pandit R.J.	Ashok and Rita Patel Institute of Integrated Study and Research in Biotechnology and Allied Sciences, ADIT campus, New Vallabh Vidyanagar, Anand, Gujarat 388120, India	Meta Gene	2017	22145400	https://www.science-direct.com/journal/meta-gene	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008700505&doi=10.1016%2fj.mgene.2016.12.014&partnerID=40&md5=60dd5da83fcbf02976a86c5a5affa83f	Scopus
	Bhatt V.D.	Department of Pharmaceutical Science, Saurashtra University, Rajkot, Gujarat 360005, India						
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CuAlS ₂ thin films $\alpha\epsilon^{**}$ Dip coating deposition and characterization	Chaki S.H., Mahato K.S., Malek T.J., Deshpande M.P.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388 120, India	Journal of Science: Advanced Materials and Devices	2017	24682284	https://www.science-direct.com/journal-of-science-advanced-materials-and-devices	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028840719&doi=10.1016%2fj.jsamd.2017.04.002&partnerID=40&md5=e8040996fb08696187365346e65fa789	Scopus
Preparation of H ₂ SO ₄ doped Polyaniline thin film solar cells by spin coating technique	Patel A., Pataniya P., Patel K.D., Solanki G.K., Pathak V.M.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388120, India	AIP Conference Proceedings	2017	0094243X	https://aip.scitation.org/journal/apc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019251734&doi=10.1063%2f1.4982131&partnerID=40&md5=237f91425b25c70c1f00c4a145aa79de	Scopus
Molecular docking, free radical scavenging, and DNA interaction studies of drug-based coordination compounds	Patel M.N., Gandhi D.S., Parmar P.A., Mehta J.V.	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388 120, India	Monatshefte fur Chemie	2017	00269247	https://www.springer.com/journal/706	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983407876&doi=10.1007%2fs00706-016-1816-5&partnerID=40&md5=43f514d49bfbf083879f530fd7ffed49	Scopus

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Responses of fresh-cut products of four mango cultivars under two different storage conditions	Sharma S., Rao T.V.R.	Department of Bioscience, Sardar Patel University, Sardar Patel Maidan, Vadtal Road, Vallabh Vidyanagar, Gujarat 388 120, India	Journal of Food Science and Technology	2017	00221155	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017116809&doi=10.1007%2fs13197-017-2601-0&partnerID=40&md5=36bd5d0d1b114afb0ce5891fea6ba2fb	Scopus
Effect of Ag on structural, optical and luminescence properties of ZnS nanoparticles synthesized by microwave-assisted chemical route	Patel K., Deshpande M.P., Chaki S.H.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Anand, Gujarat 388120, India	Applied Physics A: Materials Science and Processing	2017	09478396	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018729854&doi=10.1007%2fs00339-017-0980-8&partnerID=40&md5=124cfc3cdf6479d32f50d65b4c9be2f	Scopus

Preface	Rastogi R.P., Madamwar D.	Department of Bioscience, Sardar Patel University, Vallabh Vidyanagar, Anand, Gujarat 388120, India	Algal Green Chemistry: Recent Progress in Biotechnology	2017	978- 044464041-3; 978- 044463784-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029779704&doi=10.1016%2fB978-0-444-63784-0.05001-3&partnerID=40&md5=856fc377ded31877825a9754dd6b5591	Scopus	
	Pandey A.	Center of Innovative and Applied Bioprocessing, Mohali, Punjab, India						
Metabolism of pyrene through phthalic acid pathway by enriched bacterial consortium composed of Pseudomonas, Burkholderia, and Rhodococcus (PBR)	Vaidya S., Jain K., Madamwar D.	Department of Bioscience, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388 315, India	3 Biotech	2017	2190572X	https://www.springer.com/journal/13205	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017548022&doi=10.1007%2fs13205-017-0598-8&partnerID=40&md5=b631c9e98bb8a2f722ca81a0bc390010	Scopus
Agent based system for collaborative learning environment in an educational habitat	Vaidya N.M.	Department of Computer Science, SRIMCA, Uka Tarsadia University, Bardoli, Gujarat, India	Proceedings of 2016 International Conference on ICT in Business, Industry, and Government, ICTBIG 2016	2017	978- 150905515-9	https://ieeexplore.ieee.org/xpl/conhome/7888716/proceeding	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019165747&doi=10.1109%2fICTBIG.2016.7892644&partnerID=40&md5=242a1923d33f514003bdf48e61f7ca0b	Scopus

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Improving content sequencing of packaged content through feedback and priority	Roman J.	Computer Applications, SVIT, Vasad, India	Proceedings of 2016 International Conference on ICT in Business, Industry, and Government, ICTBIG 2016	2017	978-150905515-9	https://ieeexplore.ieee.org/xpl/conhome/7888716/proceeding	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019091087&doi=10.1109%2fICTBIG.2016.7892672&partnerID=40&md5=cf863cce3da03c7ecd23428d1775aff8	Scopus
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Small, balanced, efficient, optimal, and near rotatable response surface designs for factorial experiments asymmetrical in some quantitative, qualitative factors	Divecha J.	Department of Statistics, Sardar Patel University, Vallabh Vidyanagar, Gujarat, India	Quality Engineering	2017	08982112	https://www.tandfonline.com/toc/lqen20/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992524304&doi=10.1080%2f0898212.2016.1217338&partnerID=40&md5=e9367cf90ee7d8afcb4ccee23502f125	Scopus

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Synthesis of manganese sulfide (MnS) thin films by chemical bath deposition and their characterization	Chaki S.H., Chauhan S.M., Deshpande M.P.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, India	Journal of Materials Research and Technology	2017	22387854	https://www.sciencedirect.com/journal/journal-of-materials-research-and-technology	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008245718&doi=10.1016%2fj.jmrt.2016.05.003&partnerID=40&md5=b4ef73f03d7684ee355971c109d9a272	Scopus
	Tailor J.P.	Department of Applied Physics, SVNIT, Surat, India						
Study of chemical vapour transport (CVT) grown WSe _{1.93} single crystals	Tailor J.P.	Department of Applied Physics, Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat 395 007, India	Materials Science in Semiconductor Processing	2017	13698001	https://www.sciencedirect.com/journal/materials-science-in-semiconductor-processing	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008190920&doi=10.1016%2fj.mssp.2016.12.032&partnerID=40&md5=9e1a8246bd535b48b0279f286369923e	Scopus
	Trivedi D.S., Chaki S.H., Chaudhary M.D., Deshpande M.P.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388 120, India						

Increasing esterification efficiency by double immobilization of lipase-ZnO bioconjugate into sodium bis (2-ethylhexyl) sulfosuccinate (AOT)-reverse micelles and microemulsion based organogels	Patel V., Madamwar D.	Department of Bioscience, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388 315, India	Biocatalysis and Agricultural Biotechnology	2017	18788181	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015456501&doi=10.1016%2fj.bcab.2017.03.009&partnerID=40&md5=4498ebf8e22e0b17a63e0280f18934	Scopus
	Deshpande M.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Anand, Gujarat 388 120					
Electron scattering and ionization of H ₂ O; OH, H ₂ O ₂ , HO ₂ radicals and (H ₂ O) ₂ dimer	Joshiyura K.N.	Department of Physics	European Physical Journal D	2017	14346060	https://www.springer.com/journal/10053	Scopus
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Layer-engineered I-V characteristics of p-Si/WS ₂ Van der Waals Heterostructure diode	Kapatel S., Sumesh C.K.	Department of Physical Sciences, P.D. Patel Institute of Applied Sciences, Charusat, Changa-388 421, India	European Physical Journal Plus	2017	21905444	https://www.springer.com/journal/13360	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018642431&doi=10.1140%2fepjp%2fi2017-11480-2&partnerID=40&md5=656281148d48b7605816871b7c741acf	Scopus
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RNA-Seq reveals the molecular mechanism of trapping and killing of root-knot nematodes by nematode-trapping fungi	Pandit R., Patel N., Joshi C.	Department of Animal Biotechnology, College of Veterinary Science and A.H., Anand Agricultural University, Anand	World Journal of Microbiology and Biotechnology	2017	09593993	https://www.springer.com/journal/11274	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014556482&doi=10.1007%2fs11274-017-2232-7&partnerID=40&md5=5f775000dafc54162729c2765773fb7a	Scopus
	Patel R., Kunjadia A.	Center for Interdisciplinary Studies in Science and Technology						
	Bhatt V.	Department of Pharmaceutical Science, Saurashtra University, Rajkot						

	Singh P.K.	Value Addition Research and Development Department-Human Health, National Innovation Foundation (NIF)-India, Mahudi Road, Ganhdinagar						
Identification of single nucleotide polymorphism from Indian Bubalus bubalis through targeted sequence capture	Patel A.B., Subramanian R.B., Padh H.	Department of Bioscience, Sardar Patel University, V. V. Nagar, 388 120, India	Current Science	2017	00113891	https://www.currentscience.ac.in/show.issue.php?volume=112&issue=06	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016257147&doi=10.18520%2fcs%2fv112%2fi06%2f1230-1239&partnerID=40&md5=3daefe09a348e848d99cdf5adabd3bc4	Scopus
	Shah T.M., Mohapatra A., Reddy B., Jakhesara S.J., Koringa P.G., Joshi C.G.	Department of Animal Biotechnology, College of Veterinary Science and Animal Husbandry, Anand Agricultural University, Anand, 388 001, India						
	Dash D.	Roche Diagnostics India Pvt Ltd, Kolkata, 700 107, India						

Characteristics and source apportionment of black carbon aerosols over an urban site	Rajesh T.A.	Space and Atmospheric Sciences Division, Physical Research Laboratory, Navrangpura, Ahmedabad - 380009, India	Environmental Science and Pollution Research	2017	09441344	https://www.springer.com/journal/11356	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012224978&doi=10.1007%2fs11356-017-8453-3&partnerID=40&md5=39a39f35dba3563a247fd71637c2010e	Scopus
	Ramachandran S.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Anand -388120, India						
Effect of Cobalt doping on ZnS nanoparticles synthesized by microwave irradiation	Patel K., Deshpande M.P., Chaki S.H.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Anand, Gujarat 388120, India	Journal of Materials Science: Materials in Electronics	2017	09574522	https://www.springer.com/journal/10854	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006826142&doi=10.1007%2fs10854-016-6159-9&partnerID=40&md5=b24c97777b0e6707201b9d24ea80e4c5	Scopus
Dual recombinant Lactococcus lactis for enhanced delivery of DNA vaccine reporter plasmid pPERDBY	Yagnik B., Sharma D., Padh H.	Department of Bioscience	Microbiology and Immunology	2017	03855600	https://onlinelibrary.wiley.com/journal/13480421	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017477457&doi=10.1111%2f1348-0421.12473&partnerID=40&md5=467de81b421a15527dd6b29238652de1	Scopus

	Desai P.	Department of Cell and Molecular Biology, B. V. Patel Pharmaceutical Education and Research Development Centre, Ahmedabad, Gujarat, India						
Effect of surface roughness on characteristics of squeeze film between porous rectangular plates	Thakkar P.L., Patel H.C.	Department of Mathematics, L. D. College of Engineering, Ahmedabad, Gujarat, India; Department of Mathematics, S. P. University, Vallabh Vidhayanagar, Gujarat, India	International Journal of Mechanical Engineering and Technology	2017	09766340	https://iaeme.com/Home/journal/IJMET#	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018573420&partnerID=40&md5=952f863d4358d12f8639ec06d646a071	Scopus
	Deheri G.M.	Department of Mathematics, S. P. University, Vallabh Vidhayanagar, Gujarat, India						
Hydrodynamic squeeze film lubrication between rough parallel plates: Hip-joint representation with modified boundary conditions	Jani H.R.	Gujarat Technology University, Ahmedabad, Gujarat, India	International Journal of Mechanical Engineering and Technology	2017	09766340	https://iaeme.com/Home/journal/IJMET#	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018548761&partnerID=40&md5=aaadb937c78dd067f634793ce65c4798	Scopus

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	Deheri G.M.	Department of Mathematics, Sardar Patel University, Anand, Gujarat, India						
Phycoerythrin averts intracellular ROS generation and physiological functional decline in eukaryotes under oxidative stress	Sonani R.R., Rastogi R.P., Madamwar D.	Department of Bioscience, UGC-Centre of Advanced Study, Sardar Patel University, Vadtal Road, Satellite Campus, Bakrol, Anand, Gujarat 388315, India	Protoplasma	2017	0033183X	https://www.springer.com/journal/709	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975459776&doi=10.1007%2fs00709-016-0996-5&partnerID=40&md5=249f4489d2ad59bb8b28f5b589c7603f	Scopus
	Singh N.K., Patel P.J.,	Department of Biotechnology, Shri A. N. Patel PG Institute, Anand, Gujarat 388001, India						

	Thadani J., Devkar R.V.	Division of Phytotherapeutics and Metabolic Endocrinology, Department of Zoology, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat 390002, India						
	Kumar J.	The Buck Institute for Research on Aging, 8001 Redwood Boulevard, Novato, CA 94945, United States, DBT-PU-IPLS Programme, Department of Botany/Biotechnology, Patna University, Patna, Bihar 800005, India						
	Tiwari A.K.	School of Biological Sciences and Biotechnology, Indian Institute of Advanced Research, Koba, Gandhinagar, Gujarat 382007, India						

Quantification of phenolic compounds and antioxidant capacity of an underutilized Indian fruit: Rayan [Manilkara hexandra (Roxb.) Dubard]	Parikh B., Patel V.H.	Department of Home Science, Sardar Patel University, Vallabh Vidyanagar Gujarat 388120, India	Food Science and Human Wellness	2017	22134530	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069002454&doi=10.1016%2fj.fshw.2016.11.002&partnerID=40&md5=c086d490aece00f88e7d7ea6b600dd42	Scopus	
Large- and small-scale periodicities in the mesosphere as obtained from variations in O2 and OH nightglow emissions	Singh R.P.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, India	Annales Geophysicae	2017	09927689	https://www.annales-geophysicae.net/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013374553&doi=10.5194%2fangeo-35-227-2017&partnerID=40&md5=1afb71e9dc8ed157c4e8631e75c993e3	Scopus
	Pallamraju D.	Space and Atmospheric Sciences Division, Physical Research Laboratory, Ahmedabad, India						
Microwave assisted alkali treated wheat straw as a substrate for co-production of (hemi)cellulolytic enzymes and development of balanced enzyme cocktail for its enhanced saccharification	Patel H., Shah A.	Department of Bioscience, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388120, India	Journal of the Taiwan Institute of Chemical Engineers	2017	18761070	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009512562&doi=10.1016%2fj.jtice.2016.12.032&partnerID=40&md5=d70773b3b385bafeb408e883fc992e6e	Scopus	

	Divecha J.	Department of Statistics, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388120, India						
Microwave assisted synthesis and biological activity of 3-aryl-furo[3,2-c]coumarins	Kaneria A.R., Giri R.R., Bhila V.G., Prajapati H.J., Brahmhatt D.I.	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat, India	Arabian Journal of Chemistry	2017	18785352	https://www.sciencedirect.com/journal/arabian-journal-of-chemistry	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874259831&doi=10.1016%2fj.arabjc.2013.01.017&partnerID=40&md5=6968e10a590d231ab044cecc615b7f97	Scopus
Immunization with r-Lactococcus lactis expressing outer membrane protein A of Shigella dysenteriae type-1: evaluation of oral and intranasal route of administration	Yagnik B., Sharma D., Padh H.	Department of Bioscience, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388120, India	Journal of Applied Microbiology	2017	13645072	https://sfamjournals.onlinelibrary.wiley.com/toc/13652672/2021/131/2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007415289&doi=10.1111%2fjam.13353&partnerID=40&md5=0903f08e016c933e463d858c1709cf98	Scopus
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Synthesis, spectroscopic characterization and thermal studies of some divalent transition metal complexes of 8-hydroxyquinoline	Patel K.D., Patel H.S.	Department of Chemistry, Sardar Patel University, Vallabh VidyanagarGujarat, India	Arabian Journal of Chemistry	2017	18785352	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84877091847&doi=10.1016%2fj.arabjc.2013.03.019&partnerID=40&md5=c22c691e2791461ea974ba56226695af	Scopus
Thermoplastic-thermosetting merged polyimides via furan-maleimide Diels-Alder polymerization	Patel Y.S., Patel H.S.	Department of Chemistry, Sardar Patel University, Vallabh VidyanagarGujarat 388 120, India	Arabian Journal of Chemistry	2017	18785352	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876739417&doi=10.1016%2fj.arabjc.2013.04.010&partnerID=40&md5=5e519700f8c0d4646fcc5362162d116d	Scopus
Genetic profile of PTEN gene in Indian oral squamous cell carcinoma primary tumors	Shah S., Jajal D., Kalia K.	Department of Bioscience, Sardar Patel University, Gujarat, India	Journal of Oral Pathology and Medicine	2017	09042512	https://onlinelibrary.wiley.com/journal/16000714	Scopus
	Mishra G.	Department of E N T, P. S. Medical College, Karamsad, Gujarat, India;					

Quantitative analysis of weak interactions by Lattice energy calculation, Hirshfeld surface and DFT studies of sulfamonomethoxine	Patel K.D., Patel U.H.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388 120, India	Journal of Molecular Structure	2017	00222860	https://www.science-direct.com/journal-of-molecular-structure/vol/1128/suppl/C	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983527500&doi=10.1016%2fj.molstruc.2016.08.046&partnerID=40&md5=ee523fab3b75fd9d31e4229aadcf5374	Scopus
Overexpression of a plasma membrane bound Na ⁺ /H ⁺ antiporter-like protein (SbNHXLP) confers salt tolerance and improves fruit yield in tomato by maintaining ion homeostasis	Kumari P.H., Kumar S.A., Kishor P.B.K.	Department of Genetics, Osmania University, Hyderabad, India	Frontiers in Plant Science	2017	1664462X	https://www.frontiersin.org/journals/plant-science#	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009830118&doi=10.3389%2ffpls.2016.02027&partnerID=40&md5=571dd33ffb81c460959a787c3313424a	Scopus
	Sivan P., Rao K.S.	Department of Bioscience, Sardar Patel University, Anand, India						
	Katam R.	Department of Biological Sciences, College of Science and Technology, Florida A&M University, Tallahassee, FL, United States						
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	Varshney R.K.	Center of Excellence in Genomics, International Crops Research Institute for the Semi-Arid Tropics, Hyderabad, India						
Nickel(II) complex of 4-amino-N-(2-pyrimidinyl)benzenesulfonamide: Synthesis, spectroscopic characterization, antimicrobial activity, crystal structure, and hirshfeld surface analysis	Tailor S.M., Patel U.H.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Gujarat, India	Inorganic and Nano-Metal Chemistry	2017	24701556	https://www.tandfonline.com/toc/lrst21/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026826827&doi=10.1080%2f15533174.2016.1158186&partnerID=40&md5=3dca292c94dfe8372e7b78d2c8db280	Scopus
Isometric multipliers of a vector valued Beurling algebra on a discrete semigroup	Dabhi P.A., Pandey M.K.	Department of Mathematics, Sardar Patel University, Vallabh Vidyanagar, 388 120, India	Proceedings of the Indian Academy of Sciences: Mathematical Sciences	2017	02534142	https://www.ias.ac.in/Journals/Proceedings_%E2%80%93_Mathematical_Sciences/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012076871&doi=10.1007%2f12044-016-0297-0&partnerID=40&md5=5d75d53bb9c28aa5fd0e49a760a7cea6	Scopus
Pyridine and 3-methylpyridine solvates of the triple sulfa drug constituent sulfamethazine	Patel U.H., Purohit K.P.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388 120, India	Acta Crystallographica Section C: Structural Chemistry	2017	20532296	https://journals.iucr.org/c/services/about.html	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007545217&doi=10.1107%2fS205329616015898&partnerID=40&md5=c703c41b81c0569b9e38840a0548ddec	Scopus

Simultaneous Saccharification and Fermentation of Low Strength Sodium Hydroxide Pre-treated Rice Straw for Higher Ethanol Yields: Batch and Fed Batch Hybrid Approach	Narra M., James J.P., Balasubramanian V., Shah D., Kurchania A., Harijan M.R.	Sardar Patel Renewable Energy Research Institute, P. Box No.2, Vallabh Vidyanagar, Gujarat 388 120, India	Waste and Biomass Valorization	2017	18772641	https://www.springer.com/journal/12649	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85001821032&doi=10.1007%2fs12649-016-9671-5&partnerID=40&md5=ab31e202a01bad1f6587ccd9f4f3f13e	Scopus
	Divecha J.	Department of Statistics, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388 120, India						
Near infrared imaging spectrograph (NIRIS) for ground-based mesospheric OH(6-2) and O ₂ (0-1) intensity and temperature measurements	Singh R.P.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, 388 120, India	Journal of Earth System Science	2017	23474327	https://www.ias.ac.in/Journals/Journal_of_Earth_System_Science	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029597382&doi=10.1007%2fs12040-017-0865-4&partnerID=40&md5=97c9f12b8b486c2af38688097db3b735	Scopus
	Pallamraju D.	Space and Atmospheric Sciences Division, Physical Research Laboratory, Ahmedabad, 380 009, India						

Masses of T4c tetra quark state in a relativistic formalism	Vinodkumar P.C., Bhavsar T.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, 388120, India	Proceedings of Science	2017	18248039	https://pos.sissa.it/310/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052849834&partnerID=40&md5=16bbf1f6003f9ba2b4eaa6f6a73548db	Scopus
	Shah M.	P. D. Patel Institute of Applied Sciences, CHARUSAT, Changa, 388421, India						
Ionic liquid promoted facile and green synthesis of 1,8-dioxo-octahydroxanthene derivatives under microwave irradiation	Dadhania A.N., Patel V.K.	Department of Advanced Organic Chemistry, P. D. Patel Institute of Applied Sciences, Charotar University of Science and Technology (CHARUSAT), Changa, Gujarat, India	Journal of Saudi Chemical Society	2017	13196103	https://www.sciencedirect.com/journal/journal-of-saudi-chemical-society	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892467538&doi=10.1016%2Fj.jscs.2013.12.003&partnerID=40&md5=a8e971c32af6015eaf1907a85bcb635b	Scopus
	Raval D.K.	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat, India						
Mean field potential approach to study thermodynamic properties of bcc iron	Kumar P.	Department of Science, Government Polytechnic, Gandhinagar, Gujarat 382024, India	High Temperatures - High Pressures	2017	00181544	https://www.oldcitypublishing.com/journals/hthp-home/hthp-issue-contents/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018768146&partnerID=40&md5=67095e60ea10b1e6456cbe587163f61b	Scopus

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	Vyas P.R., Gohel V.B.	Department of Physics, School of Science, Gujarat University, Ahmedabad, Gujarat 380009, India						
Thermodynamics and P-T phase diagram of lanthanum monosulfide	Patel A.B., Vyas P.R.	Department of Physics, School of Sciences, Gujarat University, Ahmedabad, Gujarat 380 009, India	High Temperatures - High Pressures	2017	00181544	https://www.oldcitypublishing.com/journals/hthp-home/hthp-issue-contents/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018760524&partnerID=40&md5=c74e64d3ecd7615ff6a4da75fe4aba7a	Scopus
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Role of a phenothiazine/phenoxazine donor in solid ionic conductors for efficient solid state dye sensitized solar cells	Vaghasiya J.V., Sonigara K.K., Prasad J., Soni S.S.	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388 120, India;	Journal of Materials Chemistry A	2017	20507488	https://pubs.rsc.org/en/journals/journalissues/ta#!recentarticles&adv	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015337221&doi=10.1039%2fc6ta09777d&partnerID=40&md5=18141ad2293e27d1be4365583a4df8f6	Scopus
	Beuvier T., Gibaud A.	Institut des Molécules et Matériaux du Mans, Université du Maine, UMR CNRS 6283, Avenue Olivier Messiaen, Le Mans Cedex 9, 72085, France						
Anti-termite activity of certain plants against <i>odontotermes obesus</i>	Patel K.K., Narasimhacharya A.V.R.L.	Department of Bioscience, Sardar Patel University, Satellite Campus, Vadtal Road, Anand, Bakrol, Gujarat 388 115, India	Journal of Biopesticides	2017	0974391X	http://www.jbiopest.com/users/LW8/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043794670&partnerID=40&md5=37b8c660a671a200246b38902835f54b	Scopus

Bioconversion of pretreated sugarcane bagasse using enzymatic and acid followed by enzymatic hydrolysis approaches for bioethanol production	Patel H., Chapla D., Shah A.	Department of Bioscience, Sardar Patel University, Satellite Campus, Vadtal Road, Bakrol, Gujarat 388315, India	Renewable Energy	2017	09601481	https://www.sciencedirect.com/journal/renewable-energy	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015995749&doi=10.1016%2fj.renene.2017.03.057&partnerID=40&md5=c41e99d6d607972433dfb71ae521efd5	Scopus
Hydrodynamic journal bearing lubricated with a ferrofluid	Patel N.S.	Mechanical Engineering Department, Faculty of Technology, Dharmsinh Desai University, Nadiad, India	Industrial Lubrication and Tribology	2017	00368792	https://www.emerald.com/insight/publication/issn/0036-8792	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030118099&doi=10.1108%2fILT-08-2016-0179&partnerID=40&md5=888c03bdd297344f87bb48551dcb25cc	Scopus
	Vakharia D.	Mechanical Engineering Department, Sardar Vallabhbhai National Institute of Technology, Surat, India						
	Deheri G.	Mathematics Department, Sardar Patel University, Vallabh Vidyanagar, Anand, Gujarat, 388120, India						

Ferrofluid lubrication of a rough porous secant-shaped slider bearing with slip velocity	Patel J.R.	Department of Mathematical Sciences, P D Patel Institute of Applied Sciences, CHARUSAT, Changa, Anand, Gujarat, 388421, India	Journal of the Serbian Society for Computational Mechanics	2017	18206530	http://www.sscm.kg.ac.rs/jsscm/index.php/volume-11-number-1-2017	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040797854&doi=10.24874%2fjsscm.2017.11.01.07&partnerID=40&md5=8fbeb43d824d12d76dc8e6e57309d4ef	Scopus
	Deheri G.M., Patel S.J.	Department of Mathematics, Sardar Patel University Vallabh Vidyanagar Anand, Gujarat, 388120, India						
A Smart Flexible Zinc Battery with Cooling Recovery Ability	Zhao J., Chen B., Zhang J., Cui G.	Qingdao Industrial Energy Storage Research Institute, Qingdao Institute of Bioenergy and Bioprocess Technology, Chinese Academy of Sciences, Qingdao, 266101, China	Angewandte Chemie - International Edition	2017	14337851	https://onlinelibrary.wiley.com/journal/15213773	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020205192&doi=10.1002%2fanie.201704373&partnerID=40&md5=92c1424002ad96bd926d0476552813ce	Scopus
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	Chen L.	Beijing National Laboratory for Condensed Matter Physics, Institute of Physics, Chinese Academy of Sciences, Beijing, 100190, China						

Transfecting CHO-K1 cells: Comparison of CaPO4, electroporation and lipoplex method with in-house prepared polyplex	Desai P.	Department of Cell and Molecular Biology, B. V. Patel Pharmaceutical Education, Research and Development (PERD) Centre, Ahmedabad, 380 054, India	Indian Journal of Pharmaceutical Sciences	2017	0250474X	https://www.ijpsonline.com/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85037149263&doi=10.4172%2fpharmaceutical-sciences.1000276&partnerID=40&md5=c01115847b996be25968cb84a306dc1a	Scopus
	Yagnik B., Sharma D., Padh H.	Department of Bioscience, Sardar Patel University, Vallabh Vidhyanagar, 388 120, India						
	Khan A., Desai N.,	CPL Biologicals Pvt. Ltd., Ahmedabad, 382 210, India						
1,2,4-Triazole and 1,3,4-oxadiazole analogues: Synthesis, MO studies, in silico molecular docking studies, antimalarial as DHFR inhibitor and antimicrobial activities	Thakkar S.S., Ray A.	Advanced Organic Chemistry Department, P.D. Patel Institute of Applied Sciences, CHARUSAT, Changa	Bioorganic and Medicinal Chemistry	2017	09680896	https://www.science-direct.com/journal/bioorganic-and-medicinal-chemistry	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020520759&doi=10.1016%2fj.bmc.2017.05.054&partnerID=40&md5=3ce5728a44c7fe9ff09d803a175ed313	Scopus
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Experimental performance analysis of ferrofluid based hydrodynamic journal bearing with different combination of materials	Patel N.S.	Mechanical Engineering Department, Faculty of Technology, Dharmsinh Desai University, Nadiad, Gujarat 387001, India	Wear	2017	00431648	https://www.sciencedirect.com/journal/wear	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020817799&doi=10.1016%2fj.wear.2017.01.113&partnerID=40&md5=ba39fb6783260830e1b462ca7cdb433b	Scopus
	Vakharia D.P.	Mechanical Engineering Department, Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat 395007, India						
	Deheri G.M.	Mathematics Department, Sardar Patel University, Vallabh Vidhynagar, Anand, Gujarat 388120, India						
	Patel H.C.	Mathematics Department, L. D. College of Engineering, Opp. Gujarat University, Ahmedabad, Gujarat, India						

Thickness-dependent electrochromic properties of Amorphous tungsten trioxide thin films	Patel K.J., Bhatt G.G.,	BITS Edu Campus, Varnama, Vadodara, Gujarat, India	Journal of Nano-and Electronic Physics	2017	20776772	https://jnep.sumdu.edu.ua/en/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021827991&doi=10.21272%2fjnep.9%283%29.03040&partnerID=40&md5=1248214bba7f8431e3d36da95f05178f	Scopus
	Patel S.S., Desai R.R.,	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat, 388120, India						
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	Panchal C.J., Suryavanshi P.	The M. S. University of Baroda, Vadodara, 390001, India						
	Kheraj V.A.	S. V. National Institute of Technology, Surat, 395007, India						
	Opanasyuk A.S.	Sumy State University, 2, Rymyskyi-Korsakov Str., Sumy, 40007, Ukraine						

Hydromagnetic squeeze film in rough porous narrow journal bearing: A study of slip effect	Shukla S.	Department of Mathematics, Shri R.K.Parikh Arts and Science College Petlad, Dantali-Road At-Po: Petlad, Gujarat 388450, India	Tribology Online	2017	1881218X	https://www.jstage.jst.go.jp/browse/trol/char/en	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030259871&doi=10.2474%2ftrol.12.177&partnerID=40&md5=3014c34a7c1421f82c8e666f35122e31	Scopus
	Deheri G.	Department of Mathematics, Sardar Patel University, Vallabh VidyanagarGujarat 388120, India						
Novel 2,3-disubstituted quinazoline-4(3H)-one molecules derived from amino acid linked sulphonamide as a potent malarial antifolates for DHFR inhibition	Patel T.S., Vanparia S.F., Patel B.D., Dixit B.C.	V. P. & R. P. T. P Science College, Affiliated to Sardar Patel University, Vallabh VidyanagarGujarat 388 120, India	European Journal of Medicinal Chemistry	2017	02235234	https://www.science-direct.com/journal/european-journal-of-medicinal-chemistry	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013218772&doi=10.1016%2fj.ejmec h.2017.02.012&partnerID=40&md5=1384bcf249c23d9531b6bc042cff4e17	Scopus
	Patel U.H.	Department of Physics, Sardar Patel University, Vallabh VidyanagarGujarat 388 120, India						

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	Chudasama C.J.	Department of Biochemistry, Shree Alpesh N. Patel P. G. Institute, Affiliated to Sardar Patel University, AnandGujarat 388001, India						
Shigellosis murine model established by intraperitoneal and intranasal route of administration: a comparative comprehension overview	Sharma D., Yagnik B.	Department of Bioscience, Sardar Patel University, Vallabh VidhyanagarGujarat 388120, India	Microbes and Infection	2017	12864579	https://www.sciencedirect.com/journal/microbes-and-infection	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85001950447&doi=10.1016%2fj.micinf.2016.09.002&partnerID=40&md5=671a71525f9e2b6b6cd5896dbc8046e8	Scopus

	Baksi R.	Department of Pharmacology and Toxicology, B. V. Patel Pharmaceutical Education and Research Development (PERD) Centre, Ahmedabad, Gujarat 380054, India						
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Microalgal hydrogen production – A review	Khetkorn W.	Department of Bioscience	Bioresource Technology	2017	09608524	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026415804&doi=10.1016%2fj.biortech.2017.07.085&partnerID=40&md5=4f4bc76268410621d63109734b4e4c66	Scopus	
	Rastogi R.P.	Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi, 110 003, India						
	Incharoensakdi A.	Laboratory of Cyanobacterial Biotechnology, Department of Biochemistry, Faculty of Science, Chulalongkorn University, Phayathai Road, Bangkok, 10330, Thailand						
	Lindblad P.	Microbial Chemistry, Department of Chemistry-Ångström, Uppsala University, Box 523, Uppsala, SE-75120, Sweden						

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Payn Na Pakhn	Dr. Dayashankar Tripathi	Department of Hindi	Dastavej	2017	2321-5968	https://ugccare.unipune.ac.in/apps1/Content/Files/pdf/Dastavej-%20July-Sept.%202019.pdf	522.pdf	UGC-CARE

A novel strain of Pseudomonas inhibits Colletotrichum gloeosporioides and Fusarium oxysporum infections and promotes germination of coffee	Tekalign Kejela, Vasudev R. Thakkar, Ravi R. Patel,R B Subramanian,	Department of Bioscience	Rhizosphere	2017	2452-2198	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034062041&doi=10.1016%2fj.rhisph.2017.05.002&partnerID=40&md5=d2e0555661f974ad0821536c1be15dfc	Scopus
	S S Thakkar	Charotar University of Science & Technology, Changa					
	A Ray	P D Patel Institute of Applied Sciences, Anand, Anand, India					
Benzothiazole analogues: synthesis, characterization, MO calculations with PM6 and DFT, in silico studies and in vitro antimalarial as DHFR inhibitors and antimicrobial activities	P Thakor, V R Thakkar	Department of Bioscience	Bioorganic and Medicinal Chemistry	2017	0968-0896	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026781038&doi=10.1016%2fj.bmc.2017.07.057&partnerID=40&md5=5756c0eab829f1baee9017775af8eb78	Scopus
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	A Ray	P D Patel Institute of Applied Sciences, Anand, Anand, India					

	H Doshi	Ashok & Rita Patel Institute of Integrated Study & Research in Biotechnology And Allied Sciences,						
Draft genome sequence of a thermostable, alkaliphilic α -amylase and protease producing <i>Bacillus amyloliquefaciens</i> strain KCP2.	Sanket Ray, Kamlesh C. Patel, Ujval B. Trivedi	Department of Bioscience	3 Biotech	2017	2190-572X	https://www.springer.com/journal/13205	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032853984&doi=10.1007%2fs13205-017-1005-1&partnerID=40&md5=3a5ecaac648b3efbc13ad58eab5a1b19	Scopus
	Vimalkumar S. Prajapati, R. M. Patel	Navsari Agricultural University, Navsari						
	Chaitanya C. Joshi	Gujarat Biotechnology Research Centre (GBRC), Gandhinagar						
	Jitendra Narayan	University of Namur						
Improvement of post-harvest quality of pear fruit with optimized composite edible coating formulation	Rudri K. Dave, T. V. Ramana Rao and A. S. Nandane	Department of Bioscience	<i>Journal of Food Science and Technology</i>	2017	0022-1155	https://www.springer.com/journal/13197	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029043835&doi=10.1007%2fs13197-017-2850-y&partnerID=40&md5=fd0ad4ae135459a6287908551a54a2c8	Scopus
	A. S. Nandane	A. D. Patel Institute of Technology						

Micropropagation of <i>Combretum ovalifolium</i> Roxb.: a medicinally important plant.	Kher MM, Nataraj M*	Department of Bioscience	Rendiconti Lincei	2017	1120-6349	https://www.springer.com/journal/12210/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020677295&doi=10.1007%2fs12210-017-0625-z&partnerID=40&md5=4f668bc16371480a22677c4c4360b5d6	Scopus
Molecular cloning heterologous expression, and functional characterization of a cellulolytic enzyme (Cel PRII) from buffalo rumen metagenome.	Ravi K. Shah, Ramalingam B. Subramanian, Kamlesh C. Patel, M. Deshpande D. Madamwar	Department of Bioscience	3 Biotech	2017	2190-572X	https://www.springer.com/journal/13205/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85025473543&doi=10.1007%2fs13205-017-0895-2&partnerID=40&md5=5f9d8fb15f3355d666e2e9d0f24e66eb	Scopus
	Amrutlal K. Patel	Vaccine and Infectious Disease Organization - International Vaccine Centre, Saskatoon, Canada						
	Dipti M. Davla	Birla Vishvakarma Mahavidyalaya Engineering College, Vallabh Vidyanagar						
	Ishan K. Parikh, Subhash J. Jakhesara Chaitanya C. Joshi	College of Veterinary Science and Animal Husbandry Gujarat,						

Optimization of edible coating formulations for improving postharvest quality and shelf life of pear fruit using Response Surface Methodology	Rudri K. Dave and T. V. Ramana Rao	Department of Bioscience	<i>Journal of Food Science and Technology</i>	2017	0022-1155	https://www.springer.com/journal/13197	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006860790&doi=10.1007%2fs13197-016-2359-9&partnerID=40&md5=19039ba24ec08e5e4a8573b00ec7665f	Scopus
	S. Nandane	A. D. Patel Institute of Technology						
Phytol induces ROS mediated apoptosis by induction of caspase 9 and 3 through activation of TRAIL, FAS and TNF receptors and inhibits tumor progression factor Glucose 6 phosphate dehydrogenase in lung carcinoma cell line (A549)	ParthThakor Ramalingam Subramanian Sampark S. Thakkar ArabindaRay Vasudev R.Thakkar	Department of Bioscience	Biomedicine & Pharmacotherapy	2017	0753-3322	https://www.science-direct.com/journal/biomedicine-and-pharmacotherapy	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020029119&doi=10.1016%2fj.biopha.2017.05.066&partnerID=40&md5=d50b6f7c5b54b595aa900e06a8540739	Scopus
	Sampark S. Thakkar	Charotar University of Science & Technology, Changa						
	ArabindaRay Vasudev	P D Patel Institute of Applied Sciences, Anand						
Purification and antioxidant activity of phycocyanin from <i>Synechococcus</i> sp. R42DM isolated from industrially polluted site	R. R. Sonani, Patel, Stuti Nareshkumar, Bhastana, Bela, Jakharia, Kinnari, Chaubey, Mukesh GhanshyamSingh, Niraj Kumar Madamwar, D	Department of Bioscience	<i>Bioresource Technology</i>	2017	0960-8524	https://www.science-direct.com/journal/bioresourcetchnology	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028941915&doi=10.1016%2fj.biortech.2017.08.129&partnerID=40&md5=34fac0f0631782a998b8b3d62f11154b	Scopus

Comparative study on Negative Political Advertisements with specific focus on attack and rebuttal television campaign from Indian perspective	M J Jayswal	Department of Business Administration (MBA)	Journal of creative communication (Sage)	2017	0973-2586	https://journals.sagepub.com/home/crc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026311217&doi=10.1177%2f0973258617708373&partnerID=40&md5=10f728c1e4bcc6bbc525150575b2315b	Scopus
“Ultrasound promoted L-proline catalyzed facile synthesis and antimicrobial evaluation of 4 <i>H</i> -chromeno[2,3- <i>d</i>]pyrimidine derivatives incorporated with quinoline moiety.	Manish P. Patel.	Department of Chemistry	Indian Drugs	2017	0019-462X	http://www.indiandrugsonline.org/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85031316717&partnerID=40&md5=8937c209d47a1156ce78f223d14689c3	Scopus
	Ankit J. Patel and	Gottfried Wilhelm Leibniz Universität Hannover, Hannover						
Amphiphilic copolymers and surface active ionic liquid systems in aqueous media – surface active and aggregation characteristics	D. K. Singh, N. V. Sastry, P. A . Trivedi	Department of Chemistry	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2017	0927-7757	https://www.science-direct.com/journal/colloids-and-surfaces-a-physicochemical-and-engineering-aspects	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018337138&doi=10.1016%2fj.colsurf.a.2017.04.033&partnerID=40&md5=b8b5ce9be12a1f50f178cfa455e3ebb0	Scopus
An Efficient Iodobenzene Diacetate (Ibd) Catalyzed Tetrazolo[1,5- <i>A</i>] Quinoline Incorporated 1,3,4-Oxadiazole Nucleus: Synthesis, Characterization And Biological Evaluation	Nirav H. Sapariya, Beena K. Vaghasiya, Rahul P. Thummar, Ronak D. Kamani, Kirit H. Patel and Dipak K. Raval	Department of Chemistry	Heterocyclic Letters	2017	2231 - 3087	https://heteroletters.org/	551.pdf	WoS

An efficient synthesis of 4H-pyrano quinolinone derivatives catalysed by a versatile organocatalyst tetra-n-butylammonium fluoride and their pharmacological screening.	Prasad, P., Shobhashana, P.G. and Patel, M.P.	Department of Chemistry	Royal Society Open Science	2017	2054-5703	https://royalsocietypublishing.org/journal/rsos	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85036538823&doi=10.1098%2frsos.170764&partnerID=40&md5=df0deb5c5411ed6cdc079a23a53c69ee	Scopus
Antimicrobial and antioxidant evaluation of new quinolone based aurone analogs.	Jardosh, H. H., & Patel, M. P.	Department of Chemistry	Arabian Journal of Chemistry	2017	1878-5352	https://www.science-direct.com/journal/arabian-journal-of-chemistry	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902237238&doi=10.1016%2fj.arabj.2014.05.014&partnerID=40&md5=2f1831dd7597147eb710c13d24c5630e	Scopus
Biological behavior of quinazolin-4(3h)-one derivative based Platinum(ii) compounds	Miral V. Lunagariya, Khyati P. Thakor, Mohan N. Patel	Department of Chemistry	Heterocyclic Letters	2017	2231 - 3087	https://heteroletters.org/index.html	554.pdf	WoS
Design and Synthesis of Heteroleptic Iridium(III) Phosphors for Efficient Organic Light Emitting Devices	Sudhir Kumar, K. R. Surati	Department of Chemistry	ACS Inorganic Chemistry	2017	0020-1669	https://pubs.acs.org/journal/inocaj	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85038614317&doi=10.1021%2facs.inorgchem.7b02872&partnerID=40&md5=9ecc3c007b064ff44322fa503836c065	Scopus
	Sudhir Kumar	Indian Institute of Technology Madras,						
	Robert Lawrence	Queen's University Belfast, Belfast, United Kingdom						

	Sergii Yakunin, Maksym V. Kovalenko	Empa - Swiss Federal Laboratories for Materials Science and Technology						
	Elton J.G. Santos	The University of Edinburgh						
	Chih-Jen Shih	ETH Zürich, Zurich ZH., Switzerland						
Design, synthesis, pharmacological evaluation and DNA interaction studies of binuclear Pt(II) complexes with pyrazolo[1,5-a]pyrimidine scaffold	Miral V. Lunagariya, Khyati P. Thakor, Nikita J. Patel, Mohan N. Patel	Department of Chemistry	Applied Organometalic Chemistry	2017	0268-2605	https://onlinelibrary.wiley.com/journal/10990739	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040541620&doi=10.1002%2faoc.4222&partnerID=40&md5=3549c396dad49f78b5e5cd0408f428f7	Scopus
Different pH triggered aggregate morphologies in sodium oleate – cationic surfactants mixed systems	N. V. Sastry	Department of Chemistry	New Journal of Chemistry	2017	1144-0546	https://www.rsc.org/journals-books-databases/about-journals/njc/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027979474&doi=10.1039%2fc6nj03871a&partnerID=40&md5=511d4b7bdf34e5a714ca1ccc4525e9ab	Scopus
	N. Dhariya	Shri P. L. Chauhan Science College, Surat,						
	U. Patel	University of California, Irvine						
	D. Ray V. K. Aswal	Bhabha Atomic Research Centre, Mumba						
	P. Bahadur	Veer Narmad South Gujarat University						

Effect of fluorine substitution and position on phenylene spacer in carbazole based organic sensitizers for dye sensitized solar cells	KEval K. Sonigara, Saurabh S. Soni,	Department of Chemistry	Physical Chemistry Chemical Physics	2017	1463-9076	https://www.rsc.org/journals-books-databases/about-journals/PCCP/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032832096&doi=10.1039%2fc7cp05226j&partnerID=40&md5=cd1a311e992032b1e32fab5c13b5eb0d	Scopus
	Mohammad Adil Afroz, Telugu Bhim Raju, Parameswar K. Iyer	Indian Institute of Technology Guwahati,						
Effect of hydrocarbon surfactants on dexamethasone solubilization into silicone surfactant micelles in aqueous media and its release from agar films as carriers	N. V. Sastry, D. K. Singh, A. D. Thummar,	Department of Chemistry	Journal of Molecular Liquids	2017	0167-7322	https://www.science-direct.com/journal/journal-of-molecular-liquids	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995753138&doi=10.1016%2fj.molliq.2016.11.034&partnerID=40&md5=bc1b25cf4e7ca5501ca0541642a02da3	Scopus
	G. Verma, P. A. Hassan	Bhabha Atomic Research Centre						
Facile synthesis and biological evaluation of New Mannich products as potential antibacterial, antifungal and antituberculosis agents: molecular docking study.	Patel HM	Department of Chemistry	Current Bioactive Compounds	2017	1573-4072	https://benthamscience.com/journals/current-bioactive-compounds/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020850526&doi=10.2174%2f1573407212666160517145130&partnerID=40&md5=cead5d81ebad64b339383f7f075dcd9	Scopus

	Patel KD	The Gujarat Cancer & Research Institute, Ahmedabad						
	Patel HD	Gujarat University, Ahmedabad, Ahmedabad						
Green approach for synthesis of bioactive Hantzsch 1,4-dihydropyridine derivatives based on thiophene moiety via multicomponent reaction	M. G. Sharma and H. M. Patel,	Department of Chemistry	Royal Society Open Science	2017	2054-5703	https://royalsocietypublishing.org/journal/rsos	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020869931&doi=10.1098%2frsos.170006&partnerID=40&md5=4687e9bf2718d3b8370bb03e4258c8b4	Scopus
	D. P. Rajani	Microcare Laboratory and TRC, Surat						
Iodine induced 1-D lamellar self assembly in organic ionic crystals for solid state dye sensitized solar cells	Jayraj V. Vaghasiya, Keval K. Sonigara, Saurabh S. Soni	Department of Chemistry	Nanoscale	2017	0957-4522	https://www.springer.com/journal/10854?referer=www.springeronline.com	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032623280&doi=10.1039%2fc7nr06128e&partnerID=40&md5=04b89464cfb6bb77bb3854729e01cfec	Scopus
	Thomas Beuvier, A. Gibaud,	Institut des Molécules et Matériaux du Mans, Le Mans						

Library design, synthesis and biological exploration of novel 3,4'-bicarbostryl derivatives as potent antimicrobial, antitubercular and antimalarial agents.	Hardik H. Jardosh, Nileshkumar D. Vala, Manish P. Patel,	Department of Chemistry	Medicinal Chemistry Research	2017	1054-2523	https://www.springer.com/journal/00044?referer=www.springeronline.com	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013036521&doi=10.1007%2fs00044-017-1797-x&partnerID=40&md5=1175353c37478516c86ee586d4853e00	Scopus
Microwave-assisted, solvent-free, one-pot, three-component synthesis of fused pyran derivatives containing benzothiazole nucleus catalyzed by pyrrolidine-acetic acid and their biological evaluation.	Haresh B. Patel, Jayvirsinh D. Gohil, Manish P. Patel,	Department of Chemistry	Monatshefte fur Chemie	2017	0026-9247	https://www.springer.com/journal/00706?referer=www.springeronline.com	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013628204&doi=10.1007%2fs00706-016-1875-7&partnerID=40&md5=d68f68f06e71700b86428e169c404d58	Scopus
One-Pot Catalyst-Free Direct Sulfenylation of 1-Aryl Pyrazolones with Aryl Thiols at Room Temperature	Ronak D. Kamani, Vishal B. Purohit, Rahul P. Thummar, Nirav H. Sapariya, Beena K. Vaghasiya, Kirit H. Patel, and Dipak K. Raval	Department of Chemistry	ChemistrySelect	2017	2365-6549	https://www.wiley.com/en-us/ChemistrySelect-p-9780JRNL76542	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041701291&doi=10.1002%2fslct.201701924&partnerID=40&md5=8d718d260fbbe2f82e81acc241e5844e	Scopus
	Chandankumar T. Pashavan, Manish K. Shah	Saurashtra University						

Ruthenium(II) Arene NSAID Complexes: Inhibition of Cyclooxygenase and Antiproliferative Activity Against Cancer Cell Lines	K. Vyas	Department of Chemistry	Dalton Transactions	2017	1477-9226	https://www.rsc.org/journals-books-databases/about-journals/dalton-transactions/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040185642&doi=10.1039%2fc7dt03637j&partnerID=40&md5=1996af199f8002e4f642b7e0ea1ca193	Scopus
	P. Mandal	HZDR - Helmholtz-Zentrum Dresden-Rossendorf, Dresden, Germany						
	S. Mukhopadhyay, B. Kundu	Indian Institute of Technology Indore						
	K. Bhabak, D. Bhattacharjee	Indian Institute of Technology Guwahati, Guwahati						
	V. Sabu, A. Helen	University of Kerala, Thiruvananthapuram						
	S. Dhankhar, C. M. Nagaraja	Indian Institute of Technology Ropar, Rupnagar						
Surface activity, micellization, and solubilization of cationic Gemini surfactant – conventional surfactants mixed systems	N. V. Sastry	Department of Chemistry	Journal of Molecular Liquids	2017	0167-7322	https://www.science-direct.com/journal/journal-of-molecular-liquids	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006741789&doi=10.1016%2fj.molliq.2016.11.017&partnerID=40&md5=2401c40c60b1cdb20266756d805240ca	Scopus
	U. Patel	University of California, Irvine						
	P. Bahadur, P. Parekh	Veer Narmad South Gujarat University						

	V. K. Aswal	Bhabha Atomic Research Centre						
Synthesis And Characterization Of Microwave Induced Pyrano [3, 2-C] Chromene, Pyrano [4, 3- <i>b</i>] Pyran And 4 <i>H</i> -Chromene Derivatives Of Substituted 2-(4-Substituted) Phenyl- <i>N</i> -Allyl-Indole, And Their Biological Screening.	Prasad, P., Shobhashana, P.G. and Patel, M.P.,	Department of Chemistry	Heterocyclic Letters	2017	2231 - 3087	https://heteroletters.org/index.html	592.pdf	WoS
Synthesis, Characterization Of New 1, 2, 4-Triazole Derivatives Bearing Quinoline Nucleus And Their Antimicrobial And Antitubercular Evaluation.	Shobhashana, P.G., Prasad, P. and Patel, M.P.	Department of Chemistry	Heterocyclic Letters	2017	2231 - 3087	https://heteroletters.org/index.html	593.pdf	WoS
Synthesis, characterization, in silico molecular docking study and biological evaluation of a 5-(phenylthio) pyrazole based polyhydroquinoline core moiety	Nirav H. Sapariya, Beena K. Vaghasiya, Rahul P. Thummar, Ronak D. Kamani, Kirit H. Patel, Parth Thakor, Arabinda Ray and Dipak K. Raval	Department of Chemistry	New Journal of Chemistry	2017	1144-0546	https://www.rsc.org/journals-books-databases/about-journals/njc/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029943785&doi=10.1039%2fc7nj01962a&partnerID=40&md5=77cfcae5be52478434aeacaf87fd5b36	Scopus
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Transition Metal Nano-alloys: Potential Catalyst for Thermal Decomposition of Ammonium Perchlorate	Shalini Chaturvedi, Pragnesh N Dave, Nikul N Patel & Pravin Ram	Department of Chemistry	International Journal of Energetic Materials and Chemical Propulsion	2017	2150-766X	https://www.dl.begellhouse.com/journals/17bbb47e377ce023.html	https://www.dl.begellhouse.com/journals/17bbb47e377ce023/3,568e196b14e53304,767b5fee2a606f59.html#	Scopus

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Synthesis, characterization and biological application of cyclometalated heteroleptic platinum(II) complexes	Miral V. Lunagariya, Khyati P. Thakor, Nikita J. Patel, Mohan N. Patel	Department of Chemistry	Applied Organometallic Chemistry	2017	0268-2605	https://onlinelibrary.wiley.com/journal/10990739	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030318847&doi=10.1002%2faoc.4045&partnerID=40&md5=af42dab6367be446be6c11d99a5eef3c	Scopus
Twisted donor substituted simple thiophene dyes retard the dye aggregation and charge recombination in dye-sensitized solar cells	, Jayraj V.Vaghasiya, Saurabh S.Soni	Department of Chemistry	<u>Organic Electronics</u>	2017	1566-1199	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85024870906&doi=10.1016%2fj.orgel.2017.07.019&partnerID=40&md5=29fe92313daa30340df191fede34491d	Scopus	

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Ferrite: Potential nano-modifier for Rocket Propellants	Pravin Ram, Shalini Chaturvedi	Krantiguru Shyamji Krishna Verma Kachchh University, Mundra Road, Bhuj, Gujarat 370 001, India	International Journal of Energetic Materials and Chemical Propulsion	2017	2150-766X	https://www.dl.begellhouse.com/journals/17bbb47e377ce023.html	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050404768&doi=10.1615%2fIntJEnergeticMaterialsChemProp.2018013434&partnerID=40&md5=c0142e8641fb681b19a4d8ab03908c61	Scopus
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Enhancement of Security in AODV Routing Protocol Using Node Trust Path Trust Secure AODV (NTPTSAODV) for Mobile Adhoc Network (MANET)	Suchita Patel, Priti Srinivas Sajja	Department of Computer Science	Smart Innovation, Systems and Technologies	2017	2190-3018	https://www.springer.com/series/8767	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028395013&doi=10.1007%2f978-3-319-63645-0_11&partnerID=40&md5=67ecb96626083f2fbc609527d4b079b0	Scopus
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The Performance Optimization of Thin-Film Solar Converters Based on n-ZnMgO / p-CuO Heterojunctions	P.B. Patel, S.S. Patel, R.R. Desai, V. H. Patel	Department of Electronics	Journal of Nano and Electronic Physics,	2017	2077-6772	https://jnep.sumdu.edu.ua/en/component/main/about	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026635021&doi=10.21272%2fjnep.9%284%29.04002&partnerID=40&md5=2235381ea50cd394cce0142f6f41fea5	Scopus
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	C.J. Panchal, Priya Suryavanshi	The Maharaja Sayajirao University of Barod						
	V.A. Kheraj,	S. V. National Institute of Technology						
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	J.R. Ray	Uka Tarsadia University, Tarsadi						
Thermoelectric properties of the colloidal Bi ₂ S ₃ -based nanocomposites	C. J.Panchal	Department of Electronics	Journal of Nano and Electronic Physics	2017	2077-6772	https://jnep.sumdu.edu.ua/en/component/main/about	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026650516&doi=10.21272%2fjnep.9%284%29.04028&partnerID=40&md5=26cca62024779dba3e64948f8a13700e	Scopus

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	U.B.Trivedi and Priya Suryavanshi	The M.S. University of Baroda, Vadodara, 390001, India						
	V. A.Kheraj	S. V. National Institute of Technology, Surat, 395007, India						
Do Business School Libraries Outsource? A Study of Gujarat State	Lavji N. Zala	Department of Library And Information Science	SRELS Journal of Information Management	2017	0972-2467	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101001113&flag=Search	616.pdf	UGC-CARE
Analytic continuation of multiple Hurwitz zeta functions	Jay Mehta	Department of Mathematics	Journal of the Mathematical Society of Japan	2017	0025-5645	http://mathsoc.jp/publication/JMSJ/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032792705&doi=10.2969%2fjmsj%2f06941431&partnerID=40&md5=1c860b0b160b22ba213501d389cb30bc	Scopus
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Spectral Properties and stability of perturbed Cartesian product	P. A. Dabhi and S. K. Patel	Department of Mathematics	Proceedings of the Indian Academy of Sciences: Mathematical Sciences	2017	0253-4142	https://www.springer.com/journal/12044	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028975254&doi=10.1007%2fs12044-017-0354-3&partnerID=40&md5=30974ab503c51b634f218d0d10bcbc93	Scopus
Crystal growth, characterization and photo detection properties of 2H-V0.75W0.25Se2 ternary alloy with 1T-VSe2 secondary phase.	Pratik Pataniya, G.K.Solanki, K.D.Patel, V.M.Pathak and C.K.Sumesh	Department of Physics	Materials Research Express	2017	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042703378&doi=10.1088%2f2053-1591%2faa9211&partnerID=40&md5=29709a3fa7464e176b58053b6878d0f6	Scopus
DFT studies, Hirshfeld surface analysis and crystal structure of novel silver complex of sulfapyridine with secondary ligand pyridine	RP Dubey, UH Patel, SM Tailor	Department of Physics	Molecular Crystals and Liquid Crystals	2017	1542-1406	https://www.tandfonline.com/toc/gmcl20/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85038394944&doi=10.1080%2f15421406.2017.1397432&partnerID=40&md5=5750306e6d975d278ae80926cf6ccf0c	SCOPUS
Ethyl 2-amino-1-(4-fluorophenyl)-5-oxo-4,5-dihydro-1H-pyrrole-3-carboxylate: crystal structure and Hirshfeld surface analysis	U. H. Patel, Bhavesh Socha	Department of Physics	<i>Acta crystallographica . Section E, Crystallographic communications</i>	2017	2056-9890	https://journals.iucr.org/e/	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5588575/	SCOPUS
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Excited state mass spectra and Regge trajectories of bottom baryons	P C Vinodkumar	Department of Physics	Nuclear Physics A	2017	0375-9474	https://www.science-direct.com/journal/nuclear-physics-a	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020222444&doi=10.1016%2fj.nuclphysa.2017.05.087&partnerID=40&md5=6eff333cd7b8486596376d789558cc61	Scopus
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	Kaushal Thakkar	Government College Daman						
High-temperature thermodynamics of silver: Semi-empirical approach	R. H. Joshi, B. Y. Thakore	Department of Physics	Chinese Physics B	2017	1674-1056	https://iopscience.iop.org/journal/1674-1056	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85033698226&doi=10.1088%2f1674-1056%2f26%2f11%2f116502&partnerID=40&md5=61463cd377868e5bfa383d4eb3eb9fbd	SCOPUS
	P. R. Vyas	Gujarat University, Ahmedabad						
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Scattering of electrons with formyl radical	Hitesh Yadav, Minaxi Vinodkumar, P C Vinodkumar	Department of Physics	Molecular Physics	2017	0026-8976	https://www.tandfonline.com/toc/tmph20/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013978575&doi=10.1080%2f00268976.2017.1293306&partnerID=40&md5=92a1fca3e9d815a0f122acb368e4020f	Scopus
	Chetan Limbachiya	The Maharaja Sayajirao University of Baroda						
Study on molecular structure, Spectral investigations, NBO, NLO, Hirshfeld surface analysis and Homo-Lumo energy of silver complex of 4-Amino-N-(2,6-dimethoxypyrimidin-4-yl)benzenesulfonamide	R.P Dubey, U.H Patel, B.D Patel	Department of Physics	Inorganic and Nano- Metal Chemistry	2017	2470-1556	https://www.tandfonline.com/loi/lstr21	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048150856&doi=10.1080%2f24701556.2017.1357635&partnerID=40&md5=d0f8236385852de9ad67e963d8f1a5e	SCOPUS
Synthesis, structural and photoluminescence properties of nano-crystalline Cu doped NiO	Kiran N Patel, M P Deshpande, Krishna Chauhan, Piyush Rajput, Vasant Sathe, Swati Pandya, SH Chaki	Department of Physics	Materials Research Express	2017	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043276154&doi=10.1088%2f2053-1591%2faa90ad&partnerID=40&md5=2c5c5ff2d9b2d4683b87dd5799235aef	SCOPUS

Transient photo-response properties of CdTe thin films synthesized by screen printing technique	C.U. Vyas, Pratik Pataniya, Chetan K. Zankat, V.M. Pathak, K.D. Patel, G.K. Solanki	Department of Physics	Materials Science in Semiconductor Processing	2017	1369-8001	https://www.science-direct.com/journal/materials-science-in-semiconductor-processing	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029814325&doi=10.1016%2fj.mssp.2017.08.003&partnerID=40&md5=5fb67aee1e8d181dda222dfe7898807b	Scopus
Study of SnS ₂ thin film deposited by spin coating technique	Chaki S.H., Joshi H.J., Deshpande M.P.	Department of Physics	Nano-Structure & Nano-Objects	2017	2352-507X	https://www.science-direct.com/journal/nano-structures-and-nano-objects	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027159557&doi=10.1088%2f2053-1591%2faa72b6&partnerID=40&md5=db67de2ec4cb7342275d1e1f773810bc	Scopus
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Cellulase-free-thermo-alkali-solvent-stable xylanase ... bio-bleaching potential	Jyoti Divecha	Department of Statistics	Biocatalysis and Agricultural Biotechnology	2017	1878-8181	https://www.science-direct.com/journal/biocatalysis-and-agricultural-biotechnology	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85031807163&doi=10.1016%2fj.bcab.2017.10.010&partnerID=40&md5=8ce84f7a3821ae5131f64ba2e7b4f3a6	Scopus
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Culture independent assessment of human milk microbial community in lactational mastitis	Anju P Kunjadiya	Center for Interdisciplinary Studies in Science and Technology (CISST)	Scientific Reports	2017	2045-2322	https://www.nature.com/srep/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044761831&doi=10.1038%2fs41598-017-08451-7&partnerID=40&md5=c177ffb478620d12a2e113194758c4f2	Scopus
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Sant sadhika	Ramesh Chaudhari	Department of Gujarati	Lokgurjari	2017	2320-8872	https://ugccare.unipune.ac.in/apps1/Content/Files/pdf/Lok%20Gurjari.pdf	645.pdf	UGC-CARE
A NOTE ON A PAPER BY PISZCZEK ON JORDAN DECOMPOSITION IN NONCOMMUTATIVE SCHWARTZ SPACE	Bhatt, SJ	Department of Mathematics	COLLOQUIUM MATHEMATICUM	2017	1730-6302	https://www.webofscience.com/wos/woscc/full-record/WOS:000403210200005	https://www.webofscience.com/wos/woscc/full-record/WOS:000403210200005	WoS
Development of a Cerium bromide gamma ray spectrometer for space applications	Panda, DK; Banerjee, D; Goyal, SK; Patel, AR; Shukla, AD	Sardar Patel Univesity	ADVANCES IN SPACE RESEARCH	2017	1879-1948	https://www.journals.elsevier.com/advances-in-space-research	https://www.webofscience.com/wos/alldb/full-record/WOS:000410018100015	WoS

Efficient synthesis and biological evaluation of new benzopyran-annulated pyrano[2,3-c]pyrazole derivatives	Labana, BM; Brahmbhatt, GC; Sutariya, TR; Parmar, NJ; Padron, JM; Kant, R; Gupta, VK	Department of Chemistry	MOLECULAR DIVERSITY	2017	1573-501X	https://www.springer.com/journal/11030	https://www.webofscience.com/wos/alldb/full-record/WOS:000401745100009	WoS
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<p>Feasibility study for the measurement of pi N transition distribution amplitudes at $(P)\overline{\text{bar}}\text{ANDA}$ in $(P)\overline{\text{bar}}\text{p} \rightarrow J/\psi \pi(0)$</p>	<p>Singh, B; Elm, W, Krusche, B; Steinacher, M; Walford, N; Liu, H; Liu, Z; Liu, B; Shen, X; Wang, C; Zhao, J; Albrecht, M; Erlen, T; Fink, M; Heinsius, FH; Held, T; Holtmann, T; Jasper, S; Keshk, I; Koch, H; Kopf, B; Kuhlmann, M; Kummel, M; Leiber, S; Mikirtychyants, M; Musiol, P; Mustafa, A; Pelizaeus, M; Pychy, J; Richter, M; Schnier, C; Schroder, T; Sowa, C; Steinke, M; Triffterer, T; Wiedner, U; Ball, M; Beck, R; Hammann, C; Ketzer, B; Kube, M; Mahlberg, P; Rossbach, M; Schmidt, C; Schmitz, R; Thoma, U; Urban, M; Walther, D; Wendel, C; Wilson, A; D'Amico, A;</p>	<p>Department of Physics</p>	<p>PHYSICAL REVIEW D</p>	<p>2017</p>	<p>2470-0029</p>	<p>https://journals.aps.org/prd/</p>	<p>https://www.webofscience.com/wos/allldb/full-record/WOS:000393744600003</p>	<p>WoS</p>
<p>Market co-Integration and Casualty Analysis of Barley in Rajasthan</p>	<p>Indira, Kumawat R.C. And Sharma Hemant</p>	<p>Agro-Economic Research Centre</p>	<p>International Journal of Agriculture Sciences</p>	<p>2017</p>	<p>0975-3710</p>	<p>https://www.iasar.org/iasar/journals/ijas</p>	<p>650.pdf</p>	<p>UGC Notified (Approved List of Journals)</p>

'Nyay' Kahina ka Anuvad	Anila Mishra	Department of Hindi	V-Vidyanagar Journal	2017	0976-9609	http://vvidyanagar.in/	651.pdf	UGC Notified (Approved List of Journals)
'Parijat' Upanyas Men	Anila Mishra	Department of Hindi	Sahitya Vithika	2017	2319-6513	Website is not available	652.pdf	UGC Notified (Approved List of Journals)
"Design of Opinion Mining Model for Opinions Review on World Wide Web by Mobile Computing"	Mr.Nayan S. Patel, Dr. D. B. Shah, Dr. H.B. Bhadka	Department of Computer Science	International Journal of Scientific Research in Science and Technology (IJSRST)	2017	2319-6513	https://ijsrst.com/	653.pdf	UGC Notified (Approved List of Journals)
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A forensic accounting scenario and it's implication in India.	Dr. Suresh P. Machhar	Department of Business Studies	Research Zone: A Journal of Multi Disciplines	2017	2319-8168	http://www.researchzoneindia.in/	655.pdf	UGC Notified (Approved List of Journals)
A Review on Learning Repositories and Fuzzy Xml in Education Field	Virparia P V, Mona G Dave	Department of Computer Science	National Journal of System and Information Technology	2017	0974-3308	http://srimca.edu.in/NJSIT.html	656.pdf	UGC Notified (Approved List of Journals)
A Review: Coix lacryma jobi L.	B.A. Patel, G. Patel, S.J. Parmar and S. Shah	Department of Pharmaceutical Science	Research Journal of Pharmacognosy and Phytochemistry	2017	0975-2331	http://rjpponline.org/	657.pdf	UGC Notified (Approved List of Journals)
A role behaviour of sexual satisfaction among single and both spouse serving couples	S.M.Makvana	Department of Psychology	Prajna- Journal of Humanities, Social Sciences and Business Administration	2017	2250-0901	http://www.spuvvn.edu/academics/publications/	658.pdf	UGC Notified (Approved List of Journals)

A Study of Current State of Work done for Classification in Indian Languages	Kaushika Pal, Dr. Biraj V. Patel	Department of Computer Science	International Journal of Scientific Research in Science and Technology (IJSRST)	2017	2395-602X	https://ijsrst.com/	659.pdf	UGC Notified (Approved List of Journals)
A study of relation between spirituality, personality adjustment and mental health of college students	P. S. Suvera	Department of Psychology	Prajna- Journal of Humanities, Social Sciences and Business Administration	2017	2250-0901	http://www.spuvvn.edu/academics/publications/	660.pdf	UGC Notified (Approved List of Journals)
A study on factors affecting students towards online shopping in Anand.	Ankur Amin	Department of Business Studies	Commonwealth Journal of Commerce and Management Research (CJCMR)	2017	2393-851X	http://www.cjcmr.org/	661.pdf	UGC Notified (Approved List of Journals)
A Study on Factors Governing Adoption of Computerized Accounting System in SMEs' of Gujarat	Dr. Y. M. Dalvadi Harshit R Jain	Department of Business Studies	International Journal of Research in Management & Social Science	2017	2322-0899	http://www.empyreal.co.in/journal.html	662.pdf	UGC Notified (Approved List of Journals)
A Study on Role of Microfinance and Self Help Groups for Rural Women in Anand District of Gujarat	Dr. Y. M. Dalvadi Neha N. Deshpande	Department of Business Studies	International Journal of Research in Management & Social Science	2017	2322-0899	http://www.empyreal.co.in/journal.html	663.pdf	UGC Notified (Approved List of Journals)
Adhunik Hindi kavya men Mahatma Gandhi Ki Maujudgi	Dr. Hasmukh M. Parmar	Department of Hindi	Sahitya Vithika	2017	2319-6513	Website is not available	664.pdf	UGC Notified (Approved List of Journals)
Adivasi Upanyas	Dr. Hasmukh M. Parmar	Department of Hindi	Prajna- Journal of Humanities, Social Sciences and Business Administration	2017	2250-0901	http://www.spuvvn.edu/academics/publications/	665.pdf	UGC Notified (Approved List of Journals)

Akho Ki Kavityayen	Dr. Dayashankar Tripathi	Department of Hindi	Prajna- Journal of Humanities, Social Sciences and Business Administration	2017	2250-0901	http://www.spuvvn.edu/academics/publications/	666.pdf	UGC Notified (Approved List of Journals)
An empirical study of the organizational factors leading to employee engagement in selected industries of Faridabad industrial area	V Kulkarni	Department of Business Administration (Mba)	Indian Journal of Commerce and Management Studies	2017	2249-0310	http://oaji.net/journal-detail.html?number=1985	667.pdf	UGC Notified (Approved List of Journals)
An impact of tribal sub-plan scheme on tribal Community: a sociological study	Dr. R.H.Makwana	Department of Sociology	International Journal of Development Research	2017	2230-9926	http://journalijdr.com/	668.pdf	UGC Notified (Approved List of Journals)
Approximate regularity and its avatars in Lau product of commutative Banach algebras	P. A. Dabhi and S. K. Patel	Department of Mathematics	Mathematics Today	2017	0976-3228	Website is not available	669.pdf	UGC Notified (Approved List of Journals)
BSM Option Pricing Formulas Through Probabilistic Approach	S. J. Ghevariya	Department of Mathematics	Mathematics Today	2017	0976-3228	Website is not available	670.pdf	UGC Notified (Approved List of Journals)
Characterization of One-Truncation Parameter Family of Distributions Through Expectation of Function of Order Statistics	Dr. Bhatt Milind B	Department of Statistics	ProbStat Forum	2017	0974-3235	http://probstat.org.in/	671.pdf	UGC Notified (Approved List of Journals)
Childhood Violence Experience and Intimate Partner Violence: Evidences from a study among Men from Gujarat	Dr. Mrs. Bigi Thomas	Department of Social Work	Desh Vikas, Pages published by Desh Vikas Publications, Andhra Pradesh.	2017	2394-1782	https://manuu.edu.in/sites/default/files/Research-Publication/Management/PublishedBy_Saidalavi_Management_Department_2018%20Desh%20Vikas%20Jan-%20MODERATION.pdf	672.pdf	UGC Notified (Approved List of Journals)

Cyber Security : Attacks and Its Countermeasures	Dr. Prashant P. Pittalia	Department of Computer Science	Prajna – Journal of Pure and Applied Science	2017	0975-2595	http://www.spuvvn.edu/academics/publications/prajna_2019/Prajna%202019-2020.pdf	673.pdf	UGC Notified (Approved List of Journals)
Design and Development of Laboratory based model of rework system for BGA semiconductor devices	Shahera S.Patel	Department of Electronics	Prajna – Journal of Pure and Applied Science	2017	0975-2595	http://www.spuvvn.edu/academics/publications/prajna_2019/Prajna%202019-2020.pdf	674.pdf	UGC Notified (Approved List of Journals)
Development & Validation of RP-HPLC Method for Estimation of Dabigatran Etexilate Mesylate from Capsule Dosage Form	S.J. Parmar, B.A. Patel, and S. Roy	Department of Pharmaceutical Science	International Journal of Pharma Sciences and Research	2017	0975-9492	https://www.ijpsr.info/	675.pdf	UGC Notified (Approved List of Journals)
Easy technical guide to understand PC motherboard, troubleshoot problems and its repair: Part III,	Shahera S.Patel	Department of Electronics	International journal on future revolution in computer science & communication engineering	2017	2454-4248	http://www.ijfrcsce.org/index.php/ijfrcsce	676.pdf	UGC Notified (Approved List of Journals)
Effect of pesticides on human health.	V Roghelia, V. H. Patel	Department of Home Science	Research and Reviews: Journal of Health Professions	2017	2277-6192	http://stmjournals.com/Journal-of-Health-Professions.html	677.pdf	UGC Notified (Approved List of Journals)
Electron Impact ionization of carbon and silicon based molecule	Hitesh Yadav, Hardik Desai, Minaxi Vinodkumar, P C Vinodkumar	Department of Physics	International Journal of Research in Modern Engineering and Emerging Technology (IJRMEET)	2017	2320-6586	http://www.rajimr.com/ijrmeet/	678.pdf	UGC Notified (Approved List of Journals)

Empowering Women: Removing Financial Inclusion Barriers	Yogesh C. Joshi and Mukesh Pal	Department of Business Administration (Mba)	Synergy Journal of Management	2017	0973-922X	http://www.spuvvn.edu/academics/publications/Peer%20review%20and%20publication%20policy.pdf	679.pdf	UGC Notified (Approved List of Journals)
Enhancing Fog Computing With Users Profile And Taxonomy Of Experience	Priti Srinivas Sajja	Department of Computer Science	Prajna – Journal of Pure and Applied Science	2017	0975-2595	http://www.spuvvn.edu/academics/publications/prajna_2019/Prajna%202019-2020.pdf	680.pdf	UGC Notified (Approved List of Journals)
Ethical Issues in HR :Behavioural Dilemma	K S Prasad	Department of Business Administration (Mba)	“Sanyojak” International Journal of Commerce and Management (UGC list No. 44372)	2017	2348-3032	https://spec.edu.in/	681.pdf	UGC Notified (Approved List of Journals)
Evaluation of alpha amylase, alpha glucosidase and protein glycation inhibitory activities of different elements of mango (mangifera indica).	Anu Mishra and V.H. Patel	Department of Home Science	Prajna – Journal of Pure and Applied Science	2017	0975-2595	http://www.spuvvn.edu/academics/publications/prajna_2019/Prajna%202019-2020.pdf	682.pdf	UGC Notified (Approved List of Journals)
Expert System for Selection of Research Area in Academia	Dr. Hardik B. Pandit , Dr. Dipti Shah	Department of Computer Science	Prajna – Journal of Pure and Applied Science	2017	0975-2595	http://www.spuvvn.edu/academics/publications/prajna_2019/Prajna%202019-2020.pdf	683.pdf	UGC Notified (Approved List of Journals)
Export behaviour of Indian Dairy Products	Hemant Sharma and S.S. Burark	Agro-Economic Research Centre	Bioved Journal	2017	0971-0108	http://biovedjournal.org/biovedjournal.html	684.pdf	UGC Notified (Approved List of Journals)
Fabrication of ZnMgO thin films by pulsed Laser Deposition method	Vikas A Patel, B. H.Patel, Vishal D Dhamech and Dhananjay K Dhruv	Department of Electronics	Indian Journal of Technical Education (IJTE)	2017	2349-6355	http://www.isteonline.in/Viewtopics.aspx?MenuId=ISTE_Journal_45	685.pdf	UGC Notified (Approved List of Journals)

Gas guzzlers v/s. gas optimizers: How do consumers choose motorcycles?	Dr. K.V. Ahir & Ms. Pratibha V. Nair	Department of Economics	Quest-Bi Annual Refereed Journal of Management and Research	2017	0976-3317	https://tims.ac.in/Publication.aspx	686.pdf	UGC Notified (Approved List of Journals)
G-Efficient Extreme Vertices Designs to Fit Linear Model for Mixture Experiments	Chhaya Sonar and Jyoti Divecha	Department of Statistics	Journal of Probability and Statistical Science	2017	1607-7083	https://journals.uregina.ca/jpss/about	687.pdf	UGC Notified (Approved List of Journals)
Graphical Interpretation of Various BSM Formulas	S. J. Ghevariya, & H. V. Dedania	Department of Mathematics	Global Journal of Pure and Applied Mathematics	2017	0973-1768	https://www.ripublication.com/gjpam.htm	688.pdf	UGC Notified (Approved List of Journals)
Growth and anisotropic behavior of GeS _{0.5} Se _{0.5} single crystals grown using direct vapour transport technique	Dipika B. Patel, Sandeep G. Chovatia and G.K.Solanki	Department of Physics	International Journal of Research in Modern Engineering and Emerging Technology (IJRMEET)	2017	2320-6586	http://www.raijmr.com/ijrmeet/	689.pdf	UGC Notified (Approved List of Journals)
Growth and Instability of Inland Fish Production in India	Hemant Sharma	Agro-Economic Research Centre	Fishery Technology	2017	0015-3001	http://epubs.icar.org.in/ejournal/index.php/FT	690.pdf	UGC Notified (Approved List of Journals)
Human related factors leading to employee engagement - A study in selected industries of Faridabad Industrial area	V Kulkarni	Department of Business Administration (Mba)	International Research Journal of Human Resources and Social Sciences	2017	2394-4218	http://www.ipindexing.com/journal-details/International-Research-Journal-Of-Human-Resources-And-Social-Sciences/243	691.pdf	UGC Notified (Approved List of Journals)
Imidazo[1,5-A]Pyridine Based Ru(II) Complexes As Biological Active Agent	Darshana N. Kanthecha, Mohan N.Patel	Department of Chemistry	Prajna – Journal of Pure and Applied Science	2017	0975-2595	http://www.spuvvn.edu/academics/publications/prajna_2019/Prajna%202019-2020.pdf	692.pdf	UGC Notified (Approved List of Journals)

Impact of Goods & Services Tax on Indian Pharmaceutical Industry	Dr. Ankur Amin	Department of Business Studies	International Journal of Multidisciplinary Research	2017	2249-2496	https://www.ijmra.us/about_us.php	693.pdf	UGC Notified (Approved List of Journals)
In vitro anti-inflammatory, antioxidant capacity and total phenolic contents in methanolic extract from vegetables.	Hinal Patel and V.H.Patel	Department of Home Science	Prajna – Journal of Pure and Applied Science	2017	0975-2595	http://www.spuvvn.edu/academics/publications/prajna_2019/Prajna%202019-2020.pdf	694.pdf	UGC Notified (Approved List of Journals)
Inflation and Money Supply in India: Empirical Evidence	Dr. V.S. Jariwala	Department of Economics	Arth-Vikas-Journal of Economic Development	2017	0004-3567	http://www.spuvvn.edu/academics/departments/economics/Home_Page.jpg	695.pdf	UGC Notified (Approved List of Journals)
Infrared spectra of ternary complexes using benzidine and quinoline as donors	A.N. Patel, G. K. Solanki and Ajay T. Oza	Department of Physics	International Journal of Research in Modern Engineering and Emerging Technology (IJRMEET)	2017	2320-6586	http://www.raijmr.com/ijrmeet/	696.pdf	UGC Notified (Approved List of Journals)
Issues in Real Time Knowledge Discovery through Data Stream Mining	Mr. Ashish P. Joshi, Dr. Biraj V. Patel	Department of Computer Science	International Journal of Scientific Research in Science and Technology (IJSRST)	2017	2395-602X	https://ijsrst.com/	697.pdf	UGC Notified (Approved List of Journals)
Kheda Satyagrah: Gandhian and Subaltern Historiography	Hemant Dave	Department of History	Prajna- Journal of Humanities, Social Sciences and Business Administration	2017	2250-0901	http://www.spuvvn.edu/academics/publications/	698.pdf	UGC Notified (Approved List of Journals)
Lagni Pratibhana Vikasma ma-baap	Amrita Marshal	Department of Education	Shixan Darshan	2017	2319-202X	https://ctegujarat.org/shikshan/index.html	699.pdf	UGC Notified (Approved List of Journals)

Lanczos Potential for Weyl Metric	A.H. Hasmani, A.C. Patel and R. R. Panchal	Department of Mathematics	Prajna – Journal of Pure and Applied Science	2017	0975-2595	http://www.spuvvn.edu/academics/publications/prajna_2019/Prajna%202019-2020.pdf	700.pdf	UGC Notified (Approved List of Journals)
Mahila o na Utkarsh ma Sardar Patel Ni Bhumika	Vasant Patel	Department of History	Research Guru: Online Journal of Multidisciplinary Subjects	2017	2349-266X	http://www.researchguru.net/	701.pdf	UGC Notified (Approved List of Journals)
Model-assisted Variance Estimator for the GREG Estimator ,	Patel P. A.	Department of Statistics	Journal of Mathematics and Statistical Science	2017	2411-2518	http://www.ss-pub.org/journals/jms/s/	702.pdf	UGC Notified (Approved List of Journals)
Modification of Agar by Graft Copolymerization with Butyl Acrylate	Avani Umatt, J. H. Trivedi, and H. C. Trivedi	Department of Chemistry	International Journal of Engineering & Scientific Research	2017	2347-6532	https://esrjournal.com/	703.pdf	UGC Notified (Approved List of Journals)
Multi-Agent Simulation Model for Sequence Generation for Specially Abled Learners	Jonita Roman, Devarshi R. Mehta and Priti Srinivas Sajja	Department of Computer Science	Smart Innovation, Systems and Technologies	2017	2190-3018	https://www.springer.com/series/8767	704.pdf	UGC Notified (Approved List of Journals)
Obstacle Detection For Vehicles Using Sensors And Artificial Intelligence	Pankti Bhatt, Dr. Jeegar Trivedi	Department of Computer Science	International Journal of Advanced Research in Computer Science	2017	0976-5697	http://www.ijarcs.info/index.php/ijarcs	705.pdf	UGC Notified (Approved List of Journals)

Optical And Magnetic Properties Of Schiff Based Transition Metal Of (Z)-5-(Methoxymethoxy)-2-(1-(Phenylimino)Ethyl)Phenol And (Z)-2-Bromo-4-Chloro-6-(1-((4-Nitrophenyl)Imino)Ethyl)Phenol Derivatives	Jatin G. Jayswal ² , Sahaj A. Gandhi ³ , U. H. Patel ¹ , Vijay M. Barot ² , Mahesh K. Patel ¹ , Khushbu K.Lalvani ¹ , Sachin B. Pandya ¹ , Kaushik P. Chaudhary ¹ And Bhavesh N. Socha	Department of Physics	Prajna – Journal of Pure and Applied Science	2017	0975-2595	http://www.spuvvn.edu/academics/publications/prajna_2019/Prajna%202019-2020.pdf	706.pdf	UGC Notified (Approved List of Journals)
Optical properties of pure and off-stoichiometric tin selenide single crystals.	Mohit Tannarana, G.K.Solanki, Pratik Pataniya, K.D.Patel and V.M.Pathak	Department of Physics	International Journal of Research in Modern Engineering and Emerging Technology (IJRMEET)	2017	2320-6586	http://www.rajimr.com/ijrmeet/	707.pdf	UGC Notified (Approved List of Journals)
PEC solar cell behavior of NbSe ₂ and NbS ₂ single crystals grown by DVT technique.	Kunjal Patel, G.K.Solanki, Pratik Pataniya, K.D.Patel, V.M.Pathak and Mohit Tannarana.	Department of Physics	Research Journal of Physical Sciences	2017	2320 - 4796	http://www.isca.in/PHY_SCI/subscription.php	708.pdf	UGC Notified (Approved List of Journals)
Preparation of fiber rich khakhara using banana peelas a functional ingredient	Tanvi M, V.H. Patel, Dave N.	Department of Home Science	KCG Journal of Multidisciplinary	2017	2279-0268	https://kcgjournal.org/kcg/journal-of-multi-disciplinary-2/	709.pdf	UGC Notified (Approved List of Journals)
Prevalence of risk factors of cardiovascular disease among the adult female population of Anand city (Gujarat).	Ami Brahmhatt ¹ , DP Raykundaliya, Neeta Dave, Rema Subhash, Patel V.H. and Viraj Roghelia	Department of Home Science	Prajna – Journal of Pure and Applied Science	2017	0975-2595	http://www.spuvvn.edu/academics/publications/prajna_2019/Prajna%202019-2020.pdf	710.pdf	UGC Notified (Approved List of Journals)

Quarkonium: a comparison with positronium	Tanvi Bhavsar, Manan Shah and P. C. Vinodkumar	Department of Physics	International Journal of Research in Modern Engineering and Emerging Technology (IJRMEET)	2017	2320-6586	http://www.raijmr.com/ijrmeet/	711.pdf	UGC Notified (Approved List of Journals)
Ramayana: Path ane Puratattva	Hemant Dave	Department of History	Svaydhyay	2017	2250-0391	Website is not available	712.pdf	UGC Notified (Approved List of Journals)
Ration Balancing: Promising Option for Doubling Income from Dairying	Smita Sirohi, V. Sridhar, A.K. Srivastva, S.S. Kalamkar, Deepak Sharma and Vanpal Goyal	Agro-Economic Research Centre	<i>Agricultural Economics Research Review</i>	2017	0971-3441	http://aeraindia.in/journalaerr	713.pdf	UGC Notified (Approved List of Journals)
Relevance of five laws in Information Technology (IT) environment	Dr. J. C. Makwana	Department of Library and Information Science	KCG Journal of Multidisciplinary	2017	2279-0268	https://kcgjournal.org/kcg/journal-of-multi-disciplinary-2/	714.pdf	UGC Notified (Approved List of Journals)
Review on Text Summarization Evaluation Methods	Saiyed Saziyabegum and Priti Srinivas Sajja	Department of Computer Science	Indian Journal of Computer Science and Engineering (IJCSE)	2017	2231-3850	715.pdf	715.pdf	UGC Notified (Approved List of Journals)
Robust Audio Watermarking using Improved DWT-SVD approach	Krunalkumar N. Patel , Dipti B Shah	Department of Computer Science	International Journal of Computer Sciences and Engineering	2017	2347-2693	https://www.ijcseonline.org/	716.pdf	UGC Notified (Approved List of Journals)
Social Performance Reporting Practices: A Comparative Study of Selected Index Based Indian and Australian Companies	Dr. Y. M. Dalvadi Tejas Gandhi	Department of Business Studies	Journal of Commerce & Accounting Research	2017	2277-2146	http://www.publishingindia.com/jcar/	717.pdf	UGC Notified (Approved List of Journals)

Socio-economic Impact of Tarakpur Checkdam in Khambhat Area of Gujarat	Prof. H.P. Trivedi	Agro-Economic Research Centre	Indian Journal of Economics and Development	2017	2277-5412	(IJCSE)	718.pdf	UGC Notified (Approved List of Journals)
Spherically Symmetric Cosmological Model with Charged Anisotropic Fluid in Rosen's Bimetric Theory of Gravitation	A.H. Hasmani and D.N. Pandya	Department of Mathematics	Mathematics Today	2017	0976-3228	Website is not available	719.pdf	UGC Notified (Approved List of Journals)
Stability indicating HPTLC method for estimation of Mangiferin in bulk and dosage form	S.J. Parmar, B.A. Patel and H. Padh	Department of Pharmaceutical Science	International Journal of Pharmacy and Biological Sciences	2017	2321-3272	https://www.ijpbs.com/	720.pdf	UGC Notified (Approved List of Journals)
Structural, optical, electrical and thermal properties of InP crystals	M. P. Deshpande, Hiteshkumar R. Bhoi, Kiran N. Patel, Piyush Rajput, Krishnaben Chauhan, S. H. chaki and Ankur J. Khimani	Department of Physics	Prajna – Journal of Pure and Applied Science	2017	0975-2595	http://www.spuvvn.edu/academics/publications/prajna_2019/Prajna%202019-2020.pdf	721.pdf	UGC Notified (Approved List of Journals)
Synergistic Effect of Ni-Zn based Catalysts on the Growth of Carbon Nanomaterials	Jignesh Valand, Shiv Patel, Anjali Vanpariya, Rasmika Patel	Department of Material Science	Prajna – Journal of Pure and Applied Science	2017	0975-2595	http://www.spuvvn.edu/academics/publications/prajna_2019/Prajna%202019-2020.pdf	722.pdf	UGC Notified (Approved List of Journals)
Synthesis And X-Ray Powder Diffraction Studies: Metal Complexes(Co(Ii), Ni(Ii) And Cu(Ii)) Of Schiff Base Ligand 4-Bromo-2-Chloro-6-[(1z)-N-(Phenyl) Ethanimidoyl] Phenol	J. G. Jaiswal1, Sahaj A. Gandhi2, Tarunaben J. Padariya3, V.M. Barot1 And Urmila H. Patel	Department of Physics	Prajna – Journal of Pure and Applied Science	2017	0975-2595	http://www.spuvvn.edu/academics/publications/prajna_2019/Prajna%202019-2020.pdf	723.pdf	UGC Notified (Approved List of Journals)

Temperature dependent electrical resistivity of WS_xSe_{2-x} ($X = 2, 1.5, 0.5$) crystals	Payal Chauhan, Pratik Pataniya, G. K. Solanki, K. D. Patel and V. M. Pathak	Department of Physics	International Journal of Research in Modern Engineering and Emerging Technology (IJRMEET)	2017	2320-6586	http://www.rajimr.com/ijrmeet/	724.pdf	UGC Notified (Approved List of Journals)
The Role of Human Resource in Organized Retail Stores in India	K S Prasad	Department of Business Administration (Mba)	Synergy Journal of Management	2017	0973-922X	http://www.spuvvn.edu/academics/publications/Peer%20review%20and%20publication%20policy.pdf	725.pdf	UGC Notified (Approved List of Journals)
Transport property measurements in WSe_{2-x} crystals	K.R.Chaudhari1, Ravi Joshi, Ajay M. Agarwal and G. K. Solanki	Department of Physics	Prajna – Journal of Pure and Applied Science	2017	0975-2595	http://www.spuvvn.edu/academics/publications/prajna_2019/Prajna%202019-2020.pdf	726.pdf	UGC Notified (Approved List of Journals)
Use of dpph rsa test to evaluate the lipid oxidation in cotton seed oil during frying of food product- besan sev.	V.H.Patel	Department of Home Science	Prajna – Journal of Pure and Applied Science	2017	0975-2595	http://www.spuvvn.edu/academics/publications/prajna_2019/Prajna%202019-2020.pdf	727.pdf	UGC Notified (Approved List of Journals)
Veer Viththalbhai nu Anokhu Vyaktitva	Vasant Patel	Department of History	Research Guru: Online Journal of Multidisciplinary Subjects	2017	2349-266X	http://www.researchguru.net/	728.pdf	UGC Notified (Approved List of Journals)
Vertical growth of van der Waal's heterostructure by depositing SnSe thin films on to crystalline WSe_2 and its characterization.	Chetan Zankat, Pratik Pataniya, Alkesh B. Patel, K. D. Patel, G. K. Solanki and V. M. Pathak	Department of Physics	International Journal of Research in Modern Engineering and Emerging Technology (IJRMEET)	2017	2320-6586	http://www.rajimr.com/ijrmeet/	729.pdf	UGC Notified (Approved List of Journals)

Capacity building with professional employability: LIS education and training	N. D. Oza	Department of Library and Information Science	Knowledge Librarian : An international Peer Reviewed Bilingual E-Journal	2017	2394-2479	http://www.klibjlis.com/	730.pdf	UGC Notified (Approved List of Journals)
Knowledge management and role of information communication technology	N.D. Oza, Dilipkumar Dhribhai Vala	Department of Library and Information Science	Knowledge Librarian : An international Peer Reviewed Bilingual E-Journal	2017	2394-2479	http://www.klibjlis.com/	731.pdf	UGC Notified (Approved List of Journals)
Knowledge management in digital era: Tools and techniques for accessing the right knowledge at the right time	Nimsh D. Oza, Dilipkumar Dhirubhai Vala	Department of Library and Information Science	Pearl: A journal of Library and Information Science	2017	0973-7081	Website is not available	732.pdf	UGC Notified (Approved List of Journals)
Use of natural resources for human development and its impact on society	Swati M. Joshi; Darshana R. Dave	Department of Business Administration (Mba)	Synergy Journal of Management	2017	0973-922X	https://www.spuvvn.edu/academics/publication/#1571465227929-0d04602a-5e02	733.pdf	UGC Notified (Approved List of Journals)
Rajendra Shuklani gazloma vyakt thato adhyatmbhav	Ramesh Chaudhari	Department of Gujarati	Prajna- Journal of Humanities, Social Sciences and Business Administration	2017	2250-0901	http://www.spuvvn.edu/academics/publications/	734.pdf	UGC Notified (Approved List of Journals)
Bharatiya santbhakt kavchitrioma adhytm ane samajik nisbat	Param Pathak	Department of Gujarati	Prajna- Journal of Humanities, Social Sciences and Business Administration	2017	2250-0901	http://www.spuvvn.edu/academics/publications/	735.pdf	UGC Notified (Approved List of Journals)
Solar power generation and usage in irrigation: lessons from a novel cooperative initiative in India	Sonal Bhatt, S.S. Kalamkar	Department of Economics	Indian Journal of Economics and Development	2017	2277-5412	https://soed.in/	736.pdf	UGC Notified (Approved List of Journals)

Prevailing Tenor for Ayurveda in Views of Ayurvedic Practitioners	P. Amrutia, D. Dave	Department of Business Administration (Mba)	Asian Journal of Management	2017	0976-495X	https://ajmjournal.com/	737.pdf	UGC Notified (Approved List of Journals)
Awareness about Subject Gateway among the Library Users of H.M. Patel Institute of English Training and Research - A Survey	Nimesh D. Oza; Parinda Dalwadi	Department of Library and Information Science	Journal of Emerging Technologies and Innovative Research (JETIR)	2017	2349-5162	https://www.jetir.org/index.html	746.pdf	UGC Approved List of Journals
A NOVEL SULFATED CHOLINE (IL) BASED FeCl ₄ : HETEROGENEOUS CATALYST FOR THE SYNTHESIS OF SPIRO INDOLINE-QUINAZOLINE DERIVATIVES UNDER MILD CONDITIONS	Vaghasiya, BK; Sapariya, NH; Satasia, SP; Thummar, RP; Kamani, RD; Raval, DK	Department of Chemistry	HETEROCYCLIC LETTERS	2017	2231-3087	https://heteroletters.org/	747.pdf	UGC Approved List of Journals
Electric and magnetic parts of the Weyl tensor and spin coefficients	Hasmani, AH; Panchal, R	Department of Mathematics	JOURNAL OF DYNAMICAL SYSTEMS AND GEOMETRIC THEORIES	2017	1726-037X	https://www.tandfonline.com/toc/tdsg20/current	748.pdf	UGC Approved List of Journals
Consumers' Perception towards green product: A study with special reference to Anand city	Suresh P. Machhar	Department of Business Studies	SEMCOM Management and Technology Review	2018	2321-5968	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101001105&flag=Search	749.pdf	UGC-CARE
A study of credit risk management of Bank of Baroda	Kamini Shah; Utkarsh Amaravat	Department of Business Studies	SEMCOM Management and Technology Review	2018	2321-5968	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101001105&flag=Search	750.pdf	UGC-CARE

Dushyantkumar:hindi ghazalno Sashakt Avaj	R.V. Chaudhari	Department of Gujarati	Parab	2018	0250-9747	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101000635&flag=Search	751.pdf	UGC-CARE
An improved crystal structure of C-phycoerythrin from the marine cyanobacterium Phormidium sp. A09DM	R. R. Sonani, D. Madamwar,	Department of Bioscience	<i>Photosynthesis Research</i>	2018	0166-8595	https://www.springer.com/journal/11120?referer=www.springeronline.com	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029487511&doi=10.1007%2fs11120-017-0443-2&partnerID=40&md5=566db8d10cc039a5f0991a5237e83128	Scopus
	A. W. Roszak, C. Ortmann de Percin Northumberland, R. J. Cogdell	University of Glasgow, Glasgow, United Kingdom						
Antioxidant activity and associated structural attributes of Halomicronema phycoerythrin	S. N. Patel, Sonani, Ravi Raghav, Jakharia, Kinnari, Bhastana, Bela Patel, Hiral M., Chaubey, Mukesh Ghanshyam, Singh, Niraj Kumar Madamwar, D.	Department of Bioscience	<i>International Journal of Biological Macromolecules</i>	2018	0141-8130	https://www.science-direct.com/journal/international-journal-of-biological-macromolecules	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040243379&doi=10.1016%2fj.ijbiomac.2017.12.170&partnerID=40&md5=958b2eab18192fd6b6e21c8569f263c5	Scopus

Bael tree (<i>Aegle marmelos</i> (L.) Corrêa): Importance, biology, propagation and future perspectives.	Vasava D, Kher MM, Soner D, Nataraj M*	Department of Bioscience	Tress-Structure and Function	2018	0931-1890	https://www.springer.com/journal/468	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053229617&doi=10.1007%2fs00468-018-1754-4&partnerID=40&md5=d1dabe768a0e820b1b694a84f06f60e7	Scopus
	Teixeira da Silva JA	Miki-cho Post Office, Kagawa, Japan						
Biological Significance of Hetero-Scaffolds Based Gold (III) Complexes	Darshana N Kanthecha, Dilip B Raval, Vasudev R Thakkar, Mohan N Patel	Department of Bioscience	Acta Chimica Slovenica	2018	1318-0207	https://acta.chem-soc.si/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049213494&doi=10.17344%2facsi.2017.4018&partnerID=40&md5=8c0a8404bb1bfb0c577d14980414a78c	Scopus
Bioproduction and characterization of extracellular melanin-like pigment from industrially polluted metagenomic library equipped <i>Escherichia coli</i>	S. Amin, R. P. Rastogi, R. R. Sonani, and D. Madamwar	Department of Bioscience	<i>Science of the Total Environment</i>	2018	0048-9697	https://www.science-direct.com/journal/science-of-the-total-environment	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045389307&doi=10.1016%2fj.scitotenv.2018.04.107&partnerID=40&md5=4f989ac221c5df4b95f6d37d06443ef2	Scopus
	R. Sharma	Academy of Scientific and Innovative Research (AcSIR), Ghaziabad, India						

	A. Ray,	P D Patel Institute of Applied Sciences, Anand, Anand, India						
Development of mixed bacterial cultures DAK11 capable for degrading mixture of polycyclic aromatic hydrocarbons (PAHs)	A. B. Patel, K. Mahala, K. Jain, and D. Madamwar	Department of Bioscience	<i>Bioresource Technology</i>	2018	0960-8524	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041380097&doi=10.1016%2fj.biortech.2018.01.049&partnerID=40&md5=44cd3c9e5100e13c350a1f2bc54faa80	Scopus	
Effects of mutations of non-catalytic aromatic residues on substrate specificity of Bacillus licheniformis endocellulase cell12A.	Anil S. Prajapati, Darshan H. Patel, R. B. Subramanian	Department of Bioscience	<i>Process Biochemistry</i>	2018	1359-5113	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041593014&doi=10.1016%2fj.procbio.2018.01.019&partnerID=40&md5=88f4c6f86d41c637ea4d6b86be14b4f1	Scopus	
	Darshan H. Patel	P D Patel Institute of Applied Sciences, Anand						
Effects of substrate binding site residue substitutions of xynA from Bacillus amyloliquefaciens on substrate specificity.	Anil S. Prajapati, Vishakha A. Pawar, Ketankumar J. Panchal, Ankit P. Sudhir, Bhaumik R. Dave, R. B. Subramanian	Department of Bioscience	<i>BMC Biotechnology</i> ,	2018	1472-6750	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042099128&doi=10.1186%2fs12896-018-0420-7&partnerID=40&md5=d623a74a20ed90aa70806e9bde25db94	Scopus	

	Darshan H. Patel	P D Patel Institute of Applied Sciences, Anand						
Ethnobotanical database based screening and identification of potential plant species with antiplasmodial activity against chloroquine-sensitive (3D7) strain of <i>Plasmodium falciparum</i>	Guleria S, Jani D, George LB, Highland H,	Gujarat University, Ahmedabad, Ahmedabad	<i>Asian Pacific Journal of Tropical Biomedicine</i>	2018	2221-1691	https://www.apjtb.org/aboutus.asp	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042454459&doi=10.4103%2f2221-1691.225619&partnerID=40&md5=a50af7c64f0df58684884a42099620d8	Scopus
	Noronha M, Subramanian RB	Department of Bioscience						
Indian kino tree (<i>Pterocarpus marsupium</i> Roxb.): propagation, micropropagation, and biotechnology	Teixeira da Silva JA, Kher MM, Soner D, Nataraj M*	Department of Bioscience	Environmental and Experimental Biology	2018	1691-8088	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101000766&flag=Search	768.pdf	UGC-CARE
Molecular and biochemical characterization of a thermostable keratinase from <i>Bacillus altitudinis</i> RBDV1	Vishakha A. Pawar, Anil S. Prajapati, R B Subramanian.	Department of Bioscience	3 Biotech	2018	2190-572X	https://www.springer.com/journal/13205	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041567526&doi=10.1007%2fs13205-018-1130-5&partnerID=40&md5=49d60ee6f46831d0c89395975e92f037	Scopus
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Picosecond excitation energy transfer of allophycocyanin studied in solution and in crystals	Sonani, Ravi Raghav, Madamwar, D.	Department of Bioscience	<i>Photosynthesis Research</i>	2018	0166-8595	https://www.springer.com/journal/11120?referer=www.springeronline.com	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026449595&doi=10.1007%2fs11120-017-0417-4&partnerID=40&md5=6bce6d83dbf35f0b62ee8e7d0eb9ae63	Scopus
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	Robert, Bruno	Universite Paris- Saclay, Saint-Aubin, France						
Purification and characterization of novel bi-functional GH3 family β xylosidase/ β glucosidase from <i>Aspergillus niger</i> ADH -11	Harshvadan Patel, Adepu Kiran Kumar, Amita Shah, .	Department of Bioscience	International Journal of Biological Macromolecules	2018	0141-8130	https://www.science-direct.com/journal/international-journal-of-biological-macromolecules	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85036551223&doi=10.1016%2fj.ijbiomac.2017.11.132&partnerID=40&md5=bd3560eff12381b51242ec34e4b3ea7f	Scopus
Red sandalwood (<i>Pterocarpus santalinus</i> L.): Biology, importance, propagation and micropropagation.	Kher MM, Soner D, Nataraj M*	Department of Bioscience	Journal of Forstry Research	2018	1687-9368	https://www.hindawi.com/journals/ijfr/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048794263&doi=10.1007%2fs11676-018-0714-6&partnerID=40&md5=f350ec3175ef5cdc51e873a1e0e68e76	Scopus

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Response of microbial community structure to seasonal fluctuation on soils of Rann of Kachchh, Gujarat, India: Representing microbial dynamics and functional potential	A. Narayan, Patel, V. Singh, P. Patel, A. Jain, Shah, A. Madamwar, D.	Department of Bioscience	<i>Ecological Genetics and Genomics</i>	2018	2405-9854	https://www.science-direct.com/journal/ecological-genetics-and-genomics	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85036595738&doi=10.1016%2fj.egg.2017.11.001&partnerID=40&md5=d3f6edecae2d7a55074417cb362a2547	Scopus
	K. Karthikeyan	Gujarat Institute of Desert Ecology, Bhuj,						
Review on Cellulase and Xylanase Engineering for Biofuel Production	A.S. Prajapati, K.J. Panchal, V.A. Pawar, M.J. Noronha, D.H. Patel, R.B. Subramanian,	Department of Bioscience	Industrial biotechnology	2018	1550-9087	https://www.liebertpub.com/loi/ind	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042234275&doi=10.1089%2find.2017.0027&partnerID=40&md5=080251b8c428221e6f153d3453b5a701	Scopus
Santalum molecular biology: molecular markers for genetic diversity, phylogenetics and taxonomy, and genetic transformation.	Teixeira da Silva JA, Kher MM, Soner D, Nataraj M*, Dobránszki J, Millar MA.	Department of Bioscience	Agroforestry Systems	2018	0167-4366	https://www.springer.com/journal/10457?referer=www.springeronline.com	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012914278&doi=10.1007%2fs10457-017-0075-8&partnerID=40&md5=ccadbc6f38eed5e4d857b0524875ce82	Scopus
	Teixeira da Silva JA,	Miki-cho Post Office, Kagawa, Japan						

Site, trigger, quenching mechanism and recovery of non-photochemical quenching in cyanobacteria: recent updates	R. R. Sonani, A. Gardiner, R. P. Rastogi, and D. Madamwar	Department of Bioscience	<i>Photosynthesis Research</i>	2018	0166-8595	https://www.springer.com/journal/11120	https://www.webofscience.com/wos/woscc/full-record/WOS:000437397700003	WoS
	A. W. Roszak, C. Ortmann de Percin Northumberl and R. Cogdell	University of Glasgow, Glasgow, United Kingdom						
	B. Robert	Universite Paris-Saclay, Saint-Aubin, France						
Structural characterization and antioxidant potential of phycocyanin from the cyanobacterium Geitlerinema sp. H8DM	H. M. Patel, R. P. Rastogi, U. Trivedi, and D. Madamwar	Department of Bioscience	<i>Algal Research</i>	2018	2211-9264	https://www.journals.elsevier.com/algal-research	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046697930&doi=10.1016%2fj.algal.2018.04.024&partnerID=40&md5=d3f8d8913cae5eeedaa245af507afab	Scopus
<u>Algal Green Energy–R&D and technological perspectives for biodiesel production</u>	Rajesh P Rastogi, Datta Madamwar	Department of Bioscience	Renewable and Sustainable Energy Reviews	2018	1364-0321	https://www.science-direct.com/journal/renewable-and-sustainable-energy-reviews	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85033219458&doi=10.1016%2fj.rser.2017.10.038&partnerID=40&md5=f193e4ff0c63a49b9ea4df0c7d6dfb7f	Scopus
	Ashok Pandey	Indian Institute of Toxicology Research, Lucknow						

	Christian Larroche	Université Clermont Auvergne, Clermont-Ferrand, France						
<u>Degradation of chrysene by enriched bacterial consortium</u>	Sagar Vaidya, Neelam Devpura, Kunal Jain, Datta Madamwar	Department of Bioscience	Frontiers in Microbiology	2018	1664-302X	https://www.frontiersin.org/journals/microbiology	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049068147&doi=10.3389%2ffmicb.2018.01333&partnerID=40&md5=a61b7053aacda4a1222de8dad35ce682	Scopus
Dual functional hetero-anthracene based single component organic ionic conductors as redox mediator cum light harvester for solid state photoelectrochemical cells	Jayraj V. Vaghasiya, Keval K. Sonigara, Saurabh S. Soni, Swee Ching Tan	Department of Chemistry	Journal of Materials Chemistry A	2018	2050-7488	https://www.rsc.org/journals-books-databases/about-journals/journal-of-materials-chemistry-a/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043767447&doi=10.1039%2fc8ta00304a&partnerID=40&md5=0bfe5437fbc9804df30847b5ffb0c0dd	Scopus
	Swee Ching Tan	National University of Singapore, Singapore City						
Effect of structural manipulation in hetero-tri-aryl amine donor-based D-A'-pi-A sensitizers in dye-sensitized solar cells	Keval K. Sonigara, Manoj M. Jadhav, Kiran C. avhad, Saurabh S. Soni,	Department of Chemistry	New Journal of Chemistry	2018	1144-0546	https://www.rsc.org/journals-books-databases/about-journals/njc/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043594508&doi=10.1039%2fc7nj04620k&partnerID=40&md5=8508267d2fbc4859b9d36f44a2b2404a	Scopus

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	Suryapratap Sharma	Mar Ivanios College, Thiruvananthapuram , Thiruvananthapuram						
Self organization of mixtures of sodium oleate and imidazolium based surface active ionic liquids studied by tensiometry, rheology and neutron scattering	N. V. Sastry	Department of Chemistry	Journal of Molecular Liquids	2018	0167-7322	https://www.science-direct.com/journal/journal-of-molecular-liquids	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034428941&doi=10.1016%2fj.molliq.2017.10.108&partnerID=40&md5=a3d014942492f66dafb67ff370c8ba58	Scopus
	S. Padsala	Atmanand Saraswati Science College, Surat,						
	N. Dharaiya	Shri P. L. Chauhan Science College, Surat,						
	D. Ray, V. K. Aswal	Bhabha Atomic Research Centre, Mumba						
	P. Bahadur	Veer Narmad South Gujarat University						

Structure-efficiency relationship of newly synthesized donor-pi-acceptor coumarins for dye-sensitized solar cells	Jayraj. V. Vaghasiya, Saurabh S. Soni,	Department of Chemistry	New Journal of Chemistry	2018	1144-0546	https://www.rsc.org/journals-books-databases/about-journals/njc/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044422342&doi=10.1039%2fc7nj04954d&partnerID=40&md5=55634b6778fad4f07fe0bf07ac17f115	Scopus
	Manoj M. Jadhav, Dinesh S. Patil, Nagaiyan Sekar	Institute of Chemical Technology,						
Studies on micellar behaviour of PEO-PPO, or PEO-PBO-PPO copolymers or surface active ionic liquids in aqueous media and exploration of their micellar solutions for solubilization of dexamethasone and its delayed release	Nandhibatla V Sastry, Dipak K Singh, Pooja A Trivedi	Department of Chemistry	Journal of Surfactants and Detergents	2018	1097-3958	https://www.aocs.org/press/jtoc.asp?journal=3&SSO=True	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042377745&doi=10.1002%2fjsde.12020&partnerID=40&md5=20b0cc2c0ad7474c1b46b16263eadd9d	Scopus
Synthesis, Characterization and biological application of 5-quinoline 1,3,5-trisubstituted pyrazole based platinum(II) complexes	Miral V.Lunagariya, Khyati P.Thakor, Reena R Varma, Mohan N.Patel	Department of Chemistry	MedChemComm	2018	2040-2503	https://journals.indexcopernicus.com/search/details?id=1029	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042731855&doi=10.1039%2fc7md00472a&partnerID=40&md5=dc6c7809e73550efddc7b2388d1c05d4	Scopus
	Bhargav N. Vaghela	Indian Institute of Advanced Research, Gandhinaga						
	Chandramani Pathak	Amity Institute of Biotechnology, Gurgaon						

Oxidative cyanide-free cyanation on arylboronic acid derivatives using aryl/heteroaryl thiocyanate using novel IL-PdCl ₂ catalyst under mild condition	B. K. Vaghasiya, S. P. Sataia, R. P. Thummar, R. D. Kamani, D. K. Raval	Department of Chemistry	Journal of Sulfur Chemistry	2018	1741-5993	https://www.tandfonline.com/toc/gsrp20/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046722736&doi=10.1080%2f17415993.2018.1469632&partnerID=40&md5=ab45e329f939e684818f7ee24134c782	Scopus
	J. R. Avalani	Shree A. N. Patel P. G. Institute of Science and Research, Anand, Gujarat, India						
	N. H. Sapariya	Natubhai V. Patel College of Pure and Applied Sciences, Vallabh Vidyanagar, Gujarat, India						
Sonochemical synthesis of 2,3-dihydro-4(1 <i>H</i>)-quinazolinones and 1-amidoalkyl-2-naphthols using magnetic nanoparticle-supported ionic liquid as a heterogeneous catalyst	Harsh N. Dadhanania	Department of Chemistry	Research on Chemical Intermediates volume	2018	0922-6168	https://www.springer.com/journal/11164	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027832055&doi=10.1007%2fs11164-017-3093-2&partnerID=40&md5=5b62666561d7374c89018835dadd5b12	Scopus

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	Abhishek N. Dadhania	Dr K. C. Patel Research and Development Centre, Charotar University of Science and Technology, Changa, Gujarat 388421, India						
Microwave assisted one-pot synthetic route to imidazo[1,2-a]pyrimidine derivatives of imidazo/triazole clubbed pyrazole and their pharmacological screening	P. Prasad,A. G. Kalola,M. P. Patel	Department of Chemistry	New Journal of Chemistry	2018	1144-0546	https://www.rsc.org/journals-books-databases/about-journals/njc/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050561282&doi=10.1039%2fc8nj00670a&partnerID=40&md5=d3fe00537fe7c23ee3c97408caa88813	Scopus
Microwave assisted synthesis of halo-aryl-substituted-1H pyrazol-pyridine moiety and study on effect of halogen substitution on antimicrobial activity	N. D. Vala, M. P. Patel	Department of Chemistry	Heterocyclic Letters	2018	2231 - 3087	https://heteroletters.org/index.html	813.pdf	WoS

Synthesis, characterization and biological applications of some substituted pyrazoline based palladium (II) compounds	Khyati P. Thakor, Miral V. Lunagariya, Bhupesh S. Bhatt, Mohan N. Patel	Department of Chemistry	Applied Organometallic Chemistry	2018	0268-2605	https://onlinelibrary.wiley.com/journal/10990739	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052579037&doi=10.1002%2faoc.4523&partnerID=40&md5=5d0cea9192b32df0f12bdde715d1f28d	Scopus
Morphological study of electrophoretically deposited TiO2 film for DSSC application	Alkesh B. Patel, K. D. Patel, S. S. Soni, K. K. Sonigara	Department of Chemistry	AIP Conference Proceedings	2018	0094-243X	https://publishing.aip.org/publications/conference-proceedings/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047876812&doi=10.1063%2f1.5035201&partnerID=40&md5=e9151d1cefce70f136f73db2a72800d3	Scopus
Impact of Elastic Computing, scalability and Data Analytics in Learning Environment	Nilay Vaidya and Priti Srinivas Sajja	Department of Computer Science	SEMCOM Management and Technology Review	2018	2321-5968	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101001105&flag=Search	816.pdf	UGC-CARE
Use of an Adaptive Agent in Virtual Collaborative Learning Environment	Priti Srinivas Sajja	Department of Computer Science	Smart Innovation, Systems and Technologies	2018	2190-3018	https://www.springer.com/series/8767	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028432094&doi=10.1007%2f978-3-319-63645-0_65&partnerID=40&md5=7f0c31d0c0114f656be0610576bcf54c	Scopus
	Nilay Vaidya	Uka Tarsadia University, Bardoli, Gujarat, India						

Gujarat-ma Krishnapuja-ni Parchinta	Hemant Dave	Department of History	forbes Gujarati Sabha	2018	0559-9253	https://ugccare.unipu ne.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101024253&flag=Search	819.pdf	UGC-CARE
Total phenolic content and total antioxidant capacity of common indian pulses and split pulses.	B Parikh, V. H. Patel	Department of Home Science	Journal of Food Science and Technology	2018	0022-1155	https://www.springer.com/journal/13197	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044670304&doi=10.1007%2fs13197-018-3066-5&partnerID=40&md5=92f496c507663970c37fa784d02b076f	Scopus
A Study on the Deactivation and Reactivation of a Ni/Al ₂ O ₃ Aldehyde Hydrogenation Catalyst: Effects of Regeneration on the Activity and Properties of the Catalyst	S.V.L. Mahlaba, A. S. Mahomed, H. B. Friedrich	University of KwaZulu-Natal, Durban, South Africae	Applied Catalysis B: Environmental	2018	0926-3373	https://www.science direct.com/journal/applied-catalysis-b-environmental	https://www.science direct.com/science/article/abs/pii/S0926337317310470	Scopus
	Jignesh Valand	Department of Material Science						
PROX reaction of CO in H ₂ /H ₂ O/CO ₂ Water-Gas Shift (WGS) Feedstocks over Cu-Mn/Al ₂ O ₃ and Cu-Ni/Al ₂ O ₃ Catalysts for Fuel Cell Applications	Jignesh Valand	Department of Material Science	Renewable Energy	2018	0960-1481	https://www.science direct.com/journal/renewable-energy	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030160382&doi=10.1016%2fj.renene.2017.09.063&partnerID=40&md5=255e4c6395baaf1476c258006a6af3f	Scopus
	V.D.B.C. Dasireddy	The University of Newcastle, Australia, Callaghan						

	Blaz Likozar	National Institute of Chemistry Ljubljana, Ljubljana						
Fabrication and characterization of high impact hybrid matrix composites from thermoset resin and dyneema-glass fabric reinforcement	R. H. Patel, S. Sharma, T. Pansuriya, E. V. Malgani, V. Sevkani	Department of Material Science	AIP Conference Proceedings	2018	0094-243X	https://publishing.aip.org/publications/conference-proceedings/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047369793&doi=10.1063%2f1.5032873&partnerID=40&md5=ea1631736cd962815c5c3d9ccd32a47b	Scopus
Studies on fabrication of glass fiber reinforced composites using polymer blends	R. H. Patel, P. H., Kachhia, S. N. Patel, S. T. Rathod, J. K. Valand	Department of Material Science	AIP Conference Proceedings	2018	0094-243X	https://publishing.aip.org/publications/conference-proceedings/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047319233&doi=10.1063%2f1.5032874&partnerID=40&md5=4b5331f0ae3f16841dadfadd15e2f45	Scopus

Orthogonality preserving maps and pro-C*-modules	D.J. Karia and Y.M. Parmar	Department of Mathematics	Journal of Analysis	2018	2367-2501	https://www.scopus.com/sourceid/21101041404	https://www.scopus.com/record/display.uri?eid=2-s2.0-85104419618&origin=resultslist&sort=plf&src=s&st1=Orthogonality+preserving+maps+and+pro&sid=9b60009fc790eafb6d00d6b9a6a01553&sot=b&sdt=b&sl=52&s=TITLE-ABS-KEY%28Orthogonality+preserving+maps+and+pro%29&reelpos=0&citeCnt=0&searchTerm=&featureToggles=FEATURE_NEW_DOC_DETAILS_EXPORT:1	UGC-CARE
Spectral Properties of the Lau product	P. A. Dabhi and S. K. Patel	Department of Mathematics	Annals of Functional Analysis	2018	2008-8752	https://www.springer.com/journal/43034	829.pdf	WoS
Determination of Protodioscin in Rabbit Plasma by LC-MS/MS Method: Application to Preclinical Pharmacokinetics	Vijaykumar Parmar, Mili Trivedil, Nandhibatla Sastry	Department of Pharmaceutical Science	Current Pharmaceutical Analysis	2018	1573-4129	https://benthamscience.com/journals/current-pharmaceutical-analysis/	https://www.webofscience.com/wos/woscc/full-record/WOS:000432575300006	WoS
	Ketan Variya, , Manan Raval	Ramanbhai Patel College of Pharmacy						

Semi- Empirical anatz for Helmholtz free energy calculation: Thermal properties of silver along shock Hugoniot	R.H. Joshi, B.Y. Thakore, N.K. Bhatt, P.R. Vyas, A.R. Jani	Department of Physics	Physica B: Physics of Condensed Matter	2018	0378-4363	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034592302&doi=10.1016%2fj.physb.2017.11.037&partnerID=40&md5=6f9057d23bd199ece24baa7af7bce4b1	SCOPUS
Alloy engineering for enhanced photoconduction in VxSn1-xSe2 ternary crystal.	Chetan K. Zankat, Pratik Pataniya, G.K.Solanki, K.D.Patel and V.M.Pathak	Department of Physics	Materials Letters	2018	0167-577X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044157628&doi=10.1016%2fj.matlet.2018.03.065&partnerID=40&md5=3414dcb515f69f0a2092f3d58d636b5d	Scopus
Characterization of CBD deposited CuInSe2 thin film	Sanjaysinh M Chauhan, Sunil H Chaki, M P Deshpande, Jiten P Tailor, Ankurkumar J Khimani	Department of Physics	Materials Science in Semiconductor Processing	2018	1369-8001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85033366454&doi=10.1016%2fj.mssp.2017.11.008&partnerID=40&md5=2981d4c5753d061c3ebdd90703ca675c	SCOPUS
Influence of Co-doping on the optical and magnetic properties of CdS nanoparticles	Nikita H Patel, M P Deshpande, SH Chaki	Department of Physics	Journal of Materials Science: Materials in Electronics	2018	0957-4522	https://www.springer.com/journal/10854?refer=www.springeronline.com	SCOPUS

Investigation of morphological and structural properties of V incorporated SnSe ₂ single crystals.	Chetan K. Zankat, Pratik Pataniya, G.K.Solanki, K.D.Patel, V.M.Pathak,	Department of Physics	Materials Science in Semiconductor Processing	2018	1369-8001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042690861&doi=10.1016%2fj.mssp.2018.02.023&partnerID=40&md5=285ce19261f64c31d858cf79dbfecc5b	Scopus
	Narayan Som and P.K.Jha	The Maharaja Sayajirao University of Baroda					
Investigation of structural, electrical and optical properties of Sb ₂ Te _{1-x} Se _{2x} single crystals	C.K. Sumesh, V.M. Pathak, G.K. Solanki, K.D. Patel, Pratik Pataniya, Jyoti Divecha	Department of Physics	Materials Science in Semiconductor Processing	2018	1369-8001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044101446&doi=10.1016%2fj.mssp.2018.03.020&partnerID=40&md5=cc01427742dd9c6eee4662def40764a8	Scopus
	Som Narayan, Prafulla K. Jha	The Maharaja Sayajirao University of Baroda					
	Velmurugan Balasubramaniam Disha Shah Anil Kurchania Manisha R Harijan	Sardar Patel Renewable Energy Research Institute					

Status of quarkonia-like negative and positive parity states in a relativistic confinement scheme	Tanvi Bhavsar, and P. C. Vinodkumar	Department of Physics	The European Physical Journal C	2018	1434-6044	https://www.springer.com/journal/10052	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044310190&doi=10.1140%2fepjc%2fs10052-018-5694-3&partnerID=40&md5=04203558748fc8b20f8256f1d14a680e	Scopus
	Manan Shah	P D Patel Institute of Applied Sciences, Anan						
Study of electron impact inelastic scattering of chlorine molecule (Cl ₂)	Hitesh Yadav, Minaxi Vinodkumar, P C Vinodkumar	Department of Physics	Journal of Physics B: Atomic, Molecular and Optical Physics	2018	0953-4075	https://www.iop.org/Journals/JPhysB	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041213280&doi=10.1088%2f1361-6455%2faaa2d6&partnerID=40&md5=9f4fb28fb2561a558dcfd2dff1620ce	Scopus
	Chetan Limbachiya	The Maharaja Sayajirao University of Baroda						
Cadmium Sulphide (CdS) thin films deposited by chemical bath deposition (CBD) and dip coating techniques—a comparative study	Ankurkumar J Khimani, Sunil H Chaki, Tasmira J Malek, Sanjaysinh M Chauhan, M P Deshpande	Department of Physics	Materials Research Express	2018	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045693691&doi=10.1088%2f2053-1591%2faab28d&partnerID=40&md5=8e090d2a57987ee84148047b39914b8a	SCOPUS

	Jiten P Tailor	S. V. National Institute of Technology, Surat,						
Thermal Decomposition Study on CuInSe ₂ Single Crystals	Sanjaysinh M Chauhan, Sunil H Chaki, M P Deshpande, Tasmira J Malek, JP Tailor	Department of Physics	International Journal of Thermophysics	2018	0195-928X	https://www.springer.com/journal/10765?referer=www.springeronline.com	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047300961&doi=10.1063%2f1.5032532&partnerID=40&md5=2bcaf22bf3b2e803e06eef90dbfa0d97	SCOPUS
Anisotropy of electrical resistivity in PVT grown WSe _{2-x} crystals	G. K. Solanki, Y. A. Patel, M. K. Agarwal	Department of Physics	Indian Journal of Physics	2018	0973-1458	https://www.springer.com/journal/12648	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093113832&doi=10.1007%2fs12648-017-1141-9&partnerID=40&md5=d96dc92cf22714f94a79e83783b020e	Scopus
Structural and optical properties of WTe ₂ single crystals synthesized by DVT technique	V. Dixit, C. Vyas, V. M. Pathak, G. K. Soalanki, K. D. Patel	Department of Physics	AIP Conference Proceedings	2018	0094-243X	https://publishing.aip.org/publications/conference-proceedings/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047300724&doi=10.1063%2f1.5032798&partnerID=40&md5=d06b661df8053fc205385ee17330b0f1	Scopus

Growth, morphological properties and pulsed photo response of MoTe ₂ single crystal synthesized by DVT technique	V. Dixit, C. Vyas, A. Patel, V. M. Pathak, G. K. Solanki, K. D. Patel	Department of Physics	AIP Conference Proceedings	2018	0094-243X	https://publishing.aip.org/publications/conference-proceedings/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047845723&doi=10.1063%2f1.5035219&partnerID=40&md5=700a1ee23e79b132b83892dca32d517a	Scopus
Effect of doping on all TMC vertical heterointerfaces	S. Nair, J. Joy, K. D. Patel, P. Pataniya, G. K. Solanki, V. M. Pathak,	Department of Physics	AIP Conference Proceedings	2018	0094-243X	https://publishing.aip.org/publications/conference-proceedings/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047864556&doi=10.1063%2f1.5035210&partnerID=40&md5=80dea58a774552451fc927057c487ab5	Scopus
	C. K. Sumesh	PDPIAS, CHARUSAT, Changa-Taluka Petlad, Dist. Anand, Anand, Gujarat, 388421, India						
Investigation of transient photoresponse of WSSe ternary alloy crystals	P. Chauhan, G. K. Solanki, M. Tannarana, P. Pataniya, K. D. Patel, V. M. Pathak	Department of Physics	AIP Conference Proceedings	2018	0094-243X	https://publishing.aip.org/publications/conference-proceedings/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047865491&doi=10.1063%2f1.5035230&partnerID=40&md5=2e5e03e1cee956040f639de73c6d7173	Scopus

Photosensitive space charge limited current in screen printed CdTe thin films	C. U. Vyas,P. Pataniya, C. K. Zankat, A. B. Patel, V. M. Pathak, K. D. Patel, G. K. Solanki	Department of Physics	AIP Conference Proceedings	2018	0094-243X	https://publishing.aip.org/publications/conference-proceedings/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047860311&doi=10.1063%2f1.5035226&partnerID=40&md5=a7b45da51364ab649b770f3c2e208950	Scopus
Growth and photo-response of NbSe ₂ and NbS ₂ crystals	K. Patel, G. K. Solanki, P. Pataniya, K. D. Patel	Department of Physics	AIP Conference Proceedings	2018	0094-243X	https://publishing.aip.org/publications/conference-proceedings/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047852368&doi=10.1063%2f1.5035223&partnerID=40&md5=de18f4b503fd215a2ba6a538f2b1add	Scopus
<u>Structural, compositional and optical properties of spin coated MoO₃ thin film</u>	K. D. Patel, C. Zankat	Department of Physics	AIP Conference Proceedings	2018	0094-243X	https://publishing.aip.org/publications/conference-proceedings/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047854963&doi=10.1063%2f1.5035225&partnerID=40&md5=6425d008fa80dc970f4b47e2ffae004	Scopus
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	D. Shah,	S. V. National Institute of Technology, Surat						

Tuning of photodetection properties of V _{0.5} Sn _{0.5} Se ₂ ternary alloy	C. Zankat, P. Pataniya, G. K. Solanki, K. D. Patel	Department of Physics	Materials Research Express	2018	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047851091&doi=10.1088%2f2053-1591%2faac4ee&partnerID=40&md5=0b31ffc6ef2ca97cb26940a2a821d9ef	Scopus
Gr ^{1/2} neisen parameter and equations of states for copper α – High pressure study	Joshi R.H., Thakore B.Y.	Department of Physics	Computational Condensed Matter	2018	2352-2143	https://www.science-direct.com/journal/computational-condensed-matter	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034951756&doi=10.1016%2fj.cocom.2017.11.003&partnerID=40&md5=e726386b29c84e707a2cbe913735f982	Scopus
	Bhatt N.K.	Bhavnagar University						
	Vyas P.R.	Gujarat University, Ahmedabad						
	Jani A.R.	Sardar Patel Center for Science and Technology (SICART), Vallabh Vidyanagar						
<u>Nonisothermal decomposition kinetics of pure and Mn-doped Fe₃O₄ nanoparticles</u>	T. J. Malek, S. H. Chaki, J. P. Tailor, M. P. Deshpande	Department of Physics	Journal of Thermal Analysis and Calorimetry	2018	1388-6150	https://www.springer.com/journal/10973?referer=www.springeronline.com	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040867131&doi=10.1007%2fs10973-018-7013-5&partnerID=40&md5=715c14dc94088248be730de86078befd	Scopus

<u>Thermal decomposition study of manganese sulfide (MnS) nanoparticles</u>	A. J Khimani, S. H. Chaki, M. P. Deshpande	Department of Physics	AIP Conference Proceedings	2018	0094-243X	https://publishing.aip.org/publications/conference-proceedings/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047300961&doi=10.1063%2f1.5032532&partnerID=40&md5=2bcaf22bf3b2e803e06eef90dbfa0d97	Scopus
	J. P. Tailor,	S. V. National Institute of Technology, Surat						
<u>Study of Sb₂S₃ thin films deposited by SILAR method</u>	M. P. Deshpande, K. Chauhan, K. N Patel, P. Rajput, H. R. Bhoi, S. H. Chaki	Department of Physics	Materials Research Express	2018	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047866403&doi=10.1088%2f2053-1591%2faac4ef&partnerID=40&md5=0724facc1fd00bda72d49fe48006254c	Scopus
Chemical bath deposited and dip coating deposited CuS thin films - Structure, Raman spectroscopy and surface study	Tailor J.P., Khimani A.J., Chaki S.H.	Department of Physics	AIP Conference Proceedings	2018	0094-243X	https://publishing.aip.org/publications/conference-proceedings/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047872568&doi=10.1063%2f1.5035214&partnerID=40&md5=1c241c9d5ba1a64b24a7eac2dcdeaac1	Scopus
	Tailor J.P.	S. V. National Institute of Technology, Surat						

Reaction temperature dependent shape-controlled studies of copper-oxide nanocrystals	Chaki S.	Department of Physics	Materials Research Express	2018	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049507841&doi=10.1088%2f2053-1591%2faacacc&partnerID=40&md5=4b107eee4014a24600be210ac7b706a9	Scopus
	Shah J.	S. V. National Institute of Technology, Surat						
	Ranjan M.	Bhabha Atomic Research Centre, Mumbai						
	Gupta S.K.	St. Xavier's College, Ahmedabad, Ahmedabad,						
	Satyaprasad A.	Institute for Plasma Research, Gandhinagar						
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	A. Satyaprasad	Institute for Plasma Research, Gandhinagar, 382044, India						
Inferential Study of Self Relocated Design when Lifetime Follows the Frechet Distribution	Raykundaliya, D.P.	Department of Statistics	<i>International Journal of Statistics and Reliability Engineering (JSRE)</i>	2018	2350-0174	https://ugccare.unipu ne.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002262&flag=Search	879.pdf	UGC-CARE
Cloning, molecular modeling and characterization of acidic cellulase from buffalo rumen and its applicability in saccharification of lignocellulosic biomass	Ravi Shah, Anju Kunjadiya	Sardar Patel University	International Journal of Biological Macromolecules	2018	0141-8130	https://www.science direct.com/journal/international-journal-of-biological-macromolecules	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042440028&doi=10.1016%2fj.ijbiomac.2018.02.100&partnerID=40&md5=b18890feca8250bc7fd2c254561f3cb4	Scopus
	Tripti Dadheech, Subhash Jakhesara, Dharamshibhai Rank	College of Veterinary Science and Animal Husbandry Gujarat						
	Ramesh Pandit, Chaitanya Joshi	Gujarat Biotechnology Research Centre (GBRC)						
	Ankit Hinsu	Anand Agricultural University						
	Prakram Singh Chauhan	Govind Ballabh Pant University of Agriculture and Technology						

Synthesis and Characterization of 2D Graphene Sheets from Graphite Powder	Rakesh V. Patel	Centre for Interdisciplinary Studies in Science and Technology (CISST)	AIP Conference Proceedings	2018	0094-243X	https://publishing.aip.org/publications/conference-proceedings/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047873708&doi=10.1063%2f1.5035204&partnerID=40&md5=16516e5d2e1cd842175a1a8906bc3b87	WoS
	R. H. Patel	Department of Materials Science						
	S. H. Chaki	Department of Physics						
Hybrid hydrogel systems of micelles of drug anion containing ionic liquid and Biopolymers: Rheological behaviour and drug release	N. V. Sastry, D. K. Singh, P. A. Trivedi	DEPARTMENT OF CHEMISTRY	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2018	0927-7757	https://www.science-direct.com/journal/colloids-and-surfaces-a-physicochemical-and-engineering-aspects	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050953182&doi=10.1016%2fj.colsurfa.2018.07.047&partnerID=40&md5=3b3e809ea5aec6e311bfc2e7d0ae7f4	Scopus
Anisotropic one-dimensional aqueous polymer gel electrolyte for photoelectrochemical devices: Improvement in hydrophobic TiO ₂ -dye/electrolyte interface	K. K. Sonigara, J. V. Vaghasiya, H. K. Machhi, J. Prasad, S. S. Soni	DEPARTMENT OF CHEMISTRY	ACS Applied Energy Materials	2018	2574-0962	https://pubs.acs.org/journal/aaemcq	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052648481&doi=10.1021%2facs.aem.8b00444&partnerID=40&md5=8a3cab665de26d0923f5c20e5016d810	Scopus

Low cost and efficient hetero-anthracene based small organic hole transporting materials for solid state photoelectrochemical cells	J. V. Vaghasiya, K. K. Sonigara, S. S. Soni	DEPARTMENT OF CHEMISTRY	Materials Today Energy	2018	2468-6069	https://www.journals.elsevier.com/materials-today-energy	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051382581&doi=10.1016%2fj.mtener.2018.07.006&partnerID=40&md5=9ee0ea31e41d297ac5071a26a821c99c	Scopus
A smart flexible solid state photovoltaic device with cooling recovery feature	K. K. Sonigara, J. V. Vaghasiya, H. K. Machhi, S. S. Soni	DEPARTMENT OF CHEMISTRY	Small	2018	1613-6810	https://onlinelibrary.wiley.com/journal/16136829	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052654568&doi=10.1002%2fsmll.201800842&partnerID=40&md5=ffe2a8c524c18be8868a0965ede2ec63	Scopus
	A. Gibaud	Institut des Molécules et Matériaux du Mans, Université du Maine, Le Mans, 72000, France						
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Synthesis, characterizations and microbial studies of novel Mannich products using multicomponent reactions	H. M. Patel	DEPARTMENT OF CHEMISTRY	Current Bioactive Compounds	2018	1573-4072	https://benthamscience.com/journals/current-bioactive-compounds/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049996526&doi=10.2174%2f1573407213666170424164716&partnerID=40&md5=e52a79336430a52daf383bc7cd8a9360	Scopus
Anti-proliferative 1,4-dihydropyridine & pyridine derivatives synthesized through a catalyst-free, one-pot multicomponent reaction	M. G. Sharma, R. M. Vala, D. M. Patel, R. L. Gardas, H. M. Patel	DEPARTMENT OF CHEMISTRY	Chemistry Select	2018	2365-6549	https://chemistry-europe.onlinelibrary.wiley.com/journal/23656549	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057018343&doi=10.1002%2fslct.201802537&partnerID=40&md5=a1080f8c068ec97de764705895d8ff37	Scopus
	I. Lagunes, M. X. Fernandes, J. M. Padrón	BioLab, Instituto Universitario de Bio-Organica Antonio González, CIBICAN, Universidad de La Laguna, Avda. Astrofisico Francisco Sánchez 2, La Laguna, 38206, Spain						
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Enhanced photocatalytic efficiency of a least active Ag-TiO ₂ by amine adsorption	M. P. Mishra	DEPARTMENT OF CHEMISTRY	ACS Omega	2018	2470-1343	https://pubs.acs.org/journal/acsodf	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054854271&doi=10.1021%2facsomega.8b01890&partnerID=40&md5=9aae280be8c12d23935d44aa50a19154	Scopus
	S. I. Mogal , D. O. Shah, T. Mukherjee	Shah-Schulman Center for Surface Science and Nanotechnology, Dharmsinh Desai University, Nadiad, Gujarat, 387 001, India						
	T. Shripathi	UGC-DAE Consortium for Scientific Research (CSR), University Campus, Khandwa Road, Indore, Madhya Pradesh, 452 001, India						
A review on diverse heterocyclic compounds as the privileged scaffolds in antimalarial drug discovery	P. N. Kalaria,D. K. Raval	DEPARTMENT OF CHEMISTRY	European Journal of Medicinal Chemistry	2018	0223-5234	https://www.journals.elsevier.com/european-journal-of-medicinal-chemistry	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053777724&doi=10.1016%2fj.ejmec.2018.08.040&partnerID=40&md5=e8f90994f70b9c3132cea969be0464	Scopus
	S. C. Karad	Marwadi University, Rajkot, India						

Evolution of 1,3,5-trisubstituted bipyrazole scaffold based platinum(II) complexes as a biological active agent	M. V. Lunagariya, K. P. Thakor, M. N. Patel, B. H. Pursuwani	DEPARTMENT OF CHEMISTRY	Nucleosides, Nucleotides and Nucleic Acids	2018	1525-7770	https://www.tandfonline.com/toc/lncn20/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053559228&doi=10.1080%2f15257770.2018.1498510&partnerID=40&md5=cf2aff1e2c5cae1ec3d364425efe8162	Scopus
Effect of substituents on the biological activities of piano stool η^5 -cyclopentadienyl Rh(III) and Ir(III) complexes	P. A. Vekariya, P. S. Karia, B. S. Bhatt, M. N. Patel	DEPARTMENT OF CHEMISTRY	Journal of Inorganic & Organometallic Polymers and Materials	2018	1574-1443	https://www.springer.com/journal/10904	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052974612&doi=10.1007%2fs10904-018-0957-x&partnerID=40&md5=cf46e97cd056d2549ccbfc5c4326c40e	Scopus
Transformative Effects of Yoga-Nidra on Hedonic and Eudemonic Dimensions of Well-being: A Qualitative Study in Trainee Teachers	B. S. Vaishnav, S. B. Vaishnav, V. Vaishnav, N. D. Bharucha, J. R. Varma	DEPARTMENT OF ELECTRONICS	International Journal of Yoga-Philosophy and Parapsychology	2018	2231-2714	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=10100917&flag=Search	905.pdf	UGC -CARE
Effect of Yoga-nidra on adolescent well-being: A mixed method study	B. S. Vaishnav, S. B. Vaishnav, V. Vaishnav, J. R. Varma	DEPARTMENT OF ELECTRONICS	International Journal of Yoga	2018	2231-2714	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=10100917&flag=Search	906.pdf	UGC -CARE

Waterborne polyurethanes: A three step synthetic approach towards environmental friendly flame retardant coatings	R. Patel, P. M. Ka Patel	DEPARTMENT OF MATERIAL SCIENCE	Progress in Organic Coatings	2018	0300-9440	https://www.journals.elsevier.com/progress-in-organic-coatings	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053114142&doi=10.1016%2fj.porgcoat.2018.09.010&partnerID=40&md5=a016535ccb2b46de1602a62391f2dd9d	Scopus
Preferential oxidation of CO in H ₂ /H ₂ O/CO ₂ water–gas shift feedstocks over Cu-based carbon nanotubes-supported heterogeneous catalysts	V. D. B. C. Dasireddy, B. Likojar, J. Valand	National Institute of Chemistry, Hajdrihova 19, Ljubljana, 1001, Slovenia; Sardar Patel University, Vallabh Vidyanagar, 388120, India	Applied Catalysis B: Environmental	2018	0926-3373	https://www.sciencedirect.com/journal/applied-catalysis-b-environmental	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049563854&doi=10.1016%2fj.apcatb.2018.06.069&partnerID=40&md5=90a2504432d4338592680d1f9d6dc3f9	Scopus
Transition Metal Oxide Supported on Alumina Catalysts: A Comparative Study for the Hydrogenation of Octanal	J. Valand, V.D.B.C. Dasireddy, A. S. Mahomed, H. Friedrich	School of Chemistry and Physics, University of KwaZulu-Natal, Private Bag X45001, Durban, 4000, South Africa; Sardar Patel University, Vallabh Vidyanagar, 388120, India	South African Journal of Chemistry	2018	0379-4350	https://www.ajol.info/index.php/sajc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056245849&doi=10.17159%2f0379-4350%2f2018%2fv71a17&partnerID=40&md5=d7ae47de854f8217165ef86bd8449cd5	Scopus

A Sensitive High-Performance Thin Layer Chromatography Method for Simultaneous Determination of Salbutamol Sulphate and Beclomethasone Dipropionate from Inhalation Product	V. K. Parmar	DEPARTMENT OF PHARMACEUTICAL SCIENCE	Pharmaceutical Science	2018	2231-3354	https://www.journals.elsevier.com/journal-of-pharmaceutical-sciences	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049312117&doi=10.15171%2fPS.2018.20&partnerID=40&md5=48b71a4e8eaa61636284f9785e93f8c5	Scopus
	N. Patel	Ramanbhai Patel College of Pharmacy, Charotar University of Science and Technology, CHARUSAT Campus, Changa, Ta. Petlad, Dist. Anand, 388421, India						
Computation of electron impact scattering studies on benzene	H. Yadav, P.C. Vinodkumar	DEPARTMENT OF PHYSICS	European Physical Journal D	2018	14346060	https://www.springer.com/journal/10053	https://www.scopus.com/record/display.uri?eid=2-s2.0-85058667190&doi=10.1140%2fepjd%2fe2018-90078-x&origin=inward&txGid=6982853fbe61139088a8c773b4a938d9	Scopus
	D. Prajapati	Shree M R Arts & Science College, Rajpipla, India; Sardar Patel University, Vallabh Vidyanagar, India						

	C. Limbachiya	The M. S. University of Baroda, Vadodara, India						
	M. Vinodkumar	V. P. & R. P. T. P. Science College, Vallabh Vidyanagar, India						
	A. Dora	Department of Chemistry, North Orrisa University, Baripada						
Growth, characterization and photoconduction properties of Sb _{0.1} Mo _{0.9} Se ₂ single crystals grown by DVT technique	Vijay Dixit, Salil Nair, Jolly Joy, C.U. Vyas, G.K. Solanki, K.D. Patel and V.M. Pathak	DEPARTMENT OF PHYSICS	Materials Science in Semiconductor Processing	2018	1369-8001	https://www.journals.elsevier.com/materials-science-in-semiconductor-processing	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050266929&doi=10.1016%2fj.mssp.2018.07.026&partnerID=40&md5=fca6468fd53767d7bb5a477e5c1a3e4c	Scopus
<u>Structural, morphological and vibrational properties of Bi substituted Sb₂S₃ nanoparticles</u>	K. Chauhan, M. P. Deshpande, K. N. Patel, S. H. Chaki, S. Pandya	DEPARTMENT OF PHYSICS	Materials Research Express	2018	2053-1591	https://www.journals.elsevier.com/materials-today-energy	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052862875&doi=10.1088%2f2053-1591%2faadab2&partnerID=40&md5=665084840c575f2c905b736b44a6e5b9	Scopus

<u>Structural and optical analysis of Fe doped NiO nanoparticles synthesized by chemical precipitation route</u>	K. N. Patel, M. P. Deshpande, V. P. Gujarati, S. Pandya, S. H. Chaki	DEPARTMENT OF PHYSICS	Materials Research Bulletin	2018	0025-5408	https://www.journals.elsevier.com/materials-research-bulletin	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048525011&doi=10.1016%2fj.matresbull.2018.06.003&partnerID=40&md5=e7f2835c2905cf5d1d9e43dc6ba7cb54	Scopus
	V. Sathe	UGC-DAE Consortium for Scientific Research, Khandwa Road, Indore, 452017, India						
<u>Synthesis, characterization and antimicrobial study of wet chemical synthesized CuInSe₂ nanoparticles</u>	S. M. Chauhan, S. H. Chaki, M. P. Deshpande, A. J. Khimani	DEPARTMENT OF PHYSICS	Nano-Structures & Nano-Objects	2018	2352-507X	https://www.journals.elsevier.com/nano-structures-and-nano-objects	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049854701&doi=10.1016%2fj.nanoso.2018.07.002&partnerID=40&md5=1c4278dccb3a7aa31655cc169fdf3935	Scopus
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<u>Structural, morphological, optical, thermal & magnetic study of mackinawite FeS nanoparticles synthesized by wet chemical reduction technique</u>	T. J. Malek, S. H. Chaki, M. P. Deshpande	DEPARTMENT OF PHYSICS	Physica B: Condensed Matter	2018	0921-4526	https://www.journals.elsevier.com/physica-b-condensed-matter	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050856581&doi=10.1016%2fj.physb.2018.07.024&partnerID=40&md5=3e6f8834258c0a239a6a40ff5df17746	Scopus
<u>Thermal study of wet chemical synthesized CuInSe2 nanoparticles</u>	S. M. Chauhan, S. H. Chaki, M. P. Deshpande	DEPARTMENT OF PHYSICS	The European Physical Journal Plus	2018	2190-5444	https://www.springer.com/journal/13360	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068478192&doi=10.1140%2fepjp%2f2018-12247-y&partnerID=40&md5=443f9e31cf680afb7aacffea87c3efb	Scopus
	J. P. Tailor	Applied Physics Department, S.V.N.I.T., Surat, 395007, India						
Thermophysical properties of Pb-Li	B. Y. Thakore	DEPARTMENT OF PHYSICS	AIP Conference Proceedings	2018	0094-243X	https://aip.scitation.org/journal/apc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045745490&doi=10.1063%2f1.5028602&partnerID=40&md5=7fdc892a1df4a56b5efa7e2ba90867c5	Scopus

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	A. Abhishek	Institute of Plasma Research, Gandhinagar, Gujarat, India						
Structural properties of lead-lithium alloys	B. Y. Thakore	DEPARTMENT OF PHYSICS	AIP Conference Proceedings	2018	0094-243X	https://aip.scitation.org/journal/apc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047310437&doi=10.1063%2f1.5032620&partnerID=40&md5=2b889480c992d39f4e4498bff4ab3fc6	Scopus
	S. G. Khambholja, D. D. Satikunvar	B and B Institute of Technology, Vallabh Vidyanagar, Gujarat, 388120, India						
	A. Abhishek	Institute of Plasma Research, Gandhinagar, Gujarat, India						

<u>A short review of CdTe and CdSe films: growth and characterization</u>	C. U. Vyas, P. Pataniya, K. D. Patel	DEPARTMENT OF PHYSICS	Mediterranean Journal of Chemistry	2018	2028-3997	http://www.medjchem.com/index.php/medjchem	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052123132&doi=10.13171%2fmjc72%2f01808011619-soonmin&partnerID=40&md5=0d39ec5977731b70656802bd6866899b	Scopus
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	S. Mahato	Saha Institute of Nuclear Physics, Surface Physics and Material Science Division, 1/AF Bidhannagar, Kolkata, 700064, India						
Fabrication and photoresponse of n-WS ₂ /p-V _{0.25} W _{0.75} Se ₂ van der Waals heterojunction	P. Pataniya, G. K. Solanki, C. K. Zankat, M. Tannarana, K. D. Patel, V. M. Pathak	DEPARTMENT OF PHYSICS	Pramana - Journal of Physics	2018	0304-4289	https://www.ias.ac.in/Journals/Pramana_%E2%80%93_Journal_of_Physics/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051104453&doi=10.1007%2fs12043-018-1624-z&partnerID=40&md5=0fa1a89b7476b5abe51da7087814940c	Scopus

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Influence of alloy engineering on structural and photo detection properties of Sb XSn1-XSe2 ternary alloys	M. Tannarana, P. Pataniya, G. K. Solanki, K. D. Patel, V. M. Pathak	DEPARTMENT OF PHYSICS	Applied Surface Science	2018	0169-4332	https://www.journals.elsevier.com/applied-surface-science	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052160066&doi=10.1016%2fj.apsusc.2018.08.169&partnerID=40&md5=9ca1b6a482f97367cb0cd4efed1ac0c5	Scopus
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Effect of light and heavy rare earth mixing on the properties of Nd1-xGdxCo2	S. Pandya,	DEPARTMENT OF PHYSICS	Journal of Physics D: Applied Physics	2018	0022-3727	https://iopscience.iop.org/journal/0022-3727	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055488970&doi=10.1088%2f1361-6463%2faae46d&partnerID=40&md5=22d1acd2227e286f39284d7a617b492a	Scopus
	L. S. Sharath Chandra; V. Ganesan	UGC-DAE Consortium for Scientific Research, University Campus, Khandwa Road, Indore (MP) 452017, India						

Cost-Effective Life Test Acceptance Sampling Plans for Generalized Exponential Distribution	J. Divecha, D. Raykundaliya	DEPARTMENT OF STATISTICS	International Journal of Statistics and Reliability Engineering	2018	2350-0174	https://ugccare.unipu.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002262&flag=Search	942.pdf	UGC -CARE
	J. Gondaliya	Statistics, Gujarat Commerce College, Ellisbridge, Ahmedabad, India						
A Study on Awareness and Perception of Goods and Services Tax in Anand District	Y. M. Dalvadi	DEPARTMENT OF BUSINESS STUDIES	SECOM Management & Technology Review	2018	2321-5968	https://ugccare.unipu.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101001105&flag=Search	944.pdf	UGC -CARE
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A Study on Impact of Merger and Acquisition on Financial Performance of Selected Indian Companies	Kamini Shah	DEPARTMENT OF BUSINESS STUDIES	SECOM Management & Technology Review	2018	2321-5969	https://ugccare.unipu.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101001105&flag=Search	946.pdf	UGC -CARE
Bhartiya Loksahityama Vrat Geeto	Pinakini Pandya	DEPARTMENT OF GUJARATI	Lok Gurjari	2018	2320-8872	https://ugccare.unipu.ac.in/apps1/Content/Files/pdf/Lok%20Gurjari.pdf	947.pdf	UGC -CARE
Uttar Gujaratna Chaudhari Samajna Lokgeeto	Rameshchandra Chaudhari	DEPARTMENT OF GUJARATI	Lok Gurjari	2018	2320-8875	https://ugccare.unipu.ac.in/apps1/Content/Files/pdf/Lok%20Gurjari.pdf	948.pdf	UGC -CARE
21 mi Sadima Pahela Dayakanako Gujarati Lokkathana Sampadako	Sudha Chauhan	DEPARTMENT OF GUJARATI	Lok Gurjari	2018	2320-8876	https://ugccare.unipu.ac.in/apps1/Content/Files/pdf/Lok%20Gurjari.pdf	949.pdf	UGC -CARE

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Nutraceutical value and quality attributes of icebox watermelon fruit as influenced by ripening	Soumya V and Ramana Rao, T. V.	DEPARTMENT OF BIOSCIENCE	<i>International Food Research Journal</i>	2018	1985-4668	http://www.ifrj.upm.edu.my/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052514848&partnerID=40&md5=ad3d17f7830659173a8b20ef8a6fbaf6	Scopus
Evaluating the physiological effect of strobilurin-based fungicide (Opera 183 g/L SE) against <i>Sclerotium rolfsii</i> and <i>Aspergillus niger</i> pathogens of <i>Arachis hypogaea</i> L.	Amin D., Jampala S.S.M.	DEPARTMENT OF BIOSCIENCE	Archives of Phytopathology and Plant Protection	2018	0323-5408	https://www.tandfonline.com/toc/gapp20/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10.1080%2f03235408.2018.1485828&partnerID=40&md5=20ae47231ef769aa467afbd9c3d932b0	Scopus
Style-exposure analysis of large-cap equity mutual funds in India	P. K. Priyan	DEPARTMENT OF M.B.A	IIMB Management Review	2018	0970-3896	https://www.journals.elsevier.com/iimb-management-review	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054141698&doi=10.1016%2fj.iimb.2018.01.010&partnerID=40&md5=0ee6d334305deb947bc9250def2c19ad	Scopus

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Crystal structure and Hirshfeld surface analysis of methyl 4-[(E)-2-(5-bromo-2-methoxybenzylidene)hydrazinyl]-3-nitrobenzoate	Patel U.H.	DEPARTMENT OF PHYSICS	Acta Crystallographica Section E: Crystallographic Communications	2018	2056-9890	https://journals.iucr.org/e/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053072016&doi=10.1107%2fS2056989018011325&partnerID=40&md5=3bfd0477af820448a7422024d6cdc08	Scopus
	Malek T.J	LDRP Institute of Technology and Research, Gandhinagar						
	Gandhi S.A.	Bhavan's Shree I.L.Pandya, Vallabh Vidyanagar						
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Bhrgulanchan:vicharbij nu vavetar	Sudha Chauhan	Department of Gujarati	Shabdshrushti	2018	2319-3220	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101000630&flag=Search	959.pdf	UGC-CARE
Bharatiya narivad: sthiti aur sambhavna	Dayashankar Tripathi	Department of Hindi	Hindi Anusheelan	2018	2249-930X	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002865&flag=Search	960.pdf	UGC-CARE

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Ek Nazar Sudamani Patni taraf	Rajeshvari Patel	Department of Gujarati	Sahitya Setu	2018	2249-2372	https://ugccare.unipu ne.ac.in/Apps1/User/WebA/SearchList (Discontinued from 2022)	962.pdf	UGC-CARE
A Comparison of Magnetic Fluid Flow Models on the Behavior of a Ferrofluid Squeeze Film in Curved Rough Porous Circular Plates Considering Slip Velocity	Patel, JR;	Charotar Univ Sci & Technol, Dept Math Sci, PD Patel Inst Appl Sci, Anand	Iranian Journal of Science and Technology, Transactions A: Science	2018	1028-6276	https://www.springer.com/journal/40995	https://www.webofscience.com/wos/alldb/full-record/WOS:000456482200039	WoS
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An Efficient Microwave-assisted Synthesis of Some New Pyridyl Pyrazoline Substituted Coumarins and Its Biological Evaluation	Gohil, NN; Brahmabhatt, DI	Department of Chemistry	Current Microwave Chemistry	2018	2213-3356	https://benthamscience.com/journals/current-microwave-chemistry/	https://www.webofscience.com/wos/alldb/full-record/WOS:000454046900006	WoS
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Bacterial community dynamics involved in Reactive Orange M2R dye degradation using a real time quantitative PCR and scale up studies using sequence batch reactor	Jagwani, J;	Sardar Patel Univ, Kadi Sarva Vishwavidyalaya	Bioremediation Journal	2018	1088-9868	https://www.tandfonline.com/toc/bbrm20/current	https://www.webofscience.com/wos/alldb/full-record/WOS:000442753000005	WoS
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Conditioned medium from stimulated macrophages inhibits growth but induces an inflammatory phenotype in breast cancer cells	Song, WZ;	Xuzhou Med Univ, Affiliated Hosp, Dept Gen Surg, Xuzhou, Jiangsu, Peoples R China	Biomedicine & Pharmacotherapy	2018	0753-3322	https://www.journals.elsevier.com/biomedicine-and-pharmacotherapy	https://www.webofscience.com/wos/alldb/full-record/WOS:000442600300031	WoS
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	Morais, C	Univ Queensland, Translat Res Inst, Fac Med, Woolloongabba, Qld, Australia;						
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Design, synthesis, MTT assay, DNA interaction studies of platinum(II) complexes	Lunagariya, MV; Thakor, KP; Patel, MN	Department of Chemistry	Journal of Biomolecular Structure and Dynamics	2018	0739-1102	https://www.tandfonline.com/toc/tbsd20/current	https://www.webofscience.com/wos/alldb/full-record/WOS:000419963800002	WoS
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Electron impact scattering study of Hypohalous Acids HOX (X = F, Cl, Br, I)	Yadav, H; Bhutadia, H; Prajapati, D; Desai, H; Vinodkumar, M; Vinodkumar, PC	Department of Physics	AIP Conference Proceedings	2018	0094-243X	https://aip.scitation.org/journal/apc	https://www.webofscience.com/wos/alldb/full-record/WOS:000436313004079	WoS
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	Prajapati, Dinesh	Shree MR Arts & Sci Coll, Rajpipla, Gujarat, India;						
	Desai, Hardik	Uka Tarsadia Univ, Dept Phys, Surat						
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Ferrofluid Based Squeeze Film Lubrication between Rough Stepped Plates with Couple Stress Effect	Vashi, YD	Alpha Coll Engn & Technol, Dept Appl Sci & Humanity, Ahmadabad	Journal of Applied Fluid Mechanics	2018	1735-3572	https://jafmonline.net/web/guest/home	https://www.webofscience.com/wos/alldb/full-record/WOS:000436179000007	WoS
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In vivo delivery of pPERDBY to BALB/c mice by LacVax (R) DNA-I and comparison of elicited immune response with conventional immunization methods	Yagnik, B; Sharma, D.	Department of Biosciences	GENETHERARY	2018	0969-7128	https://www.nature.com/gt/	https://www.webofscience.com/wos/alldb/full-record/WOS:000448172400004	WoS
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Pseudoscalar Charmonia Masses And Its Digamma Decay Width With QCD Correction	Bhavsar, T; Shah, M; Vinodkumar, PC	Department of Physics	AIP Conference Proceedings	2018	0094-243X	https://aip.scitation.org/journal/apc	https://www.webofscience.com/wos/alldb/full-record/WOS:000436313004058	WoS
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Callus induction in <i>Ailanthus excelsa</i> RoxB. - A multipurpose tree.	Patel D, Nataraj M*	Department of Bioscience	International Journal of Scientific Research and Reviews	2018	2279-0543	http://www.ijssr.org/	998.pdf	UGC Notified (Approved List of Journals)
Design and Modeling of a Magnetic Levitation System	Shahera S.Patel	Department of Electronics	Journal of Emerging Technologies and Innovative Research (JETIR)	2018	2349-5162	https://www.jetir.org/	999.pdf	UGC Notified (Approved List of Journals)
Effect of Prebiotic on Bacteriocin Production and Gut Adhesion Potential of <i>Lysinibacillus sphaericus</i> DY13 and <i>Bacillus clausii</i> DY14	Yati Vaidya, Shriram Patel, Prashant Kunjadiya, Chaitanya Joshi, Anju Kunjadiya	Centre for Interdisciplinary Studies in Science and Technology (IICISST)	Journal of Microbial World	2018	2008-3068	http://jmw.jia.ac.ir/?lang=en	1000.pdf	UGC Notified (Approved List of Journals)
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Measurement of Perceived Benefits of e-filing By Tax Payers In India	Dr. Y M Dalvadi Chintan Chavda	Department of Business Stuidies	Paripex - Indian Journal of Research	2018	2250-1991	https://www.worldwidejournals.com/paripex/	1002.pdf	UGC Notified (Approved List of Journals)
Mutation Based Structural Modelling and Dynamics Study of Alpha Fetoprotein: An Insight to Inhibitory Mechanism in Breast Cancer	Priyam Patel, Pritam Kumar Panda, Sneha Patil and Hetalkumar Panchal	Department of Bioscience	Journal of Proteomics & Bioinformatics	2018	0974-276X	https://www.longdom.org/proteomics-bioinformatics.html	1003.pdf	UGC Notified (Approved List of Journals)
Nanobiocatalysis for the Synthesis of Pentyl Valerate in Organic Solvents: Characterization, Optimization and Reusability Studies	V. Patel, M. P. Deshpande, A. Pandey, and C. L. and D. Madamwar	Department of Bioscience	<i>Current Biotechnology</i>	2018	2211-5501	https://benthamscience.com/journals/current-biotechnology/	1004.pdf	UGC Notified (Approved List of Journals)

Research Review on Text-to-Speech Systems and Speech Synthesizing Techniques	Ms. Gargi B. Shah & Priti S. Sajja	Department of Computer Science	International Journal of Research in Engineering, IT and Social Sciences (IJREISS)	2018	2250-0588	https://www.indusedu.org/IJREISS.php	1005.pdf	UGC Notified (Approved List of Journals)
Socio-Economic aspect of Brain-Drain in India and its Impact on Indian Society	Dr. Ila M. Macwan	Department of Sociology	Research Guru: Online Journal of Multidisciplinary Subjects	2018	2349-266X	http://www.researchguru.net/	1006.pdf	UGC Notified (Approved List of Journals)
રાષ્ટ્રીય અને આંતરરાષ્ટ્રીય એકતા અને વિશ્વશાંતિ માટેનું શિક્ષણ	Dr. S.C. Padavi	Department of Education	Research Guru: Online Journal of Multidisciplinary Subjects	2018	2349-266X	http://www.researchguru.net/	1007.pdf	UGC Notified (Approved List of Journals)
Synthesis of imidazole derivatives bearing quinoline nucleus catalysed by CAN and their antimicrobial, antitubercular & molecular docking studies	P. G. Shobhashana, P. Prasad, A. G. Kalola, M. P. Patel	Department of Chemistry	Journal of Life Sciences, Bioinformatics, Pharmaceutical & Chemical Sciences	2018	2454-6348	http://rjlbpcs.com/indexing.html	1008.pdf	UGC Notified (Approved List of Journals)
Mulya siksha ki paddhtiya evam pravidhiya	S. C. Padvi	Department of Education	Research Guru: Online Journal of Multidisciplinary Subjects	2018	2349-266X	http://www.researchguru.net/	1009.pdf	UGC Notified (Approved List of Journals)
Distance Product of Graphs	H. Ss. Mehta, U. P. Acharya	Department of Mathematics	Applications and Applied Mathematics : An International Journal	2018	1932-9466	https://www.pvamu.edu/aam/	1110.pdf	UGC Notified (Approved List of Journals)

Library extension activities	J. C. Makwana	Department of Library and Information Science	Research Guru: Online Journal of Multidisciplinary Subjects	2018	2349-266X	http://www.researchguru.net/	1011.pdf	UGC Notified (Approved List of Journals)
Emerging Challenges in Indian Textile Industry and Strategies to Overcome them	Namrita Kola	Department of Home Science	Ajanta	2018	2277-5730	http://www.ajantaprakashan.com/index.html	1012.pdf	UGC Notified (Approved List of Journals)
Association between Maternal factors and Birth weight of children from a selected village of Anand District	T. Trivedi, V. H. Patel, R. Subhash	Department of Home Science	Research and Reviews: Journal of Health Professions	2018	2277-6192	http://stmjournals.com/Journal-of-Health-Professions.html	1013.pdf	UGC Notified (Approved List of Journals)
Assessing Calcium Intake in perimenopausal women from Anand City	M. Chauhan, R. Subhash	Department of Home Science	Research and Reviews: Journal of Health Professions	2018	2277-6192	http://stmjournals.com/Journal-of-Health-Professions.html	1014.pdf	UGC Notified (Approved List of Journals)
Awareness and Practices Related to Breast Feeding among Lactating Mothers Residing in Anand and Vallabh Vidyanagar.	A. S. Rathod, V. Roghelia	Department of Home Science	Research and Reviews: Journal of Health Professions	2018	2277-6192	http://stmjournals.com/Journal-of-Health-Professions.html	1015.pdf	UGC Notified (Approved List of Journals)
Awareness and Practices of Menstruation Among Rural Females	D. Patel, V. Roghelia	Department of Home Science	Research and Reviews: Journal of Health Professions	2018	2277-6192	http://stmjournals.com/Journal-of-Health-Professions.html	1016.pdf	UGC Notified (Approved List of Journals)
MGNREGA: An Employment Programme A Case Study of Narmada District	J. K. Barot	Department of Economics	Research Guru: Online Journal of Multidisciplinary Subjects	2018	2349-266X	http://www.researchguru.net/	1017.pdf	UGC Notified (Approved List of Journals)

A Study On Factors Affecting E-Wallet Usage	G. Parmar, R. M. Rathod	Department of Business Administration (Mba)	Elk Asia Pacific Journal of Marketing & Retail Management	2018	2349-2317	http://www.elkjournals.com/EAPJMRL.asp	1018.pdf	UGC Notified (Approved List of Journals)
A Study on aspects related to Mgt. & Workers relationship in selected pharmaceuticals and Eng. Industries in the states of Gujarat and Andhra Pradesh	K.S.Prasad	Department of Business Administration (Mba)	AJANTA	2018	2277-5730	http://www.ajantaparakashan.com/index.html	1019.pdf	UGC Notified (Approved List of Journals)
Review of Contract Farming Regulations with Special Reference to State of Maharashtra and Gujarat	V. Miglani, S. S. Kalamkar	Agro-Economic Research Centre	Indian Journal of Economics and Development	2018	2277-5412	https://soed.in/	1020.pdf	UGC Notified (Approved List of Journals)
Socio-economic impact analysis in introduction of renewable energy technologies in five tribal villages of Gujarat (India)	S.S. Kalamkar, M. Swain, S. Vahora	Agro-Economic Research Centre	Indian Journal of Economics and Development	2018	2277-5412	https://soed.in/	1021.pdf	UGC Notified (Approved List of Journals)
Review on Watermarking Scheme for Digital Image Authentication, Tampering and Self Recovery.	H. A. Patel, D. B. Shah	Department of Computer Science	International Journal of Computer Sciences and Engineering	2018	2347-2693	https://www.ijcseonline.org/	1022.pdf	UGC Notified (Approved List of Journals)
Development of Algorithm to Detect End of Utterance in Continuous Speech for Gujarati Language	J. Tailor, D. Shah	Department of Computer Science	International Archive of Applied Sciences and Technology	2018	0976-4585	http://soeagra.com/iaast.html	1023.pdf	UGC Notified (Approved List of Journals)
Innovative Feature Selection For Effective Context Resolution Using Natural Language Query Interface	A. Shingala, P. S. Sajja	Department of Computer Science	National Journal of System and Information Technology	2018	0974-3308	http://srimca.edu.in/NJSIT.html	1024.pdf	UGC Notified (Approved List of Journals)
Phytochemical analysis of leaves extract of abutilon pannosuminn-butanol for its bioactive components through gas chromatography-mass spectrometry (GC-MS)	M.K.Adesariya, V. R. Ram, P. N. Dave	Department of Chemistry	IOSR Journal of Engineering	2018	2278-8719	https://www.iosrjournals.org/IOSR-JEN.html	1025.pdf	UGC Notified (Approved List of Journals)

Study of self and cross coupling reaction of amines to imines using MCM-41 and Al-20-MCM-41 catalysts	V. Patel, N. Bhavsar, M. K. Mishra	Department of Chemistry	Journal of Emerging Technologies and Innovative Research (JETIR)	2018	2349-5162	https://www.jetir.org/	1026.pdf	UGC Notified (Approved List of Journals)
Graft copolymerization of methyl acrylate onto sodium salt of partially carboxymethylated sodium alginate using redox system: Synthesis, characterization and mechanism	J. H. Trivedi, M. K. Prajapati	Department of Chemistry	International Journal of Research and Analytical Reviews	2018	2349-5138	https://www.ijrar.org/	1027.pdf	UGC Notified (Approved List of Journals)
Synthesis and characterization of sodium salt of partially carboxymethylated sodium alginate-modified poly(methyl methacrylate)	J. H. Trivedi, U. S. Shah, H. C. Trivedi	Department of Chemistry	Journal of Applied Science and Computations	2018	1076-5131	http://j-asc.com/	1028.pdf	UGC Notified (Approved List of Journals)
Optimization of reaction conditions for grafting of sodium salt of partially carboxymethylated sodium alginate with ethyl methacrylate	J. H. Trivedi, M. K. Prajapati	Department of Chemistry	International Journal of Advance & Innovative Research	2018	2394-7780	http://iaraedu.com/about-journal/current-issue.php	1029.pdf	UGC Notified (Approved List of Journals)
Ce(IV)-ion initiated graft copolymerization of methacrylates onto sodium salt of partially carboxymethylated sodium alginate: Characterization and comparison of relative reactivity	J. H. Trivedi, M. K. Prajapati	Department of Chemistry	International Journal of Advance & Innovative Research	2018	2394-7780	http://iaraedu.com/about-journal/current-issue.php	1030.pdf	UGC Notified (Approved List of Journals)
Sodium salt of partially carboxymethylated sodium alginate-graft-oly(butyl acrylate): Synthesis, characterization, kinetics and mechanism	J. H. Trivedi, M. K. Prajapati	Department of Chemistry	Journal of Applied Science and Computations	2018	1076-5131	http://j-asc.com/	1031.pdf	UGC Notified (Approved List of Journals)
Bipyrazole based palladium(II) complexes as DNA intercalator and artificial metallonuclease	K. P. Thakor, M. V. Lunagariya, B. S. Bhatt, M. N. Patel	Department of Chemistry	Monatshefte für Chemie - Chemical Monthly	2018	0026-9247	https://www.springer.com/journal/706	1032.pdf	UGC Notified (Approved List of Journals)

Multilingual Multimedia based crop disease assistant	S. Bhavasar, D. B. Shah	Department of Computer Science	International Journal of Management, IT and Engineering (IJMIE)	2018	2249-0558	https://www.ijmra.us/itjournal.php	1033.pdf	UGC Notified (Approved List of Journals)
Analysis on Human Behavior Traits Using Intelligence Palmistry	N. Desai, D.B. Shah	Department of Computer Science	International Journal of Computer Sciences and Engineering	2018	2347-2693	https://www.ijcseonline.org/	1034.pdf	UGC Notified (Approved List of Journals)
Performance Evaluation of Digital Audio Watermarking	K. N. Patel, S. A. Shah, D. B. Shah	Department of Computer Science	International Journal of Research in Electronics and Computer Engineering (IJRECE)	2018	2393-9028	http://www.i2or-ijrece.com/	1035.pdf	UGC Notified (Approved List of Journals)
A Comparative Study of Web Service Testing Tools	A. B. Patel, D. B. Choksi	Department of Computer Science	Journal of Emerging Technologies and Innovative Research (JETIR)	2018	2349-5162	https://www.jetir.org/	1036.pdf	UGC Notified (Approved List of Journals)
Computational Time Complexity of Image Interpolation Algorithms	P. V. Virparia, P. Parsania	Department of Computer Science	International Journal of Computer Sciences and Engineering	2018	2347-2693	https://www.ijcseonline.org/	1037.pdf	UGC Notified (Approved List of Journals)
Classifying Sequences of Market Profile using Deep Learning	P. R. Dave, P. S. Sajja	Department of Computer Science	International Journal of Computer Sciences and Engineering	2018	2347-2693	https://www.ijcseonline.org/	1038.pdf	UGC Notified (Approved List of Journals)

Role of Technology in Women Safety: Review of Models, Techniques and Applications	P. S. Sajja, A. Singhala	Department of Computer Science	Journal of Emerging Technologies and Innovative Research (JETIR)	2018	2349-5162	https://www.jetir.org/	1039.pdf	UGC Notified (Approved List of Journals)
A Study on Challenges and Obstacles of Women in Adaption of Ecommerce Tech: State of the Art	P. S. Sajja, K. Shah, S. V. Bajaj	Department of Computer Science	E - Commerce for Future & Trends (ECFT), STM Journals	2018	2454-9347	http://computers.stmjournals.com/index.php?journal=ECFT	1040.pdf	UGC Notified (Approved List of Journals)
Architecture for hybrid genetic fuzzy system for text summarization	S. Saiyed, P.S. Sajja	Department of Computer Science	International Journal of Computer Sciences and Engineering	2018	2347-2693	https://www.ijcseonline.org/	1041.pdf	UGC Notified (Approved List of Journals)
Search engine optimization using local language	H. Desai, B. V. Patel	Department of Computer Science	International Journal of Computer Sciences and Engineering	2018	2347-2693	https://www.ijcseonline.org/	1042.pdf	UGC Notified (Approved List of Journals)
Comparative Study of Different Classification Algorithms for Stream Data Mining Using MOA	A. Joshi, B. V. Patel	Department of Computer Science	International Journal of Computer Sciences and Engineering	2018	2347-2693	https://www.ijcseonline.org/	1043.pdf	UGC Notified (Approved List of Journals)
Recognize Number of fingers from Single hand gesture Image using Image processing and Neural Network	H. Bhavsar, J. A. Trivedi	Department of Computer Science	International Journal of Computer Sciences and Engineering	2018	2347-2693	https://www.ijcseonline.org/	1044.pdf	UGC Notified (Approved List of Journals)
Image Processing Approach For Recognize Numeric Sign from Single Hand Gesture Image Using Neural Network	H. Bhavsar, J. A. Trivedi	Department of Computer Science	International Journal of Research in Electronics and Computer Engineering (IJRECE)	2018	2393-9028	http://www.i2or-ijrece.com/	1045.pdf	UGC Notified (Approved List of Journals)

Development of Snag Discovery Robot utilizing Arduino and Ultrasonic Sensor	P. Bhatt, J. A. Trivedi	Department of Computer Science	International Journal of Computer Sciences and Engineering	2018	2347-2693	https://www.ijcseonline.org/	1046.pdf	UGC Notified (Approved List of Journals)
DC and AC Electrical properties of flash evaporated ZnGa ₂ Se ₄ thin films	B. H. Patel, V. D. Dhamecha	Department of Electronics	International Journal of Research in Electronics and Computer Engineering (IJRECE)	2018	2393-9028	http://www.i2or-ijrece.com/	1047.pdf	UGC Notified (Approved List of Journals)
Effect of Stitches and Seams on Quality of Readymade garments	P. Oza, N. Kola	Department of Home Science	Journal of Emerging Technologies and Innovative Research (JETIR)	2018	2349-5162	https://www.jetir.org/	1048.pdf	UGC Notified (Approved List of Journals)
Textile Waste Recycling – A Novel Approach	A. Shah, N. Kola	Department of Home Science	Journal of Emerging Technologies and Innovative Research (JETIR)	2018	2349-5162	https://www.jetir.org/	1049.pdf	UGC Notified (Approved List of Journals)
Degree & Distance in 2-Cartesian Product of Graphs	H. S. Mehta, U. P. Acharya	Department of Mathematics	Research & Review: Discrete Mathematical Structures	2018	2394-1979	http://computers.stmjournals.com/index.php?journal=RRDMS	1050.pdf	UGC Notified (Approved List of Journals)
Joint TZD and related results for Cartesian Product of Real Banach Algebras	H. S. Mehta, R. D. Mehta, A. N. Roghelia	Department of Mathematics	Journal of Emerging Technologies and Innovative Research (JETIR)	2018	2349-5162	https://www.jetir.org/	1051.pdf	UGC Notified (Approved List of Journals)

Some applications of measures on the Cartesian product	H. S. Mehta,R. D. Mehta,D. R. Patel	Department of Mathematics	Journal of Emerging Technologies and Innovative Research (JETIR)	2018	2349-5162	https://www.jetir.org/	1052.pdf	UGC Notified (Approved List of Journals)
Application of Cocrystallization Approach in Drug Development: Recent Patents Review	K. A. Shah, V. Parmar	Department of Pharmaceutical Science	Recent Patents on Nanotechnology	2018	1872-2105	https://benthamscience.com/journals/recent-patents-on-nanotechnology/	1053.pdf	UGC Notified (Approved List of Journals)
Development and Validation of Q-Absorbance Ratio spectrophotometric method for Simultaneous estimation of Mangiferin and Berberin HCl in bulk and synthetic mixture	S. J. Parmar, B. A. Patel, H. Padh	Department of Pharmaceutical Science	International Journal of Pharmaceutical Sciences and Research	2018	2320-5148	https://ijpsr.com/	1054.pdf	UGC Notified (Approved List of Journals)
Regression-type Estimators Based on Two Auxiliary Variables of a Finite Population Mean in Two-phase Sampling	P. A. Patel,Fagun Shah	Department of Statistics	International Journal of Scientific Research in Mathematical and Statistical Sciences	2018	2348-4519	https://www.isroset.org/journal/IJSRMSS/index.php	1055.pdf	UGC Notified (Approved List of Journals)
Two-phase Ratio-type Estimator of a Finite Population Mean	P. A. Patel,Fagun Shah	Department of Statistics	International Journal of Scientific Research in Mathematical and Statistical Sciences	2018	2348-4519	https://www.isroset.org/journal/IJSRMSS/index.php	1056.pdf	UGC Notified (Approved List of Journals)
Violence by Intimate Partners A study among Men from Gujarat	B. Thomas, N. Parmar, S. Adhikari, D. Raykundaliya	Department of Statistics	Journal of Emerging Technologies and Innovative Research (JETIR)	2018	2349-5162	https://www.jetir.org/	1057.pdf	UGC Notified (Approved List of Journals)

A study of ICT Skills and Competencies Essential for Corporate LIS Professionals	N. Oza, M. Mehta	Department of Library and Information Science	International Journal of Research and Analytical Reviews	2018	2349-5138	https://www.ijrar.org/	1058.pdf	UGC Notified (Approved List of Journals)
University library & its automation	J. C. Makwana	Department of Library and Information Science	Research Guru: Online Journal of Multidisciplinary Subjects	2018	2349-266X	http://www.researchguru.net/	1059.pdf	UGC Notified (Approved List of Journals)
Development of Indian library: Ancient period, medieval period, present period (Before and after independence)	J. C. Makwana	Department of Library and Information Science	Research Guru: Online Journal of Multidisciplinary Subjects	2018	2349-266X	http://www.researchguru.net/	1060.pdf	UGC Notified (Approved List of Journals)
RURAL ENTREPRENEURSHIP – PROBLEMS AND PROSPECTS OF PAPAD MAKING INDUSTRIES IN RURAL AREAS OF ANAND DISTRICT	C.K. Sonara	Department of Business Studies	RESEARCH REVIEW: INTERNATIONAL JOURNAL OF MULTIDISCIPLINARY	2018	2455-3085	https://rrjournals.com/	1061.pdf	UGC Notified (Approved List of Journals)
Measurement of Financial Performance of Selected Three Wheeler And Four Wheeler Automobile Companies in India	Y. M. Dalvadi	Department of Business Studies	International Journal of Advance & Innovative Research	2018	2394-7780	http://iaraedu.com/about-journal/current-issue.php	1062.pdf	UGC Notified (Approved List of Journals)
A Study On Financial Performance Of Selected Infrastructure Companies In India	Y. M. Dalvadi	Department of Business Studies	International Journal of Advance & Innovative Research	2018	2394-7780	http://iaraedu.com/about-journal/current-issue.php	1063.pdf	UGC Notified (Approved List of Journals)

A study of Awareness and Perception about Digital Payments among Women in Gujarat	Kamini Shah	Department of Business Studies	Journal of Emerging Technologies and Innovative Research (JETIR)	2018	2349-5162	https://www.jetir.org/	1064.pdf	UGC Notified (Approved List of Journals)
A Study on Consumer Perception towards Telemarketing: Special Reference to Female Consumers in Anand City	S. P. Machhar	Department of Business Studies	Journal of Emerging Technologies and Innovative Research (JETIR)	2018	2349-5162	https://www.jetir.org/	1065.pdf	UGC Notified (Approved List of Journals)
Perception of Party Workers towards Management of Political Parties – an Empirical Study specific to the Political Parties in Gujarat State	V. Kulkarni, S. Pranav	Department of Business Administration (Mba)	International Journal for Research in Engineering Application & Management (IJREAM)	2018	2454-9150	https://www.ijream.org/	1066.pdf	UGC Notified (Approved List of Journals)
Impact of work life imbalance on employees - A study of executives in Ahmedabad	V. Kulkarni	Department of Business Administration (Mba)	International Journal of Advance & Innovative Research	2018	2394-7780	http://iaraedu.com/about-journal/current-issue.php	1067.pdf	UGC Notified (Approved List of Journals)
A study of employee training a few select small and Medium enterprises at Estates of G.I.D.C in the districts of Vadodara and Anand	K.S.Prasad	Department of Business Administration (Mba)	Ajanta	2018	2277-5730	http://www.ajantaparakashan.com/index.html	1068.pdf	UGC Notified (Approved List of Journals)
Marketing of milk and milk products at GANGMUL dairy plant in Rajasthan	N. Kour, H. Sharma, Meera	Agro-Economic Research Centre	Journal of Pharmacognosy and Phytochemistry	2018	2349-8234	https://www.phytojournal.com/	1069.pdf	UGC Notified (Approved List of Journals)
Gujarat Ke Aadivasi Samaj Mei Shiksha Ki Pravatman Samasayaie	S C. Padavi	Department of Education	Research Guru: Online Journal of Multidisciplinary Subjects	2018	2349-266X	http://www.researchguru.net/	1070.pdf	UGC Notified (Approved List of Journals)

The Administration of Sher Shah Sur	Vasant Patel	Department of History	International Journal of Research in Social Sciences	2018	2249-2496	https://www.ijmra.us/	1071.pdf	UGC Notified (Approved List of Journals)
Sardar Patel Ane Samaj Vadio	Vasant Patel	Department of History	Research Guru: Online Journal of Multidisciplinary Subjects	2018	2349-266X	http://www.researchguru.net/	1072.pdf	UGC Notified (Approved List of Journals)
Sardar Patel Ane Subhas Chandra Boz na Matbhedo	Vasant Patel	Department of History	Research Guru: Online Journal of Multidisciplinary Subjects	2018	2349-266X	http://www.researchguru.net/	1073.pdf	UGC Notified (Approved List of Journals)
Indian Constitution and Sardar Patel	Vasant Patel	Department of History	Research Guru: Online Journal of Multidisciplinary Subjects	2018	2349-266X	http://www.researchguru.net/	1074.pdf	UGC Notified (Approved List of Journals)
Intimate Partner Violence As Reported By Men In India: Exploring Pathways With Childhood Gender Inequity And Violence Experiences of Perpetrators	Bigi Thomas	Department of Social Work	Man In India	2018	0025-1569	Website is not available	1075.pdf	UGC Notified (Approved List of Journals)
Understanding Citizens Engagement in Public Policy Development in Context of New Education Policy in India	Arpit Patadiya	Department of Political Science	Research Guru: Online Journal of Multidisciplinary Subjects	2018	2349-266X	http://www.researchguru.net/	1076.pdf	UGC Notified (Approved List of Journals)

The Representation of Partition Violence in <i>Tamas</i>	Piyush Raval	Department of English	Daath Voyage: International Journal of Interdisciplinary Studies in English (UGC Approved Journal No.45349)	2018	2455-7544	https://www.daathvoyagejournal.com/	1077.pdf	UGC Notified (Approved List of Journals)
Vishva Sahityani Kruti 'Macbeth'	Rajeshvari Patel	Department of Gujarati	Sahitya Setu	2018	2249-2372	https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList (Discontinued from 2022)	1078.pdf	UGC-CARE
A study of gender based violence and gender discrimination: Evidence from a study among women from Gujarat	S. D. Mishra, Mitisha Jethwa, Ush,a Buch	Department of Social Work	Journal of Emerging Technologies and Innovative Research (JETIR)	2018	2349-5162	https://www.jetir.org/	1079.pdf	UGC Notified (Approved List of Journals)
Issues of Indian rural women with disability in assessing health care services: Social work perspectives	Sunilkimar P. Giri, Tanvi Pithadia	Department of Social Work	Research & Reviews: A Journal of Health Professions	2018	2277-6192	http://stmjournals.com/Journal-of-Health-Professions.html	1080.pdf	UGC Notified (Approved List of Journals)
"yama"me bhav aur chintan jagat ki krambaddhata	Dayashankar Tripathi	Department of Hindi	Ajanta	2018	2277-5730	http://www.ajantaparakashan.com/index.html	1081.pdf	UGC Notified (Approved List of Journals)
Tanakha' mandal -1 Dhumketunu varta jagat	Ramesh Chaudhari	Department of Gujarati	Sahitya Setu	2018	2249-2372	http://www.sahityasetu.co.in/main/index.html	1082.pdf	UGC-CARE
Quality by Design Based Method Development for Simultaneous Estimation of Montelukast Sodium and Theophylline in Tablet Dosage Form	Kunti Abhishek Shah, Vijay Kumar Kunvarsinh Parmar		Current Pharmaceutical Analysis	2018	1573-4129	https://benthamscience.com/journals/current-pharmaceutical-analysis/	1083.pdf	UGC Notified (Approved List of Journals)

A Comprehensive Study of Ind AS and AS	Dr. Sandip Bhatt	Department of Business Studies	Research Zone: A Journal of Multi Disciplines	2018	2319-8168	http://www.researchzoneindia.in/	1084.pdf	UGC Notified (Approved List of Journals)
“An Algorithm for Mobile Computing Opinion Mining In Multilingual Forms By Voice and Text Processing”	Mr.Nayan S.Patel, Dr. D.B.Shah	Department of Computer Science	International Journal of Scientific Research in Science and Technology (IJSRST)	2018	2395-602X	https://ijsrst.com/	1085.pdf	UGC Notified (Approved List of Journals)
A Comparative analysis between Indian AS and AS with special reference to Bharti Airtel Limited	Dr. Ankur Amin	Department of Business Studies	Research Zone: A Journal of Multi Disciplines	2018	2319-8168	http://www.researchzoneindia.in/	1086.pdf	UGC Notified (Approved List of Journals)
A study of the effectiveness of concept attainment model on learning science at primary level	Dr. P. B.Acharya	Department of Education	EduInspire	2018	2349-7076	http://ctegujarat.org/eduinspire/aboutjournal.html	1087.pdf	UGC Notified (Approved List of Journals)
A Study on Relationship between Corporate Social Responsibility and its Impact of Profitability of Selected Pharmaceutical companies in India	Dr. Y M Dalvadi Shradha Raj	Department of Business Studies	Research Zone: A Journal of Multi Disciplines	2018	2319-8168	http://www.researchzoneindia.in/	1088.pdf	UGC Notified (Approved List of Journals)
A study on sustainable development of education in India	Dr. Darshana R. Dave and Komal Shukla	Department of Business Administration (Mba)	KAAP International Journal of Economics , Commerce and Business Management	2018	2348 - 4969	http://www.kaavpublications.org/journals/ECM	1089.pdf	UGC Notified (Approved List of Journals)
An Analytical Study of CSR Activities Of Selected Indian Power Companies	Dhartiben Rami Dr. Kamini shah (Corresponding Authour)	Department of Business Studies	Research Zone: A Journal of Multi Disciplines	2018	2319-8168	http://www.researchzoneindia.in/	1090.pdf	UGC Notified (Approved List of Journals)
An analytical study on Corporate Social Responsibility practices of Indian Companies	Dr. Y M Dalvadi, Mr. Ravi Darji	Department of Business Studies	Research Zone: A Journal of Multi Disciplines	2018	2319-8168	http://www.researchzoneindia.in/	1091.pdf	UGC Notified (Approved List of Journals)

Analysis of Corporate Governance through Balance Score Card Approach	Dr. Kamini shah Ms Priyanka Kansara	Department of Business Stuidies	Research Zone: A Journal of Multi Disciplines	2018	2319-8168	http://www.researchzoneindia.in/	1092.pdf	UGC Notified (Approved List of Journals)
Application of Centrality Principles for Terrorist Network Role Analysis	R D Gaharwar and D B Shah	Department of Computer Science	International Journal of Scientific Research in Science and Technology (IJSRST)	2018	2395-602X	https://ijsrst.com/	1093.pdf	UGC Notified (Approved List of Journals)
Bangarwadi: Azadi purvena Gram jivanno chitar apti bhartiya Navalkatha	R.V. Chaudhari	Department of Gujarati	KCG Journal of Multidisciplinary	2018	2279-0268	https://kcgjournal.org/kcg/journal-of-multi-disciplinary-2/	1094.pdf	UGC Notified (Approved List of Journals)
Changing Focus of Corporate Governance- Board Effectiveness in Indian Corporate	Dr. P. K. Rathod	Department of Business Stuidies	Research Zone: A Journal of Multi Disciplines	2018	2319-8168	http://www.researchzoneindia.in/	1095.pdf	UGC Notified (Approved List of Journals)
Characterization of Gelfand Space of the Banach Algebra $A \oplus B$ with Direct-sum Product,	H. V. Dedania and H. J. Kanani	Department of Mathematics	Mathematics Today	2018	0976-3228	Website is not available	1096.pdf	UGC Notified (Approved List of Journals)
Comparison of Companies Act 2013 and Companies Act 1956	Dr. Kamini shah	Department of Business Stuidies	Research Zone: A Journal of Multi Disciplines	2018	2319-8168	http://www.researchzoneindia.in/	1097.pdf	UGC Notified (Approved List of Journals)
Conceptual Framework of Regulatory Measures for Investor Protection in India	Ms Pratikshaben N. Parekh Dr. Kamini shah (Corresponding Authour)	Department of Business Stuidies	Research Zone: A Journal of Multi Disciplines	2018	2319-8168	http://www.researchzoneindia.in/	1098.pdf	UGC Notified (Approved List of Journals)
Corporate Governance: Reforms, Challenges and the Way Ahead	Dr. Y M Dalvadi , Tejas Gandhi	Department of Business Stuidies	Research Zone: A Journal of Multi Disciplines	2018	2319-8168	http://www.researchzoneindia.in/	1099.pdf	UGC Notified (Approved List of Journals)
Corporate Social Responsibility under the Companies Act, 2013	Ms. Darshana S.Rohit & Ms. Manisha Solanki	Department of Business Stuidies	Research Zone: A Journal of Multi Disciplines	2018	2319-8168	http://www.researchzoneindia.in/	1100.pdf	UGC Notified (Approved List of Journals)

Exploring the industrially important extracellular enzymes from different nematode-trapping fungi	Kunjadia Anju, Darji Nikita, Patel Babulal, Pandit Ramesh	Centre for Interdisciplinary Studies in Science and Technology (IICISST)	International Journal of Life Sciences	2018	2091-0525	https://www.nepjol.info/index.php/IJLS	1101.pdf	UGC Notified (Approved List of Journals)
Image Based Sign Language Recognition using Neuro - Fuzzy Approach	Hemina Bhavsar, Dr. Jeegar Trivedi	Department of Computer Science	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	2018	2456-3307	https://ijsrcseit.com/	1102.pdf	UGC Notified (Approved List of Journals)
Implementation of Cloud Computing (Software as a Service) for Product based Search Engine	Dr. Birajkumar V. Patel, Dr. Dipti B. Shah	Department of Computer Science	International Journal of Scientific Research in Science and Technology (IJSRST)	2018	2395-602X	https://ijsrst.com/	1103.pdf	UGC Notified (Approved List of Journals)
Jagdish daveni kavita vyakt thatu Diasporic Samvedan	R.V. Chaudhari	Department of Gujarati	KCG Journal of Multidisciplinary	2018	2279-0268	https://kcgjournal.org/kcg/journal-of-multi-disciplinary-2/	1104.pdf	UGC Notified (Approved List of Journals)
Library : A People's University	Dr. J. C. Makwana	Department of Library and Information Science	KCG Journal of Multidisciplinary	2018	2279-0268	https://kcgjournal.org/kcg/journal-of-multi-disciplinary-2/	1105.pdf	UGC Notified (Approved List of Journals)

Snag Location and Shirking Robot utilizing Arduino	Pankti Bhatt, Dr. Jeegar Trivedi	Department of Computer Science	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	2018	2456-3307	https://ijsrcseit.com/	1106.pdf	UGC Notified (Approved List of Journals)
An Analysis of Financial Distress of Selected Public Sector Enterprise of India using Springate Score Model	Y. M. Dalvadi	Department of Business Studies	Journal of Commerce and Trade	2018	0973-4503	http://www.jctindia.org/	1107.pdf	UGC Notified (Approved List of Journals)
Impact of Research and Development Expenditure on Profitability of Selected Chemical Companies in India	Y. M. Dalvadi	Department of Business Studies	Printing Area: Interdisciplinary Multilingual Referred Journal	2018	2319 9318	https://www.vidyawarta.com/03/?p=4269	1108.pdf	UGC Notified (Approved List of Journals)
Islamic Banking: A Study of Awareness in Gujarat State	Y. M. Dalvadi	Department of Business Studies	Printing Area: Interdisciplinary Multilingual Referred Journal	2018	2319 9318	https://www.vidyawarta.com/03/?p=4269	1109.pdf	UGC Notified (Approved List of Journals)
BSM European Put Option Pricing Formula for ML-Payoff Function with Mellin Transform	S. J. Ghevariya	Department of Mathematics	International Journal of Mathematics and its Applications	2018	2347-1557	http://ijmaa.in/	1110.pdf	UGC Notified (Approved List of Journals)
Library as a profession and professional ethics	J. C. Makwana	Department of Library and Information Science	KCG Journal of Multidisciplinary	2018	2279-0268	https://kcgjournal.org/kcg/journal-of-multi-disciplinary-2/	1111.pdf	UGC Notified (Approved List of Journals)
Role of library in formal and informal education	J. C. Makwana	Department of Library and Information Science	V-Vidyanagar Journal	2018	0976-9609	http://vvidyanagar.in/	1112.pdf	UGC Notified (Approved List of Journals)
Need Based Integrated Information of Village Morikha, Banaskantha District through PRA	J. Chauhan, Y. C. Joshi	Department of Business Administration (Mba)	International Journal of Creative Research Thoughts (IJCRT),	2018	2320-2882	https://ijcrt.org/	1113.pdf	UGC Notified (Approved List of Journals)

A study on the sustainable development of education in India—A conceptual Paper, ,	D. R. Dave, K. Shukla	Department of Business Administration (Mba)	KAAV International Journal of Economics , Commerce and Business Management	2018	2348 - 4969	http://www.kaavpublications.org/journals/ECM	1114.pdf	UGC Notified (Approved List of Journals)
Non-performing assets in Indian banking sectors: A study of issues related to principal contributing sectors	Paresh Dave, Yogesh Joshi	Department of Business Administration (Mba)	International Journal of Research Culture Society	2018	2456-6683	https://ijrcs.org/	1115.pdf	UGC Notified (Approved List of Journals)
A study on impact of profitability and R&D intensity on R&D expenditure in selected pharmaceutical companies	Y. M. Dalvadi, Sarfaraj I. Mansuri	Department of Business Studies	Al-Barkaat Journal of Finance & Management	2018	0974-7281	https://www.abims.ac.in/admin/files/guidelines-for-contributors-1470653991.pdf	1116.pdf	UGC Notified (Approved List of Journals)
A Study of Hydromagnetic Longitudinal Rough Circular Step Bearing	Adeshara, JV; Prajapati, MB; Patel, RM	HNG Univ, Dept Math, Patan	ADVANCES IN TRIBOLOGY	2018	1687-5915	https://www.hindawi.com/journals/at/	1118.pdf	UGC Approved List of Journals
	Deheri, GM	Department of Mathematics						
COMBINED EFFECT OF MAGNETISM AND ROUGHNESS ON A FERROFLUID SQUEEZE FILM IN POROUS TRUNCATED CONICAL PLATES: EFFECT OF VARIABLE BOUNDARY CONDITIONS	Patel, HP; ;	LJ Inst Engn & Technol, Dept Humanity & Sci, Ahmadabad	ITALIAN JOURNAL OF PURE AND APPLIED MATHEMATICS	2018	1126-8042	https://ijpam.uniud.it/journal/home.html	1120.pdf	UGC Approved List of Journals
	Deheri, GM	Department of Mathematics						
	Patel, RM	Gujarat Arts & Sci Coll, Dept Math,						

Gruneisen parameter and equations of states for copper - High pressure study	Joshi, RH; Bhatt, NK; Thakore, BY; Vyas, PR; Jani, AR	Department of Physics	COMPUTATIONAL CONDENSED MATTER	2018	2352-2143	https://www.journals.elsevier.com/computational-condensed-matter	https://www.scopus.com/record/display.uri?eid=2-s2.0-85034951756&origin=resultslist&sort=plf&src=s&st1=Gruneisen+parameter+and+equations+of+states+for+copper&sid=9f10dde6c0a4794ead848315b239667b&so=t=b&sdt=b&sl=69&s=TITLE-ABS-KEY%28Gruneisen+parameter+and+equations+of+states+for+copper%29&relpos=9&citeCnt=8&searchTerm=	UGC Approved List of Journals
	Bhatt, N. K.	MK Bhavnagar Univ, Dept Phys, Bhavnagar						
	Vyas, P. R.	Gujarat Univ, Sch Sci, Dept Phys, Ahmadabad						
	Jani, A. R.	Sardar Patel Ctr Sci & Technol SICART, Vallabh Vidyanagar						

Magnetic Nanoparticle Supported Phosphotungstic Acid: An Efficient Catalyst for the Synthesis of Xanthene Derivatives	Patel, N; Katheriya, D; Dadhania, A	Charotar Univ Sci & Technol CHARUSAT, PD Patel Inst Appl Sci, Changa	INTERNATIONAL CONFERENCE ON NANOMATERIALS FOR ENERGY CONVERSION AND STORAGE APPLICATIONS (NECSA 2018)	2018	0094-243X	https://aip.scitation.org/doi/10.1063/1.5035193	https://aip.scitation.org/doi/pdf/10.1063/1.5035213	UGC Approved List of Journals
	Dadhania, H;	Department of Chemistry						
Methacrylate copolymers and their composites with nano-CdS: synthesis, characterization, thermal behavior, and antimicrobial properties	Shekh, MI; Patel, DM; Patel, NN; Patel, KP; Patel, RM	Charotar Univ Sci Technol, PD Patel Inst Appl Sci, Dept Adv Organ Chem, Changa	INTERNATIONAL JOURNAL OF INDUSTRIAL CHEMISTRY	2018	2228-5970	https://link.springer.com/journal/40090/volumes-and-issues	1129.pdf	UGC Approved List of Journals
	Patel, US	Department of Chemistry						
NOVEL PENTA-SUBSTITUTED PYRIDINE NUCLEUS WITH PYRAZOLE ANALOGUES: MICROWAVE ASSISTED SYNTHESIS, DOCKING AND BIOLOGICAL SCREENING	Thummar, RP; Kamani, RD; Sapariya, NH; Vaghasiya, BK; Avalani, JR; Raval, DK	Department of Chemistry	INDO AMERICAN JOURNAL OF PHARMACEUTICAL SCIENCES	2018	2349-7750	https://www.iajps.com/	1131.pdf	UGC Approved List of Journals
	Avalani, Jemin R.	Shree AN Patel PG Inst Sci & Res, Anand						
Review of Contract Farming Regulations with special reference to State of Maharashtra and Gujarat	Miglani, V; Kalamkar, SS	AERC	INDIAN JOURNAL OF ECONOMICS AND DEVELOPMENT	2018	2277-5412	https://ijed.in/	1133.pdf	UGC Approved List of Journals

Enhanced production of ethanol from enzymatic hydrolysate of ... optimization and mass balance analysis of bioconversion process	Patel, A., Patel, H., Divecha, J., & Shah, A. R.	DEPARTMENT OF BIOSCIENCE	Biofuels	2019	1759-7269	https://www.tandfonline.com/toc/tbfu20/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065839771&doi=10.1080%2f17597269.2019.1608037&partnerID=40&md5=a227a1cc330205015dcbc7a312eeef9b	Scopus
<u>Synergistic biodegradation of phenanthrene and fluoranthene by mixed bacterial cultures</u>	AvaniBharatkumar Patel, Shilpi Singh, Kunal Jain, Datta Madamwar	DEPARTMENT OF BIOSCIENCE	Bioresource Technology	2019	0960-8524	https://www.journals.elsevier.com/bioresource-technology	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063375520&doi=10.1016%2fj.biortech.2019.03.097&partnerID=40&md5=c7a88386fa090f12821852cc9963feb6	Scopus
	Aaishwarya Patel , Seema Amin	P D Patel Institute of Applied Sciences, Charotar University of Science and Technology, Charusat Campus, Changa 388 421,						
<u>Phylogenetic and crystallographic analysis of Nostoc phycocyanin having blue-shifted spectral properties</u>	Stuti Nareshkumar Patel, Datta Madamwar	DEPARTMENT OF BIOSCIENCE	Scientific Reports	2019	2045-2322	https://www.nature.com/srep/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068775348&doi=10.1038%2f41598-019-46288-4&partnerID=40&md5=dd3250160723ec3f6a43fbe6efe9fa51	Scopus

	Ravi R Sonani, Gagan D Gupta, Vinay Kumar	Bhabha Atomic Research Centre, Trombay, Mumbai, 400 085, India						
	Rajesh Prasad Rastogi	Ministry of Environment, Forest & Climate Change, Indira Paryavaran Bhawan, New Delhi, 110003, India						
	Mukesh Ghanshyam Chaubey, Niraj Kumar Singh	Shri A. N. Patel P. G. Institute of Science and Research, Sardar Patel University, Anand, Gujarat, 388001, India						
<u>Therapeutic potential of cyanobacterial pigment protein phycoerythrin: in silico and in vitro study of BACE1 interaction and in vivo Aβ reduction</u>	Datta Madamwar	DEPARTMENT OF BIOSCIENCE	International Journal of Biological Macromolecules	2019	0141-8130	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065623261&doi=10.1016%2fj.ijbiomac.2019.05.006&partnerID=40&md5=2612f41f0176aed1460eac9813b197c8	Scopus	
	Mukesh Ghanshyam Chaubey, Stuti Nareshkumar Patel, Niraj Kumar Singh	<u>Shri A. N. Patel P. G. Institute of Science and Research, Sardar Patel University, Anand, Gujarat, 388001, India</u>						

	Rajesh Prasad Rastogi	Ministry of Environment, Forest & Climate Change, Indira Paryavaran Bhawan, New Delhi, 110003, India						
	Prabhakar Lal Srivastava	Symbiosis School of Biological Science, Symbiosis International (Deemed University), Lavale, Pune, Maharashtra 412115, India						
	Arun Kumar Singh	Zydus Research Centre, Sarkhej-Bavla N.H. No. 8A, Moraiya, Sanand, Ahmedabad, 382210, India						
<u>Crystal structure of phycocyanin from heterocyst-forming filamentous cyanobacterium Nostoc sp. WR13</u>	Hiral M Patel, Aleksander W Roszak, Datta Madamwar	DEPARTMENT OF BIOSCIENCE	International Journal of Biological Macromolecules	2019	0141-8131	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066041183&doi=10.1016%2fj.ijbiomac.2019.05.099&partnerID=40&md5=d3ab0f473426bca6dcae0bc59ecdc0ad	Scopus	

	Richard J Cogdell	Institute of Molecular Cell and Systems Biology, University of Glasgow, 120 University Place, Glasgow, G12 8TA, United Kingdom						
<u>Community Synergism: Degradation of Triazine Dye Reactive Black 1 by Mixed Bacterial Cultures KND_PR under Microaerophilic and Aerobic Conditions</u>	Datta Madamwar	DEPARTMENT OF BIOSCIENCE	Environmental Processes	2019	2198-7491	https://www.springer.com/journal/40710	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068825043&doi=10.1007%2fs40710-019-00378-7&partnerID=40&md5=341ae936e98b679d82cdeb117e90e009	Scopus
	Kshama Balapure, Payal Aghera, Nikhil Bhatt	Department of Microbiology and Biogas Research Extension Centre, Gujarat Vidyapith, Sadra, Gujarat 382 320, India						
<u>Microaerophilic biodegradation of raw textile effluent by synergistic activity of bacterial community DR4</u>	Kunal Jain, Datta Madamwar	DEPARTMENT OF BIOSCIENCE	Journal of Environmental Management	2019	0301-4797	https://www.journals.elsevier.com/journal-of-environmental-management	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072196924&doi=10.1016%2fj.jenvman.2019.109549&partnerID=40&md5=24c9082463f7dc69b47a9ca9045e15f2	Scopus

	Rohit Rathour , Chirayu Desai	P. D. Patel Institute of Applied Sciences, Charotar University of Science and Technology (CHARUSAT), CHARUSAT Campus, Changa, Gujarat 388 421, India						
Direct somatic embryogenesis and shoot regeneration from leaves and internodes of <i>Pluchea lanceolata</i> (DC) C.B.Clarke	MM Kher,M nataraj	DEPARTMENT OF BIOSCIENCE	Invitro cellular and developmental biology plant	2019	1054-5476	https://www.springer.com/journal/11627	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073931561&doi=10.1007%2fs11627-019-10016-4&partnerID=40&md5=9f9a0c8e33f000bf2f1c2a00ea35f44e	Scopus

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Electrophoretically deposited MoSe ₂ /WSe ₂ heterojunction from ultrasonically exfoliated nanocrystals for enhanced electrochemical photoresponse	A. B. Patel, H. K. Machhi, P. Chauhan, S. Narayan, V. Dixit, S. S. Soni, P. K. Jha, G. K. Solanki, K. D. Patel, V. M. Pathak	DEPARTMENT OF PHYSICS	ACS Applied Materials & Interfaces	2019	1944-8244	https://pubs.acs.org/journal/aamick	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060187206&doi=10.1021%2facami.8b18177&partnerID=40&md5=e57d618c1317b4492f02e0fe4f615c71	Scopus
	P. K. Jha	M. S. University of Baroda, Vadodara, Gujarat, 390002, India						

Hydroxyl alkyl ammonium ionic liquid assisted green and one-pot regioselective access to functionalized pyrazolodihydropyridine core and their pharmacological evaluation	D. M Patel, M. G. Sharma, R. M. Vala, I. Lagunes, A. Puerta, J. M. Padron, D. P. Rajani, H. M. Patel	DEPARTMENT OF CHEMISTRY	Bioorganic Chemistry	2019	0045-2068	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060495712&doi=10.1016%2fj.bioorg.2019.01.029&partnerID=40&md5=aad8ee2c29be703f63e8047d91d6b9ee	Scopus	
	I. Lagunes, A. Puerta, J. M. Padron	BioLab, Instituto Universitario de Bio-Organica Antonio González, CIBICAN, Universidad de La Laguna, Avda. Astrofisico Francisco Sánchez 2, La Laguna, 38206, Spain						
	D. P. Rajani	Microcare Laboratory and Tuberculosis Diagnosis & Research Center, Surat, India						
A practical green visit to the functionalized [1,2,4]triazolo[5,1-b]quinazolin-8(4h)-one scaffolds using the group-assisted purification (gap) chemistry and their pharmacological testing	D. M. Patel, R. M. Vala, M. G. Sharma, H. M. Patel	DEPARTMENT OF CHEMISTRY	ChemistrySelect	2019	2365-6549	https://chemistry-europe.onlinelibrary.wiley.com/journal/23656549	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060432021&doi=10.1002%2fslct.201803605&partnerID=40&md5=4ca8e5434e0bbc8faf1ec64f811d4f5c	Scopus

	D. P. Rajani	Microcare Laboratory and Tuberculosis Diagnosis & Research Center, Surat, India						
Synthesis, molecular docking and biological evaluation of Mannich products based on thiophene nucleus using ionic liquid	H. M. Patel, M. G. Sharma,	DEPARTMENT OF CHEMISTRY	Letters in Drug Design Discovery	2019	1570-1808	https://benthamscience.com/journals/letters-in-drug-design-and-discovery/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059290228&doi=10.2174%2f1570180815666180502123743&partnerID=40&md5=8a9d5834f7b918af1340b7eac9c90b42	Scopus
	D. P. Rajani	Microcare Laboratory and Tuberculosis Diagnosis & Research Center, Surat, India						
	H. G. Bhatt	Institute of Pharmacy, Nirma University, S. G. Highway, Chharodi, Ahmedabad, 382 481, India						

Interaction of salicylic acid analogues with Pluronic® micelles: Investigations on micellar growth and morphological transition	M. K. Mishra	DEPARTMENT OF CHEMISTRY	Journal of Molecular Liquids	2019	0167-7322	https://www.journals.elsevier.com/journal-of-molecular-liquids	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059449059&doi=10.1016%2fj.molliq.2018.12.142&partnerID=40&md5=3c21ee4255dd67b738b41fafdaa3ee34	Scopus
	V. Shah, B. Bharatiya, A. D. Shukla	Shah-Schulman Center for Surface Science and Nanotechnology, Dharmsinh Desai University, Nadiad, 387001, India						
	V. Patel	Jamanaben Narottambhai Motiram Patel Science College, Bharthana (Vesu), Surat, 395007, India						
	D. O. Shah	College of Earth and Environmental Sciences Columbia University, New York, 10027, United States						
Molecular insights into sodium dodecyl sulphate mediated control of size for silver nanoparticles	M. P. Mishra	DEPARTMENT OF CHEMISTRY	Journal of Molecular Liquids	2019	0167-7323	https://www.journals.elsevier.com/journal-of-molecular-liquids	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054619777&doi=10.1016%2fj.molliq.2018.10.042&partnerID=40&md5=f9a52783c1d3ce9a1924f7fa2bd54c93	Scopus

	V. Shah, B. Bharatiya	Shah-Schulman Center for Surface Science and Nanotechnology, Dharmsinh Desai University, Nadiad, 387001, India						
	D. Ray	Solid State Physics Division, Bhabha Atomic Research Centre (BARC), Mumbai, 400085, India						
	D. O. Shah	College of Earth and Environmental Sciences Columbia University, New York, 10027, United States						
Titania nanoparticles as modified photocatalysts: A review on design and development	T. Parangi, M. P. Mishra	DEPARTMENT OF CHEMISTRY	Comments on Inorganic Chemistry	2019	0260-3594	https://www.tandfonline.com/toc/gcic20/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063992982&doi=10.1080%2f02603594.2019.1592751&partnerID=40&md5=7d8dddfc0e919f66f5307661b8810f79	Scopus

Fluorescence and absorption studies of DNA-Pd(II) complex interaction: Synthesis, electroanalytical investigations and biological activities	K. P. Thakor, M. V. Lunagariya, B. H. Pursuwani, B. S. Bhatt, M. N. Patel	DEPARTMENT OF CHEMISTRY	Luminescence	2019	1522-7235	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059482038&doi=10.1002%2fbio.3587&partnerID=40&md5=a3a5fa186dfb45d7f65f2245b969fdf9	Scopus	
Half sandwich rhodium (III) and iridium (III) complexes as cytotoxic and metallonuclease agents	P. A. Vekariya, P. S. Karia, B. S. Bhatt, M. N. Patel	DEPARTMENT OF CHEMISTRY	Applied Biochemistry & Biotechnology	2019	0273-2289	https://www.springer.com/journal/12010	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049775505&doi=10.1007%2fs12010-018-2835-y&partnerID=40&md5=0a0adf3dcfa9f36944a5f2a958acd761	Scopus
<u>Draft genome analysis of lignocellulolytic enzymes producing <i>Aspergillus terreus</i> with structural insight of β-glucosidases through molecular docking approach.</u>	A. Kunjadiya	Sardar Patel University, Anand, 388120, India	International Journal of Biological Macromolecules	2019	0141-8130	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057981340&doi=10.1016%2fj.ijbiomac.2018.12.020&partnerID=40&md5=de59217f411e18a69ce3593b760db69a	Scopus	
	T. Dadheech, S. Jakhesara, R. Pandit, A. Hinsu, D. Rank, C. Joshi	College of Veterinary Science and Animal Husbandry, Anand Agricultural University, Anand, 388110, India						

	P. Singh Chauhan	College of Basic Sciences and Humanities, G B Pant University of Agricultural and Technology, Pantnagar, 263145, India						
Synthesis of diphosphorus-based polyurethane esters and their application in flame-retardant nanoclay coatings	R. H. Patel, P. H. Kachhia, K. S. Patel, M. D. Shah	DEPARTMENT OF MATERIAL SCIENCE	Polymer Bulletin	2019	0170-0839	https://www.springer.com/journal/289	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049794272&doi=10.1007%2fs00289-018-2440-9&partnerID=40&md5=ae644f0aa3bf9155a164af06f217c159	Scopus
Studies on the effect of the size of waterborne polyurethane nanoparticles on properties and performance of coatings	R. H. Patel, P. M. Ka Patel	DEPARTMENT OF MATERIAL SCIENCE	International Journal of Polymer Analysis and Characterization	2019	1023-666X	https://www.tandfonline.com/toc/gpac20/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053710190&doi=10.1080%2f1023666X.2018.1509528&partnerID=40&md5=d594e31c7e8e9533cdbb067b76ff8627	Scopus

Spline collocation approach to study Brachistochrone problem	J. C. Prajapati	DEPARTMENT OF MATHEMATICS	Proyecciones Journal of Mathematics	2019	0716-0917	https://www.revistaproyecciones.cl/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071533207&doi=10.4067%2Fs0716-09172019000200353&partnerID=40&md5=4bb391c9516065d2ded82fc9212d26a8	Scopus
	P.M. Shah	Veer Narmad South Gujarat University, Surat, 365005, India						
<u>Effect of indium and antimony doping on the transport properties of direct vapour transport (DVT) grown SnSe single crystals</u>	S. Patel, S. H. Chaki, P. C. Vinodkumar	DEPARTMENT OF PHYSICS	Journal of Applied Physics	2019	0021-8979	https://aip.scitation.org/journal/jap	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057763715&doi=10.1063%2F1.5048832&partnerID=40&md5=4b778eefa30bdbfdc7f25a92f276d522	Scopus
Giant humidity responsiveness of WSe2 nanosheets for novel electronic listening and touchless positioning interface	Pratik Pataniya, G.K.Solanki, Chetan K. Zankat, Mohit Tannarana, K. D. Patel & V. M. Pathak	DEPARTMENT OF PHYSICS	Journal of Materials Science: Materials in Electronics	2019	0957-4522	https://www.springer.com/journal/10854	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059540260&doi=10.1007%2Fs10854-018-00593-2&partnerID=40&md5=150d28ca7f24c1ce088b256c94f2ea7f	Scopus

Structural and electrical properties of $Sb_xW_{1-x}Se_2$ ($x=0,0.5$) ternary alloys	Abhishek Patel, Pratik Pataniya,G. K. Solanki , K. D. Patel and V. M.Patha Pathak	DEPARTMENT OF PHYSICS	Materials Research Express	2019	2053-1591	https://www.journals.elsevier.com/materials-today-energy	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062803183&doi=10.1088%2f2053-1591%2fab0568&partnerID=40&md5=c1035818260d3a9862304f2d6067272e	Scopus
	Sharad Babu Pillai, P. K. Jha	M.S. University of Baroda, Vadodara, 39000, India						
Transient photoresponse of infrared photodetector based on $Sb_{0.1}Sn_{0.9}Se_2$ ternary alloy	M. Tannarana, P. Pataniya, C. Zankat, G. K. Solanki, K. D. Patel, V. M. Pathak	DEPARTMENT OF PHYSICS	Materials Research Express	2019	2053-1591	https://www.journals.elsevier.com/materials-today-energy	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064432964&doi=10.1088%2f2053-1591%2fab0b89&partnerID=40&md5=28c6b0b87e556525addce4bf2ff1fc9	Scopus
Effect of off-stoichiometry on properties of tin selenide crystals	M. Tannarana,G. K. Solanki,K. D. Patel,V. M. Pathak, Pratik Pataniya	DEPARTMENT OF PHYSICS	Bulletin of Materials Science	2019	0250-4707	https://www.springer.com/journal/12034	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071980003&doi=10.1007%2fs12034-019-1777-5&partnerID=40&md5=aa99612ea495e5253c64560c4f5cb15a	Scopus

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Synthesis, characterization of CuO nanostrips and ultrasonic study of CuO-transformer oil nanofluids	R. R. Meena, S. H Chaki, A. J. Khimani, M. P. Deshpande	DEPARTMENT OF PHYSICS	<u>Materials Research Express</u>	2019	2053-1591	https://www.journals.elsevier.com/materials-today-energy	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061999000&doi=10.1088%2f2053-1591%2faafc4c&partnerID=40&md5=1ed164825d6584060e5d99a3e151785c	Scopus
<u>Alloy engineering to promote photodetection in In_xSn_{1-x}S₂ and Sb_xSn_{1-x}S₂ ternary alloys</u>	A. J. Khimani, S. H. Chaki, M. P. Deshpande, S. M. Chauhan	DEPARTMENT OF PHYSICS	Materials Letters	2019	0167-577X	https://www.journals.elsevier.com/materials-letters	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055094132&doi=10.1016%2fj.matlet.2018.10.102&partnerID=40&md5=06c04d1114a76e33f392ee655c0cef7c	Scopus
	J. P. Tailor	Applied Physics Department, S.V.N.I.T., Surat, 395007, India						

<p><u>Study of indium and antimony incorporation into SnS₂ single crystals</u></p>	<p>A. J. Khimani, S. H. Chaki, M. P. Deshpande</p>	<p>DEPARTMENT OF PHYSICS</p>	<p>Journal of Crystal Growth</p>	<p>2019</p>	<p>0022-0248</p>	<p>https://www.sciencedirect.com/journal/journal-of-crystal-growth</p>	<p>https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057125736&doi=10.1016%2fj.jcrysgr.2018.11.016&partnerID=40&md5=81ad8a0afb72c7d2a4e66e29711d1bcf</p>	<p>Scopus</p>
	<p>J. P. Tailor</p>	<p>Applied Physics Department, S.V.N.I.T., Surat, 395007, India</p>						
<p>High performance humidity sensor based on V_{0.5}Sn_{0.5}Se₂ ternary alloy</p>	<p>C. K. Zankat, P. Pataniya, M. Tannarana, G. K. Solanki, K. D. Patel, V. M. Pathak</p>	<p>DEPARTMENT OF PHYSICS</p>	<p>Journal of Materials Science: Materials in Electronics</p>	<p>2019</p>	<p>0957-4522</p>	<p>https://www.springer.com/journal/10854</p>	<p>https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061440794&doi=10.1007%2fs10854-019-00907-y&partnerID=40&md5=3d3d6443707476563b0a38c43d41e7ce</p>	<p>Scopus</p>
<p>Synthesis, characterization, antimicrobial and antioxidant study of the facile sonochemically synthesized SnS₂ nanoparticles.</p>	<p>A. J. Khimani, S. H. Chaki, S. M. Chauhan, R. R. Meena, M. P. Deshpande</p>	<p>DEPARTMENT OF PHYSICS</p>	<p>Nano-Structure & Nano-Objects</p>	<p>2019</p>	<p>2352-507X</p>	<p>https://www.journals.elsevier.com/nano-structures-and-nano-objects</p>	<p>https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063108213&doi=10.1016%2fj.nanos.2019.100286&partnerID=40&md5=9116ef59807b38e882addf26406dd062</p>	<p>Scopus</p>

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Digital Library of Gujarat in Vernacular Language? A Model for Gov. of Guj.	Lavji Zala	DEPARTMENT OF LIBRARY & INFORMATION SCIENCE	World Digital Libraries - An international journal	2019	0974-567X	https://ugccare.unipu.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101001179&flag=Search	1199.pdf	UGC -CARE
Manna Archetype	Pinakini Pandya	DEPARTMENT OF GUJARATI	Lok Gurjari	2019	2320-8873	https://ugccare.unipu.ac.in/apps1/Content/Files/pdf/Lok%20Gurjari.pdf	1200.pdf	UGC -CARE
The solvatochromism and aggregation-induce enhanced emission of triphenylamine substituted styrene derivatives and its application in dye sensitized solar cells	JV Vaghasiya, SS Soni	DEPARTMENT OF CHEMISTRY	Journal of Photochemistry and Photobiology A: Chemistry	2019	1010-6030	https://www.journals.elsevier.com/journal-of-photochemistry-and-photobiology-a-chemistry	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062393200&doi=10.1016%2fj.jphotochem.2019.02.015&partnerID=40&md5=ecbc69a90815206c2962aae99387c41f	Scopus
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Efficient power generating devices utilizing low intensity indoor lights via non-radiative energy transfer mechanism from organic ionic redox couples	Jayraj V Vaghasiya, Keval K Sonigara, Saurabh S Soni, Swee Ching Tan	DEPARTMENT OF CHEMISTRY	Nano Energy	2019	2211-2855	https://www.journals.elsevier.com/nano-energy	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063513941&doi=10.1016%2fj.nanoen.2019.03.086&partnerID=40&md5=5d44bb093935c7b	Scopus

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Biphenyl-Amine-Based D- π -A'- π -A Sensitizers for DSSCs: Comparative Photo-Conversion Efficiency in Iodide/triiodide and Cobalt-Based Redox Electrolyte and DFT Study	MM Raikwar, KK Sonigara, DS Patil, H Machhi, SS Soni, N Sekar	DEPARTMENT OF CHEMISTRY	ChemistrySelect	2019	2365-6549	https://chemistry-europe.onlinelibrary.wiley.com/journal/23656549	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068061465&doi=10.1002%2fslct.201901247&partnerID=40&md5=fdcfb17b29d7410099528e2cc05ee728	Scopus
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Fluorescence and Absorption Titrations of Bio-relevant Imidazole Based Organometallic Pd(II) Complexes with DNA: Synthesis, Characterization, DNA Interaction, Antimicrobial, Cytotoxic and Molecular Docking Studies	Khyati P. Thakor, Miral V. Lunagariya, Bhupesh S. Bhatt, Mohan N. Patel	DEPARTMENT OF CHEMISTRY	Journal of Inorganic and Organometallic Polymers and Materials	2019	1574-1443	https://www.springer.com/journal/10904	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065546240&doi=10.1007%2fs10904-019-01184-2&partnerID=40&md5=e7f75d637fcddd2f6b7fc34977d1b7d	Scopus

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Impact of brand association on brand equity with specific focus on advergaming in India	Mitesh Jayswal	DEPARTMENT OF M.B.A	Journal of Creative Communications	2019	0973-2586	https://journals.sagepub.com/home/crc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073960904&doi=10.1177%2f0973258619866366&partnerID=40&md5=3ae6433f2830222c31f642048508b9b2	Scopus
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Impact of mandatory corporate social responsibility provisions on CSR expenditure of central public sector enterprise of India	Dhartiben P. Rami, Kamini Shah, Sandip Bhatt	DEPARTMENT OF BUSINESS STUDIES	The Indian Journal of Commerce	2019	0019-512X	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101001239&flag=Search	1218.pdf	UGC -CARE

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	Kunjadia P.	A Unit of Sat Kaival Hospital Pvt. Ltd., Anand						
	Koringa P.	College of Veterinary Science and Animal Husbandry Gujarat, Anand						
	Joshi C.	Anand Agricultural University, Anand						
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Investigation of ultrasonic parameters and measurement of thermal conductivity of CuO-transformer oil nanofluids	Chaki S.H., Khimani A.J., Deshpande M.P.	DEPARTMENT OF PHYSICS	Materials Research Express	2019	2053-1591	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068513272&doi=10.1088%2f2053-1591%2fab2754&partnerID=40&md5=9f60c82811242563d964a5ab3eb3983f	Scopus
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Optoelectronic devices based on chemical vapour transport grown NbSe 2 crystals	Patel K., Solanki G.K., Patel K.D., , Tannarana M., Chauhan P.	DEPARTMENT OF PHYSICS	AIP Conference Proceedings	2019	0094-243X	https://aip.scitation.org/journal/apc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065339450&doi=10.1063%2f1.5098684&partnerID=40&md5=55a313569c9c35e2a25b0312c0b6cb24	Scopus
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Humidity sensor based on Sb 0.1 Sn 0.9 Se 2 ternary alloy for human breath monitoring and touchless positioning interface	Tannarana M., Pataniya P., Solanki G.K., Zankat C.K., Patel K.D., Pathak V.M.	DEPARTMENT OF PHYSICS	European Physical Journal Plus	2019	2190-5444	https://www.springer.com/journal/13360	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065814076&doi=10.1140%2fepjp%2fi2019-12729-4&partnerID=40&md5=a30f2642b7e26591f36b13b798f0273e	Scopus
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The Semigroup Algebra $\hat{\alpha}_1(Z_2, \max)$ is a Bochner-Schoenberg-Eberlein (BSE) Algebra	Dabhi P.A., Upadhyay R.S.	DEPARTMENT OF MATHEMATICS	Mediterranean Journal of Mathematics	2019	1660-5446	https://www.springer.com/journal/9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059523136&doi=10.1007%2fs00009-018-1292-8&partnerID=40&md5=8850237b80c1c1b1e854a27c2087a603	Scopus
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Structural analysis and charge transfer properties of a novel pyrazoline derivative: potential energy scan, XRD, DFT and molecular docking studies	Barot V.M., Varma N.V.S.	Smt. S. M. Panchal Science College, Talod, India	Indian Journal of Physics	2019	0973-1458	https://www.springer.com/journal/12648	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073208102&doi=10.1007%2fs12648-019-01392-z&partnerID=40&md5=5df34d4b5c2e2739332c43ae6afb6fb2	Scopus
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Synthesis, characterization and biological activities of imidazo[1,2-a]pyridine based gold(III) metal complexes	Kanthecha D.A., Bhatt B.S., Patel M.N.	DEPARTMENT OF CHEMISTRY	Heliyon	2019	2405-8440	https://www.journals.elsevier.com/heliyon	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067482455&doi=10.1016%2fj.heliyon.2019.e01968&partnerID=40&md5=0f64747e10e7fd41a0a3676ef3b32137	Scopus

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	Vyas K.M.	Indian Institute of Technology Indore, Khandwa Road, Simrol, Indore; Sardar Patel University, Vallabh Vidyanagar, 388120, India						
The catalytic activity of transition metal oxide nanoparticles on thermal decomposition of ammonium perchlorate	Vara J.A.	K S K V Kachchh University, Mundra Road, Bhuj	Defence Technology	2019	2214-9147	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064079266&doi=10.1016%2fj.dt.2019.04.002&partnerID=40&md5=e877c314746272ac07d0e6587d06cf8a	Scopus	
	Dave P.N.	K S K V Kachchh University, Mundra Road, Bhuj; Sardar Patel University, Vallabh Vidyanagar, 388 120, India						
	Chaturvedi S.	Samarpan Science and Commerce College Gandhinagar, India						

Metal oxide nanoparticles as catalyst for thermal behavior of AN based composite solid propellant	Dave P.N.	K S K V Kachchh University, Mundra Road, Bhuj; Sardar Patel University, Vallabh Vidyangar, 388 120, India	Chemical Physics Letters	2019	0009-2614	https://www.journals.elsevier.com/chemical-physics-letters	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068226452&doi=10.1016%2fj.cplett.2019.06.048&partnerID=40&md5=f80ba9b1accdc16b7b889f917111d9d	Scopus
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Solvent effect on neutral Co (II) complexes of paeonol derivative – qualitative and quantitative studies from energy frame work and Hirshfeld surface analysis	Patel M.K., Patel U.H	DEPARTMENT OF PHYSICS	Journal of Molecular Structure	2019	0022-2860	https://www.journals.elsevier.com/journal-of-molecular-structure	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067898921&doi=10.1016%2fj.molstruc.2019.06.050&partnerID=40&md5=7660dcd2d04b62c28949ac0f1591ba91	Scopus
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	Som Narayan;Prafulla K.Jha	The Maharaja Sayajirao University of Baroda,					
	Narayan, S.; Jha, P.K	Department of Physics, Faculty of Science, M.S. University of Baroda					
One-Dimensional/Two-Dimensional/Three-Dimensional Dual Heterostructure Based on MoS ₂ -Modified ZnO-Heterojunction Diode with Silicon	Patel M.	Department of Physical Sciences, P D Patel Institute of Applied Sciences, Charotar University of Science and Technology, CHARUSAT, Changa	Journal of Physical Chemistry C	2019	1932-7447	https://pubs.acs.org/journal/jpcck	Scopus
	Pataniya P.	Department of Physics					
	Vala H.;Sumesh C.K.	P D Patel Institute of Applied Sciences, Anand, Anand, India					

Trimethylglycine-Betaine-Based-Catalyst-Promoted Novel and Ecocompatible Pseudo-Four-Component Reaction for Regioselective Synthesis of Functionalized 6, 8-Dihydro-1'H,5H-spiro[[1,3]dioxolo[4,5-g]quinoline-7,5'-pyrimidine]-2,4,6(3'H)-trione Derivatives.	D. M. Patel, H.M. Patel	DEPARTMENT OF CHEMISTRY	ACS Sustainable Chemistry & Engineering,	2019	21680485	https://publish.acs.org/publish/author_guidelines?coden=ascecg	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074845929&doi=10.1021%2facssuschemeng.9b05184&partnerID=40&md5=951edecda9d84fe57b16fef40d8dfaf5	Scopus
Impact of an aryl bulky group on a one-pot reaction of aldehyde with malononitrile and N-substituted 2-cyanoacetamide.	Ruturajsinh M. Vala, Divyang M. Patel, Mayank G. Sharma and Hitendra M. Patel,	DEPARTMENT OF CHEMISTRY	RSC Advances	2019	2046-2069	https://www.rsc.org/journals-books-databases/about-journals/rsc-advances/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072316518&doi=10.1039%2fc9ra05975j&partnerID=40&md5=f3bbc569e6002688b46363a1400f18e3	Scopus
DNA interaction, cytotoxicity and molecular structure of cobalt complex of 4-amino-N-(6-chloropyridazin-3-yl)benzene sulfonamide in the presence of secondary ligand pyridine	Pandya S.B., Patel U.H., Chaudhary K.P., Socha B.N., Patel N.J., Bhatt B.S.	DEPARTMENT OF PHYSICS	Applied Organometallic Chemistry	2019	0268-2605	https://onlinelibrary.wiley.com/journal/10990739	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073782457&doi=10.1002%2faoc.5235&partnerID=40&md5=54fdc186db4039ba01c8849dac8d4f53	Scopus
	Sharma, J.;Pathak, C.	Indian Institute of Advanced Research, Koba Institutional Area, Gandhinagar, 382007, India						

Processing and characterization of robust carbon-carbon composite from inexpensive petroleum pitch without reimpregnation process	Rasmika H Patel & Shishobhan Sharma	DEPARTMENT OF MATERIAL SCIENCE	Composite Part B: Engineering	2019	1359-8368	https://www.journals.elsevier.com/composites-part-b-engineering	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067005242&doi=10.1016%2fj.compositesb.2019.106943&partnerID=40&md5=5777c7610ef699ecd3d29f0b455a860d	Scopus
Heteroleptic N,N-donor pyrazole based 2019Pt(II) and Pd(II) complexes: DNA binding, molecular docking and cytotoxicity studies	Patel, N. J.	DEPARTMENT OF MATERIAL SCIENCE	Inorganica Chimica Acta	2019	0020-1693	https://www.sciencedirect.com/journal/inorganica-chimica-acta	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072181199&doi=10.1016%2fj.ica.2019.119130&partnerID=40&md5=12d14bbc563d6a8a41ac0644ea8ddb46	Scopus
	Bhatt, B. S.; Patel, M. N.	DEPARTMENT OF CHEMISTRY						
Aggregation Induced Emission (AIE) Properties of Heteroleptic Ir ^{III} Complexes with Non-chromophoric Ligand Effect: Synthesis, Characterization and Photophysical Investigations	M. J. Prajapati K. R. Surati	DEPARTMENT OF CHEMISTRY	ChemistrySelect	2019	23656549	https://chemistry-europe.onlinelibrary.wiley.com/journal/23656549	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069969122&doi=10.1002%2fslct.201901618&partnerID=40&md5=f50f92bbc51c0246329055cc08694ba4	Scopus

Cultivation of <i>Ascochloris</i> sp. ADW007-enriched microalga in raw dairy wastewater for enhanced biomass and lipid productivity	Kumar A.K., Sharma S., Shah E., Parikh B.S., Patel A., Dixit G.,	Bioconversion Technology Division, Sardar Patel Renewable Energy Research Institute	International Journal of Environmental Science and Technology	2019	1735-1472	https://www.springer.com/journal/13762	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047178308&doi=10.1007%2fs13762-018-1712-0&partnerID=40&md5=df1f0f7f54f512bb3a5e9ab61af4f4f2	Scopus
	Gupta S.,	Department of Ophthalmology, School of Medicine and College of Veterinary Medicine, University of Missouri-Columbia						
	Divecha J.M.	DEPARTMENT OF STATISTICS						
Promoting photoresponse of resistive detector based on V _{0.15} Sn _{0.85} Se ₂ ternary alloy	Zankat C.K., Pataniya P., Tannarana M., Solanki G.K., Patel K.D., Pathak V.M.	DEPARTMENT OF PHYSICS	Materials Science in Semiconductor Processing	2019	1369-8001	https://www.journals.elsevier.com/materials-science-in-semiconductor-processing	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059319128&doi=10.1016%2fj.mssp.2018.12.014&partnerID=40&md5=5bcb077745e101c1134ace3a912a9bac	Scopus

Spectroscopic & electrochemical study for evaluating DNA interaction activity of 4-(3-halophenyl)-6-(pyridin-2-yl)pyrimidin-2-amine based piano stool Cp* Rh (III) and Ir (III) complexes.	Vekariya, P. A.; Karia, P. S.; Bhatt, B. S.; Patel, M. N.	DEPARTMENT OF CHEMISTRY	Applied Organometallic Chemistry	2019	0268-2605	https://onlinelibrary.wiley.com/journal/10990739	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070064494&doi=10.1002%2faoc.5152&partnerID=40&md5=a552f806cf9772bc2015ac26107a876	Scopus
One-Pot Assembly for Synthesis of 1,4-Dihydropyridine Scaffold and Their Biological Applications	Mayank G. Sharma; Divyang M.Pate;, Raturajsinh M.Vala; Hitendra M. Patel	DEPARTMENT OF CHEMISTRY	Polycyclic Aromatic Compounds	2019	1040-6638	https://www.tandfonline.com/toc/gpol20/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074841973&doi=10.1080%2f10406638.2019.1686401&partnerID=40&md5=4424ce82ad7b4f1f90ccf11782b9361c	Scopus
	Juhee Pandya,	Department of Bioscience						
	V. Ramkumar; Gardas, R.L.	Department of Chemistry, Indian Institute of Technology Madras, Chennai, Tamil Nadu						
	Subramanian, R.; Dhanasekaran, A.	Centre for Biotechnology, Anna University, Chennai, Tamil Nadu						

	Gupta, V.K.	Department of Physics and Electronics, University of Jammu, Jammu, Jammu and Kashmir						
Influence of deposition techniques on quality and photodetection properties of tin disulfide (SnS ₂) thin films	Ankurkumar J. Khimani, Sunil H. Chaki, Sanjaysinh M. Chauhan, M. P. Deshpande	DEPARTMENT OF CISST	Journal of Materials Science: Materials in Electronic	2019	0957-4522	https://www.springer.com/journal/10854	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067652632&doi=10.1007%2fs10854-019-01675-5&partnerID=40&md5=33e9abeca9433e91bae38589a3a32556	Scopus
Heteroleptic Zn(II) Complexes: Synthesis, Characterization and Photoluminescence Properties	Solanki J., Surati K.	DEPARTMENT OF CHEMISTRY	Journal of Fluorescence	2019	1053-0509	https://www.springer.com/journal/10895	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070732798&doi=10.1007%2fs10895-019-02397-x&partnerID=40&md5=ce53266e06f08a99b4954f645b84169b	Scopus
Graphene oxide supported dicationic ionic liquid: an efficient catalyst for the synthesis of 1-carbamatoalkyl-2-naphthols	Patel N., Katheriya D., Dadhania A.	P. D. Patel Institute of Applied Sciences, Charotar University of Science and Technology (CHARUSAT), Changa	Research on Chemical Intermediates	2019	0922-6168	https://www.springer.com/journal/11164	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068858527&doi=10.1007%2fs11164-019-03922-0&partnerID=40&md5=9e03b64ceeb1a0e99f51fd2e3fffc411	Scopus

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Nanomaterials as modifier for composite solid propellants	Jalpa A. Vara, V. R. Ram	Department of Chemistry, K S K V Kachchh University, Mundra road, Bhuj	Nano-Structures and Nano-Objects	2019	2352-507X	https://www.journals.elsevier.com/nano-structures-and-nano-objects	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070860562&doi=10.1016%2fj.nanos.2019.100372&partnerID=40&md5=beb713e6fef33ee5a63ecd0dd8ea28df	Scopus
	P. N. Dave	DEPARTMENT OF CHEMISTRY						
Harnessing the N-dopant ratio in carbon quantum dots for enhancing the power conversion efficiency of solar cells	B.Mistry; R.S.Vithalani; D.S. Patel; C.K.Modi	Applied Chemistry Department, Faculty of Technology and Engineering, Maharaja Sayajirao University of Baroda	Sustainable Energy Fuels	2019	2398-4902	https://www.rsc.org/journals-books-databases/about-journals/sustainable-energy-fuels/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074160469&doi=10.1039%2fc9se00338j&partnerID=40&md5=f90a21716e2bb8a420d52508b3ba6336	Scopus
	H.K. Machhi,,, M.Prajapati, K. R. Surati, S. S. Soni,	DEPARTMENT OF CHEMISTRY						
	P.K. Jha	Department of Physics, Faculty of Science, Maharaja Sayajirao University of Baroda						
	S. R. Kane	Indus Synchrotrons Utilisation Section, Raja Ramanna Centre for Advanced Technology						

Investigation of optical, electrical and optoelectronic properties of SnSe crystals	Kunjal Patel, GUNVANT Solanki, Kireetkumar Patel, Vivek Pathak, and Payal Chauhan	DEPARTMENT OF PHYSICS	European Physical Journal B	2019	14346028	https://www.springer.com/journal/10051	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071968896&doi=10.1140%2fepjb%2fe2019-100306-8&partnerID=40&md5=398a335e490a9bf74ed1190d76115591	Scopus
Fabrication, photoresponse and temperature dependence of n-VO ₂ /n-MoSe ₂ heterojunction diode	Patel A., Pataniya P., Solanki G.K., Patel K.D., Pathak V.M.	DEPARTMENT OF PHYSICS	Superlattices and Microstructures	2019	0749-6036	https://www.journals.elsevier.com/superlattices-and-microstructures	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065091604&doi=10.1016%2fj.spmi.2019.04.032&partnerID=40&md5=0c5734182c060cea558c06477367b003	Scopus
	Sumesh C.K.,	Department of Physical Sciences, P D Patel Institute of Applied Sciences, Charotar University of Science & Technology, Changa						
Molecular structure, DFT studies, Hirshfeld surface analysis, energy frameworks, and molecular docking studies of novel (E)-1-(4-chlorophenyl)-5-methyl-N ⁺ -(3-methyl-5-phenoxy-1-phenyl-1H-pyrazol-4-yl) methylene-1H-1, 2, 3-triazole-4-carbohydrazide	Bhola Y.O.,	College of Computer, Science, and Information Technology, Junagadh	Molecular Crystals and Liquid Crystals	2019	1542-1406	https://www.tandfonline.com/toc/gmcl20/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079702196&doi=10.1080%2f15421406.2020.1721946&partnerID=40&md5=d189170eb15c9d309070cbd687dea5fe	Scopus

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Effect of hybrid reinforcement of carbon fiber and stable particles on pitch based carbon carbon composites	Rasmika H Patel; Shishobhan Sharma	DEPARTMENT OF MATERIAL SCIENCE	Materials Research Express	2019	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075238231&doi=10.1088%2f2053-1591%2fab4e37&partnerID=40&md5=a63001de567df9e54941fb53eadd30c7	Scopus
	Patel B.K.	KANA Advanced Composites, POR, Vadodara						
Flat band potential determination of NbSe ₂ photoelectrode using Mott-Schottky plot	Kunjal Patel, G. K. Solanki, K. D. Patel, Pratik Pataniya, V. M. Pathak, Mohit Tannarana, Payal Chauhan, and Megha Patel	DEPARTMENT OF PHYSICS	AIP Conference Proceedings	2019	0094243X	https://aip.scitation.org/journal/apc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069789617&doi=10.1063%2f1.5113241&partnerID=40&md5=dd2458fd7c01a29129768aefac665436	Scopus
Aerosol optical properties over Gurushikhar, Mt. Abu: A high altitude mountain site in India	Rajesh T.A.	DEPARTMENT OF PHYSICS	Aerosol and Air Quality Research	2019	16808584	https://aaqr.org/ (Link not working)	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068742833&doi=10.4209%2faaqr.2018.05.0177&partnerID=40&md5=9504d9149d3a52ee94658e4363510237	Scopus

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Biodegradability, thermal, chemical, mechanical and morphological behavior of LDPE/pectin and LDPE/modified pectin blend	Raj M., Savaliya R., Joshi S.,	Institute of Science & Technology for Advanced Studies & Research (ISTAR)	Polymer Bulletin	2019	0170-0839	https://www.springer.com/journal/289	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058192890&doi=10.1007%2fs00289-018-2623-4&partnerID=40&md5=dfa2acfa7842a38a9b12b41d753efd56	Scopus
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Bipyrazole-based palladium(II) complexes as DNA intercalator and artificial metallonuclease	Thakor K.P., Lunagariya M.V., Bhatt B.S., Patel M.N.	DEPARTMENT OF CHEMISTRY	Monatshefte fur Chemie	2019	0026-9247	https://www.springer.com/journal/706	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060141986&doi=10.1007%2fs00706-018-2316-6&partnerID=40&md5=0143875f1a85a8591cffd4d4d1b34c6a	Scopus

In vitro propagation, in vitro flowering, ex vitro root regeneration and foliar micro-morphological analysis of Hedyotis biflora (Linn.) Lam	Revathi J., , Latha R., Priyadharshini S., Shekhawat M.S.	Department of Botany, Kanchi Mamunivar Center for Postgraduate Studies, Puducherry	Vegetos	2019	2229-4473	https://www.springer.com/journal/42535	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074567456&doi=10.1007%2fs42535-019-00066-9&partnerID=40&md5=f459a9092b28f28b1bd9b8832a677bf4	Scopus
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	Kher M.M.,	DEPARTMENT OF BIOSCIENCE						
Knowledge-based approach for word sense disambiguation using genetic algorithm for Gujarati	Vaishnav Z.B., Sajja P.S.	DEPARTMENT OF COMPUTER SCIENCE	Smart Innovation, Systems and Technologies	2019	2190-3018	https://www.springer.com/series/8767	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059679182&doi=10.1007%2f978-981-13-1742-2_48&partnerID=40&md5=dc910ba4016f89e3abf6910af80594e9	Scopus
Studies on influence of the size of waterborne polyurethane nanoparticles on coating performance	Patel R.H., Kapatel P.M.	DEPARTMENT OF MATERIAL SCIENCE	Materials Today: Proceedings	2019	2214-7853	https://www.journals.elsevier.com/materials-today-proceedings	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073056789&doi=10.1016%2fj.matpr.2019.06.625&partnerID=40&md5=72bd1bf5c655e7faeb5e8a326493c615	Scopus

Growth and application of $Sb_{0.5}Mo_{0.5}Se_2$ ternary alloy as photodetector	Vijay Dixit, Payal Chauhan, Alkesh B. Patel, , G.K. Solanki, K.D. Patel and V.M. Pathak	DEPARTMENT OF PHYSICS	Materials Letters: X	2019	2590-1508	https://www.journals.elsevier.com/materials-letters-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066506277&doi=10.1140%2fepjb%2fe2019-90736-3&partnerID=40&md5=82290229793745f2de0d9f79071501f5	Scopus
	Som Narayan; P.K. Jha	Department of Physics, The Maharaja Sayajirao University of Baroda						
Crystallography Study, Hirshfeld Surface Analysis and DFT Studies of Cadmium Complex of the Triple Sulfa Drug Constituent Sulfadiazine with Secondary Ligand \hat{I}^2 -Picoline	Dubey R.P., Patel U.H.	DEPARTMENT OF PHYSICS	Journal of Chemical Crystallography	2019	1074-1542	https://www.springer.com/journal/10870	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073593367&doi=10.1007%2fs10870-019-00803-7&partnerID=40&md5=13624688a49f4e6e5574aa347e1d4e2c	Scopus
A study of ferrofluid lubrication based rough sine film slider bearing with assorted porous structure	Munshi M.M., Patel A.R.	Gujarat Technological University, Alpha College of Engineering and Technology, Kalol	Acta Polytechnica	2019	12102709	https://ojs.cvut.cz/ojs/index.php/ap/index	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069920108&doi=10.14311%2fAP.2019.59.0144&partnerID=40&md5=273a1c6f16c1b004f1571022acb3dad8	Scopus
	Deheri G.B	DEPARTMENT OF MATHEMATICS						

Controllable white light generation from novel BaWO ₄ : Yb ³⁺ /Ho ³⁺ /Tm ³⁺ nanophosphor by modulating sensitizer ion concentration	Samanta B., Dey A.K., Bhaumik P., Manna S., Ghorai U.K.	Department of Industrial Chemistry & Applied Chemistry, Swami Vivekananda Research Centre, Ramakrishna Mission Vidyamandira, Belur Math, Howrah	Journal of Materials Science: Materials in Electronics	2019	0957-4522	https://www.springer.com/journal/10854	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057991377&doi=10.1007%2fs10854-018-0375-4&partnerID=40&md5=e49b81c4f7d62e18bc711d3ecbe70dcf	Scopus
	Halder A.	DEPARTMENT OF MATERIAL SCIENCE						
	Jana D.	Department of Chemistry, Ramakrishna Mission Vidyamandira, Belur Math, Howrah						
	Chattopadhyay K.K.	School of Materials Science and Nanotechnology, Jadavpur University, Kolkata						
DNA Interaction, in vitro Antibacterial and Cytotoxic Activities of Ru(III) Heterochelates	Karia P.S., Vekariya P.A., Patidar A.P., Kanthecha D.N., Bhatt B.S., Patel M.N.	DEPARTMENT OF CHEMISTRY	Acta Chimica Slovenica	2019	13180207	https://acta.chem-soc.si/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077922140&doi=10.17344%2facsi.2019.5159&partnerID=40&md5=ccb99fb98c1e3a9e467b3896ec0db69f	Scopus

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	Limbachiya C.,	Department of Applied Physics, The M. S. University of Baroda						
Immunolocalization of \hat{I}^2 -(1 \hat{e} ⁴)-D-galactan, xyloglucans and xylans in the reaction xylem fibres of <i>Leucaena leucocephala</i> (Lam.) de Wit	Pramod S., Rajput K.S.,	Department of Botany, The Maharaja Sayajirao of Baroda	Plant Physiology and Biochemistry	2019	0981-9428	https://www.journals.elsevier.com/plant-physiology-and-biochemistry	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068769436&doi=10.1016%2fj.plaphy.2019.07.013&partnerID=40&md5=d115a03654fbf66a9149fb5224b6f27f	Scopus
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Synthesis, Characterization, and Proton Conduction Behavior of Thorium and Cerium Phosphonates	Parangi T.F.	DEPARTMENT OF CHEMISTRY	ACS Omega	2019	24701343	https://acsopscienceline.org/open-access-journals/omega/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061934777&doi=10.1021%2facsomega.8b03468&partnerID=40&md5=edce642a506f017d35973077e7e3e2c8	Scopus
	Chudasama U.V.	Applied Chemistry Department, M.S. University of Baroda, Vadodara,						
Elicitor mediated" sanitization in combination with edible coatings improves postharvest shelf life and antioxidant potential of mango fruit.	Sayali More and T.V.Ramana Rao	DEPARTMENT OF BIOSCIENCE	Environmental and Experimental Biology	2019	1691-8088	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101000766&flag=Search	1335.pdf	UGC CARE
Microwave assisted solvent-free rapid synthesis of 4-methylcoumarin derivatives by using silica functionalized-SO ₃ H as an effective heterogeneous catalyst	Piyush N Kalaria, Shailesh P Satasia, , , Dipak K Raval	DEPARTMENT OF CHEMISTRY	Polycyclic Aromatic Compounds	2019	1040-6638	https://www.tandfonline.com/toc/gpol20/current	https://www.tandfonline.com/doi/abs/10.1080/10406638.2019.1666887	Scopus

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	Nirav H Sapariya	Natubhai V. Patel College of Pure and Applied Sciences, Vallabh Vidyanagar						
Synthesis of heterocyclic compounds and its applications	Patel, M. N.; Karia, P. S.; Vekariya, P. A.; Patidar, A. P.	DEPARTMENT OF CHEMISTRY	Arabian Journal of Chemistry	2019	18785352	https://www.journals.elsevier.com/arabian-journal-of-chemistry	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84936853272&doi=10.1016%2fj.arabjc.2015.06.031&partnerID=40&md5=33a508f13f223e006bfd a7d1917d82be	Scopus
Adsorptive abatement of ciprofloxacin using NiFe ₂ O ₄ nanoparticles incorporated into G.ghatti-cl-P(AAm) nanocomposites hydrogel: isotherm, kinetic, and thermodynamic studies	Ankur H. Gor,	Department of Chemistry, K S K V Kachchh University, Mundra Road, Bhuj	Polymer Bulletin	2019	0170-0839	https://www.springer.com/journal/289	https://link.springer.com/article/10.1007/s00289-019-03032-2	Scopus
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BSM Model for Generalized ML-Payoff	S J Ghevariya & D R Thakkar	DEPARTMENT OF MATHEMATICS	Journal of Applied Mathematics and computational Mechanics	2019	2299-9965	http://amcm.pcz.pl/	1354.pdf	UGC Approved List of Journals

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Analysis of Crude Price at Multi Commodity Exchange India: Economic Perspective	Dr. Kamini Shah	DEPARTMENT OF BUSINESS STUDIES	SECOM Management & Technology Review	2019	2321-5968	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101001105&flag=Search	1356.pdf	UGC CARE
A Study of Empathy level of tribal students in relation to Emotional Intelligence	Amrita J.Marshal	DEPARTMENT EDUCATION	Journal of the Gujarat Research society	2019	0374-8588	https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList (Discontinued from January 2020)	1357.pdf	UGC CARE
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Understanding Proximate Factors Associated With Perpetration of Intimate Partner Violence by Men In India	Thomas B.,	DEPARTMENT OF SOCIAL WORK	Space and Culture, India	2019	2052-8396	https://www.spaceandculture.in/index.php/spaceandculture	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083389728&doi=10.20896%2fSACI.V7I3.574&partnerID=40&md5=40be57d8fd55665069a828bf69a910f2	Scopus
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Group factors affecting achivement motivation of employees in information technology, hospitality and telecom sectors in India	Vilas Kulkarni, Bansari Dave	- Department of MBA	SEMCOM Management & Technology Review	2019	2321-5968	https://ugccare.unipu ne.ac.in/Apps1/User/WebA/ViewDetails? JournalId=10100110 5&flag=Search	1368.pdf	UGC CARE
An empirical study on agripreneurship intentions among agriculture students	Gautam R. Parmar, Raju M Rathod	- Department of MBA	SEMCOM Management & Technology Review	2019	2321-5968	https://ugccare.unipu ne.ac.in/Apps1/User/WebA/ViewDetails? JournalId=10100110 5&flag=Search	1369.pdf	UGC CARE

Direct shoot regeneration from excised leaf segments of <i>Crataeva nurvala</i>	Mafatlal M. Kher,	- GSFC Unversity	Environmental and Experimental Biology	2019	1691-8088	https://ugccare.unipu ne.ac.in/Apps1/User/ WebA/ViewDetails? JournalId=10100076 6&flag=Search	1370.pdf	UGC CARE
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Edible coatings from plant-derived gums and clove essential oil improve postharvest strawberry (<i>Fragaria × ananassa</i>) shelf life and quality	Kaushik A. Jodhani, M. Nataraj	- DEPARTMENT OF BIOSCIENCE	Environmental and Experimental Biology	2019	1691-8088	https://ugccare.unipu ne.ac.in/Apps1/User/ WebA/ViewDetails? JournalId=10100076 6&flag=Search	1372.pdf	UGC CARE
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Certain Properties of Konhauser Polynomial via Generalized Mittag-Leffler Function	Prajapati J.C., , , Agarwal P.	DEPARTMENT OF MATHEMATICS	Springer Proceedings in Mathematics and Statistics	2019	2194-1009	https://www.springer.com/series/10533	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076731402&doi=10.1007%2f978-981-15-0430-3_11&partnerID=40&md5=4e34b6b297e178714398832698b3e3a7	Scopus
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Conduction mechanism in vapour transport grown tellurium rich cadmium telluride crystals	Roshan M.,	Amity School of Engineering and Technology, Amity University Chhattisgarh	Materials Research Express	2019	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058054294&doi=10.1088%2f2053-1591%2faae3d2&partnerID=40&md5=e6f9ddb0ccc4c426b0d5206374bdec4	Scopus
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Lubrication of rough short bearing on Shliomis model by ferrofluid considering viscosity variation effect	Munshi M.M.,	Alpha College of Engineering and Technology, Gujarat Technological University, Kalol	International Journal of Mathematical, Engineering and Management Sciences	2019	2455-7749	https://www.ijmms.in/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068359127&doi=10.33889%2fIJMEMS.2019.4.4-078&partnerID=40&md5=b4ef5178330686b9dd743cc3271b6d28	Scopus
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Need of professional development and ICT skills for medical library professionals in Gujarat	Parmar S.D.,	C.U. Shah Medical College, Dudhrej Road, Surendranagar	Library Philosophy and Practice	2019	1522-0222	https://digitalcommons.unl.edu/libphilprac/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072933820&partnerID=40&md5=3a69737ce53002a1f44d4332dc43f8f2	Scopus
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Numerical modelling of Shliomis model based ferrofluid lubrication performance in rough short bearing	Munshi M.M.,	Alpha College of Engineering and Technology, Gujarat Technological University, Kalol	Journal of Theoretical and Applied Mechanics (Poland)	2019	1429-2955	http://jtam.pl/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078072605&doi=10.15632%2fjtam-pl%2f112415&partnerID=40&md5=187d755f9f33b35b5bec723a6070332	Scopus

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Viscosity variation effect on the magnetic fluid lubrication of a short bearing	Patel J.R.,	Department of Mathematical Sciences, P. D. Patel Institute of Applied Sciences, CHARUSAT, Changa	Journal of the Serbian Society for Computational Mechanics	2019	1820-6530	http://www.sscm.kg.ac.rs/jsscm/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084135770&doi=10.24874%2fJSSCM.2019.13.02.05&partnerID=40&md5=fc7a77ae2d77a54788508b0cd0adf43e	Scopus
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Higher Education in India: Issues related to Access, Equity, Efficiency, Quality and Internationalization	Kishore M. Joshi	Maharaja Krishnakumarsinhji Bhavnagar University	Academia	2019	2241-1402	http://hepnet.upatras.gr/	https://pasithee.library.upatras.gr/academia/article/view/2979	Scopus
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CsSyllabusLOR: Computer Science Syllabus Learning Object Repository	P. V. Virparia, M. G. Dave	Department of Computer Science	International Journal of Computer Sciences and Engineering	2019	2347-2693	https://www.ijcseonline.org/	1430.pdf	UGC Notified (Approved List of Journals)
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IR Line Tracking 4WD Robot utilizing Arduino Microcontroller	P. Bhatt, J. A. Trivedi	Department of Computer Science	Journal of Emerging Technologies and Innovative Research (JETIR)	2019	2349-5162	https://www.jetir.org/	1432.pdf	UGC Notified (Approved List of Journals)
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Technical works of university library and its automation	J. C. Makwana	Department of Library and Information Science	Research Guru: Online Journal of Multidisciplinary Subjects	2019	2349-266X	http://www.researchguru.net/	1435.pdf	UGC Notified (Approved List of Journals)
Measuring the impact of IPO Grading on Stock market performance in Indian Stock	Y. M. Dalvadi	Department of Business Studies	International Journal of Advance & Innovative Research	2019	2394-7780	http://iaraedu.com/about-journal/current-issue.php	1436.pdf	UGC Notified (Approved List of Journals)
Measuring IPO Performance of Graded and Non-Graded IPO's In India	Y. M. Dalvadi	Department of Business Studies	International Journal of Research and Analytical Reviews	2019	2349-5138	https://www.ijrar.org/	1437.pdf	UGC Notified (Approved List of Journals)
Which values determine choice between online courses and traditional classroom courses? Perspective of digital natives in gujarat	R. K. Renin Singh, R. M. Rathod	Department of Business Administration (Mba)	Asian journal of multidimensional research(AJMR) (Trans Asian Research Journal)	2019	2278-4853	https://www.tarj.in/	1438.pdf	UGC Notified (Approved List of Journals)
Adoption of e-learning as a supplement and an alternative to traditional classroom courses: a systematic review	R. K. Renin Sing, R. M. Rathod	Department of Business Administration (Mba)	Asian journal of multidimensional research(AJMR) (Trans Asian Research Journal)	2019	2278-4853	https://www.tarj.in/	1439.pdf	UGC Notified (Approved List of Journals)

Factors Affecting Food Choice: An Empirical Study	G. R. Parmar, R. M. Rathod	Department of Business Administration (Mba)	Pramana Research Journal	2019	2249-2976	https://www.pramanaaresearch.org/	1440.pdf	UGC Notified (Approved List of Journals)
Validation of scale for job related factors affecting achievement motivation	V. Kulkarni, B. Dave	Department of Business Administration (Mba)	Sumedha Journal of Management	2019	2277-6753	http://www.cmrcetmba.in/sumedha/	1441.pdf	UGC Notified (Approved List of Journals)
Action Research: A Requisite for Sustainable Development in Indian Education System	V. Kulkarni, D. Ranjana	Department of Business Administration (Mba)	International Journal of Advance & Innovative Research	2019	2394-7780	http://iaraedu.com/about-journal/current-issue.php	1442.pdf	UGC Notified (Approved List of Journals)
Validation of scale for group related factors affecting achievement motivation	V. Kulkarni, B. Dave	Department of Business Administration (Mba)	Asian journal of multidimensional research(AJMR) (Trans Asian Research Journal)	2019	2278-4853	https://www.tarj.in/	1443.pdf	UGC Notified (Approved List of Journals)
Prathmik Stare Gujarati Bhasha Vanchan Arthgrahan Karykram ni rachana ane Amalikaran	A. J. Marshal,P. B.Acharya	Department of Education	Research Guru: Online Journal of Multidisciplinary Subjects	2019	2349-266X	http://www.researchguru.net/	1444.pdf	UGC Notified (Approved List of Journals)
Mahatma Gandhi and Women Empowerment	Vasant Patel	Department of History	Research Guru: Online Journal of Multidisciplinary Subjects	2019	2349-266X	http://www.researchguru.net/	1445.pdf	UGC Notified (Approved List of Journals)
Study on Level of Awareness and Factors Contributing to Non-Utilization of Rashtriya Swasthya Bima Yojna (RSBY) in Charotar Region, Gujarat,	Shivani Mishra	Department of Social Work	Social Work Chronicle	2019	2277-1395	http://www.publishingindia.com/swc/	1446.pdf	UGC Notified (Approved List of Journals)

Myth aadharit natakun Film rupantaran – Agnivarsha	Rajeshvari Patel	Department of Gujarati	Sahitya Setu	2019	2249-2372	https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList (Discontinued from Jan 2022)	1447.pdf	UGC-CARE
Design and Synthesis of Imidazole Based Quinoline Derivatives as Antimicrobial and Antitubercular Agents	Pratik G. Shobhashana, Manish P. Patel	Department of Chemistry	Asian Journal of Research in Chemistry and Pharmaceutical Sciences	2019	2349-7106	http://www.ajrcps.com/	1448.pdf	UGC Notified (Approved List of Journals)
Synthesis and Characterization of Sodium salt of Partially Carboxymethylated Sodium Alginate-g-PMA using KPS/AA as a redox pair	Jignesh H. Trivedi	Department of Chemistry	Journal of Applied Science and Commutations	2019	1076-5131	http://j-asc.com/	1449.pdf	UGC Notified (Approved List of Journals)
Effectiveness of collaborative learning of reading comprehension	Kirankumar B. Solanki, Paresh B. Acharya	Department of Education	International Reseach Journal of Management Sociology & Humanity (IRJMSH)	2019	2277 -9809	http://www.irjmsh.com/	1450.pdf	UGC Notified (Approved List of Journals)
Gyan adharit samajna nirman mate sarvajanic granthalayoni badalati bhumika	Jignesh C. Makwana	Department of Library and Information Science	Research Guru: Online Journal of Multidisciplinary Subjects	2019	2349-266X	http://www.researchguru.net/	1451.pdf	UGC Notified (Approved List of Journals)
Prevention of Fungal Contamination in Plant Tissue Culture Using Cyclic Lipopeptides Secretd by Bacillus amyloliquefaciens AB30a	Khushboo Rawal, Hareshkumar Keharia	Department of Bioscience	Plant Tissue Culture & Biotechnology	2019	1817-3721	https://www.banglajol.info/index.php/PTCB	1452.pdf	UGC Notified (Approved List of Journals)
Malik Sajad's Munnu: Graphic novel as creative resistance	Manish Solanki	Department of English	Gnosis	2019	2394-0131	http://thegnosisjournal.com/online/	1453.pdf	UGC Notified (Approved List of Journals)

Reward management practices and its relationship with job satisfaction : A study specific to electronic industry in Gujarat	Vilas Kulkarni, Vikrant Jain	Department of Business Administration (Mba)	Journal of Emerging Technologies and Innovative Research (JETIR)	2019	2349-5162	https://www.jetir.org/	1454.pdf	UGC Notified (Approved List of Journals)
Perception of employees towards talent management practices in pharmaceutical industries in Gujarat	Vilas Kulkarni, Vikrant Jain	Department of Business Administration (Mba)	Journal of Emerging Technologies and Innovative Research (JETIR)	2019	2349-5162	https://www.jetir.org/	1455.pdf	UGC Notified (Approved List of Journals)
Learning continuum: An approach for sustainable development	Vilas Kulkarni, Ranjana Dureja	Department of Business Administration (Mba)	International Journal of Management, IT and Engineering (IJMIE)	2019	2249-0558	https://www.ijmra.us/itjournal.php	1456.pdf	UGC Notified (Approved List of Journals)
A study on perception and awareness of consumers about generic medicines in Anand City	Hitesh Parmar	Department of Business Administration (Mba)	International Journal of Research and Analytical Reviews	2019	2349-5138	https://www.ijrar.org/	1457.pdf	UGC Notified (Approved List of Journals)
A study on perception of customers towards electric mobility	Hitesh Parmar	Department of Business Administration (Mba)	International Journal of Research and Analytical Reviews	2019	2349-5138	https://www.ijrar.org/	1458.pdf	UGC Notified (Approved List of Journals)
A study on impact and importance of skill development and training on employee performance: A research model	K. S. Prasad	Department of Business Administration (Mba)	International Journal of Research and Analytical Reviews	2019	2349-5138	https://www.ijrar.org/	1459.pdf	UGC Notified (Approved List of Journals)

The role of ergonomics in the agricultural science	K. S. Prasad, Akanxa J. Dhamale	Department of Business Administration (Mba)	Journal of Emerging Technologies and Innovative Research (JETIR)	2019	2349-5162	https://www.jetir.org/	1460.pdf	UGC Notified (Approved List of Journals)
Impact of ergonomic design on the performance of employees in the workplace	K. S. Prasad, Akanxa J. Dhamale	Department of Business Administration (Mba)	International Journal of Research and Analytical Reviews	2019	2349-5138	https://www.ijrar.org/	1461.pdf	UGC Notified (Approved List of Journals)
Bhavnagar and Sardar Patel: In historical perspective	Vasant Patel	Department of History	Research Guru: Online Journal of Multidisciplinary Subjects	2019	2349-266X	http://www.researchguru.net/	1462.pdf	UGC Notified (Approved List of Journals)
Ekismi sadi: Hindi sahitya me mahila laghukathakaro	Seema Rathod	Department of Hindi	International Research Fellows Association's Research Journal	2019	2348-7142	http://uniresearch.net.in/home	1463.pdf	UGC Notified (Approved List of Journals)
A study on awareness and scope of Islamic banking in Gujarat State	Sadamhusen Musebhai Timbaliya, Priyanka R. Sheth	Department of Business Stuidies	International Journal of Advance & Innovative Research	2019	2394-7780	http://iaraedu.com/ab-out-journal/current-issue.php	1464.pdf	UGC Notified (Approved List of Journals)
A study of women empowerment through financial literacy	Kamini Shah	Department of Business Stuidies	University News	2019	0566-2257	https://www.aiu.ac.in/news.php	1465.pdf	UGC Notified (Approved List of Journals)
The digital transforamtion of the FMCG industry: A glimpse	Hetal Kherala, Surech Machhar	Department of Business Stuidies	International Journal of Advance & Innovative Research	2019	2394-7780	http://iaraedu.com/ab-out-journal/current-issue.php	1466.pdf	UGC Notified (Approved List of Journals)

A study of mapping of perception of present direct taxation policy of government	Yagnesh M. Dalvadi, Chintan Chavda	Department of Business Studies	Synergy Journal of Management	2019	0973-922X	http://www.spuvvn.edu/academics/publications/Peer%20review%20and%20publication%20policy.pdf	1467.pdf	UGC Notified (Approved List of Journals)
Preventing the database of web based applications fro SQL injection attack	Prashant P. Pittalia	Department of Computer Science	International Journal of Advance & Innovative Research	2019	2394-7780	http://iaraedu.com/about-journal/current-issue.php	1468.pdf	UGC Notified (Approved List of Journals)
The effect of social media on society	Prashant P. Pittalia	Department of Computer Science	Journal of Emerging Technologies and Innovative Research (JETIR)	2019	2349-5162	https://www.jetir.org/	1469.pdf	UGC Notified (Approved List of Journals)
A study on customer expectation level and buying decision pattern of gold jewellery with reference to selected city of Gujarat	Surbhi Soni, Hitesh Parmar	Department of Business Administration (Mba)	International Journal of Research and Analytical Reviews	2019	2349-5138	https://www.ijrar.org/	1470.pdf	UGC Notified (Approved List of Journals)
A study on customer satisfaction and customer loyalty for gold jewellery with reference to Central Gujarat	Surbhi Soni, Rajnikant Patel	Department of Business Administration (Mba)	International Journal of Research and Analytical Reviews	2019	2349-5138	https://www.ijrar.org/	1471.pdf	UGC Notified (Approved List of Journals)
Digital Image Watermarking Mechanism for Image Authentication, Image Forgery and Self Recovery	Hiral A. Patel ¹ , Dr. Dipti B. Shah	Department of Computer Science	International Journal of Electronics Engineering	2019	0973-7383	http://www.csjournals.com/?page_id=8	1472.pdf	UGC Notified (Approved List of Journals)
Optimization of Dry Basella rubra Leaf Powder in Nachos Preparation and Studying its Antioxidant Potential	<i>Vimal D. B. Jayswal, Jui Patel, V. H. Patel, Neeta R. Dave</i>	Department of Home Science	Research & Reviews: A Journal of Life Sciences	2019	2249-8656	http://stmjournals.com/index.php?journal=RRJoLS	1473.pdf	UGC Notified (Approved List of Journals)

Sensory Evaluation, Physico-Chemical Characteristics and Antioxidant Capacity of Biscuits Incorporated with Dry Banana Peel Powder	<i>Revati Shah Shah, Drashti Shah, V.H. Patel, Neeta R. Dave</i>	Department of Home Science	Research & Reviews: A Journal of Life Sciences	2019	2249-8656	http://stmjournals.com/index.php?journal=RRJoLS	1474.pdf	UGC Notified (Approved List of Journals)
<u>An overview of Sustainable Clothing Consumption Practices</u>	Rupjyoti Neog, Namrita Kola	Department of Home Science	Journal of Emerging Technologies and Innovative Research (JETIR)	2019	2349-5162	https://www.jetir.org/	1475.pdf	UGC Notified (Approved List of Journals)
<u>Remonstrance Faced by the Artisans of Sacred Art of Gujarat: Mata ni pachedi</u>	Harbinder Kaur, Namrita Kola	Department of Home Science	International Journal of Research and Analytical Reviews	2019	2349-5138	https://www.ijrar.org/	1476.pdf	UGC Notified (Approved List of Journals)
work related musculoskeletal disorders among nurses in hospitals and clinics at selected cities of Gujarat State	Mamta Solanki, Paulomi Dalal	Department of Home Science	Journal of Emerging Technologies and Innovative Research (JETIR)	2019	2349-5162	https://www.jetir.org/	1477.pdf	UGC Notified (Approved List of Journals)
Hospitality sector - issues and challenges	Julie Patel, Vilas Kulkarni	Department of Business Administration (Mba)	Journal of Emerging Technologies and Innovative Research (JETIR)	2019	2349-5162	https://www.jetir.org/	1478.pdf	UGC Notified (Approved List of Journals)
Spherically symmetric static charged anisotropic fluid in rosen's bi,etric theory of gravitation	A.H. Hasmani, D.N. Pandya	Department of Mathematics	Journal of Dynamically Systems & Geomatic Theories	2019	1726-037X	https://www.tandfonline.com/toc/tdsg20/current	1479.pdf	UGC Notified (Approved List of Journals)

Financial analysis of Nadiad Municipality: A correlation assesment of income and expenditure	Sanjaykumar D. Parmar, Vijay S. Jariwala	Department of Economics	International Journal of Research and Analytical Reviews	2019	2349-5138	https://www.ijrar.org/	1480.pdf	UGC Notified (Approved List of Journals)
Low-Temperature Raman Investigations and Photoresponse of a Detector Based on High-Quality WSe ₂ Crystals	Pratik M. Pataniya	Pataniya, P.M., Department of Physical Sciences, P. D. Patel Institute of Applied Sciences, Charotar University of Science and Technology, Changa, 388 421, India	Journal of Physical chemistry C (ACS)	2020	1932-7447	https://pubs.acs.org/journal/jpcck	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079323087&doi=10.1021%2fac.jpcc.9b08381&partnerID=40&md5=fe0dbc665d9d842ab769f978bf3e5264	Scopus
	Mohit Tannarana, Chetan K. Zankat, Sanjay A. Bhakhar G. K. Solanki, K. D. Patel, V. M. Pathak	Department of Physics, Sardar Patel University, Vallabh Vidyanagar Gujarat, 388120, India						
	Som Narayan, Prafulla K. Jha	Department of Physics, Faculty of Science, M.S. University of Baroda, Vadodara, 39000						

<p>2D-SnSe₂Nanosheet Functionalized Piezo-resistive Flexible Sensor for Pressure and Human Breath Monitoring</p>	<p>Tannarana, M., Solanki, G.K., Bhakhar, S.A., Patel, K.D., Pathak, V.M.</p>	<p>Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Anand, 388120, India</p>	<p>ACS Sustainable Chemistry and Engineering</p>	<p>2020</p>	<p>2168-0485</p>	<p>https://pubs.acs.org/page/ascecg/about.html</p>	<p>https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087589973&doi=10.1021%2facssuschemeng.0c01827&partnerID=40&md5=2510f99862d6f97ff1572896b0299b8a</p>	<p>Scopus</p>
	<p>Pataniya, P.M.</p>	<p>Department of Physical Science, P.D. Patel Institute of Applied Sciences, Charutar University of Science and Technology, Changa, 388421, India</p>						

Single crystal, DNA interaction and cytotoxicity studies of rhenium(I) organometallic compounds.	Varma, R.R., Pursuwani, B. H., Bhatt, B.S., Patel, M. N.	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar Gujarat 388 120, India	Journal of Molecular Structure	2020	0022-2860	https://www.journals.elsevier.com/journal-of-molecular-structure	https://www.scopus.com/record/display.uri?eid=2-s2.0-85072252508&origin=resultslist&sort=tpt&src=s&nlo=&nlr=&nls=&sid=7645a5f7657c259a75d3af987dca4cc9&sot=b&sdt=cl&cluster=scopusbyr%2c%222020%22%2ct&sl=21&s=TITLE%28Single+crystal%29&ref=%28organometallic+compounds%29&relpos=73&citeCnt=10&searchTerm=	Scopus
	Suresh, E.	Analytical Discipline and Centralized Instrument Facility, CSIR-Central Salt and Marine Chemical Research Institute, G. B. Marg, Bhavnagar, Gujarat 364002, India;						

12-Tungstosilicic Acid $H_4[W_{12}SiO_{40}]$ Over Natural Bentonite as a Heterogeneous Catalyst for the Synthesis of 3,4- dihydropyrimidin- 2(1H)-ones	Lakha V.Chopda,	Department of Chemistry, Krantiguru Shyamji Krishna Verma Kachchh, University, Bhuj, Vallabh Vidyanagar, Gujarat, India	ChemistrySelect	2020	2365-6549	https://www.wiley.com/en-us/ChemistrySelect-p-9780JRNL76542	https://pubmed.ncbi.nlm.nih.gov/30927648/	Scopus
	P. N. Dave	Department Of Chemistry, Sardar Patel University, Vallabh Vidyanagar, India						
Effect of mono- and di- anchoring dyes based on o,m-difluoro substituted phenylene spacer in liquid and solid state dye sensitized solar cells	Telugu Bhim Raju;Mohammad Adil Afroz; Parameswar Krishnan Iyer	Department of Chemistry, Indian Institute of Technology Guwahati	Dyes and Pigments	2020	0143-7208	https://www.journals.elsevier.com/dyes-and-pigments	https://www.scopus.com/record/display.uri?eid=2-s2.0-85075351715&origin=resultslist&sort=tp-t&src=s&nlo=&nlr=&nls=&sid=988c76177c890f7511df9da6358503cf&sot=b&sdt=cl&cluster=scopusbyr%2c%222020%22%2ct&sl=21&s=TITLE%28Effect+of+mono%29&relpos=11&citeCnt=9&searchTerm=	Scopus
	Jayraj V. Vaghasiya; Saurabh S. Soni	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar						

Paper based organic-inorganic hybrid photodetector for visible light detection	Kannichankandy, D., Zankat, C.K., Tannarana, M., Pathak, V.M., Solanki, G.K., Patel, K.D.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, 388120, India	Applied Surface Science	2020	0169-4332	https://www.journals.elsevier.com/applied-surface-science	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084263261&doi=10.1016%2fj.apsusc.2020.146589&partnerID=40&md5=4ed3b8764cb079d986a377ea0d470360	Scopus
	Pataniya, P.M.	Department of Physical Sciences, P.D. Patel Institute of Applied Sciences, Charusat, Changa-388421, India;						
A novel substrate directed multicomponent reaction for the syntheses of tetrahydro-spiro[pyrazolo[4,3-f]quinoline]-8,5'-pyrimidines and tetrahydro-pyrazolo[4,3-f]pyrimido[4,5-b]quinolines via selective multiple C-C bond formation under metal-free conditions	Patel, D.M., Patel, H.J., Patel, H.M.	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat, 388120, India	RSC Advances	2020	2046-2069	https://www.rsc.org/journals-books-databases/about-journals/rsc-advances/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085640120&doi=10.1039%2fd0ra02990d&partnerID=40&md5=eeb79e9dd996ade59a7af6711181980b	Scopus
	Padr�n, J.M.	BioLab, Instituto Universitario de Bio-Org�nica Antonio Gonz�lez, CIBICAN, Universidad de La Laguna, Avda. Astrof�sico Francisco S�nchez 2, La Laguna, 38206, Spain						

Growth and characterizations of tin telluride (SnTe) single crystals	RM Kannaujiya, AJ Khimani, S H Chaki, S M Chauhan, A B Hirpara, M P Deshpande	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388120, India	The European Physical Journal Plus	2020	2190-5444	https://www.springer.com/journal/13360	https://www.scopus.com/record/display.uri?eid=2-s2.0-85077860561&origin=resultslist&sort=tpt&src=s&sid=d7991a0dc20b776547e26587cd9b76e1&so=b&sdt=b&sl=52&s=TITLE%28Growth+and+characterizations+of+tin+telluride%29&relpos=0&citeCnt=7&searchTerm=	Scopus
Flexible paper based piezo-resistive sensor functionalised by 2D-WSe2nanosheets	Pataniya, P.M. Sumesh, C.K.,	Department of Physical Sciences, P.D. Patel Institute of Applied Sciences, Charotar University of Science and Technology, Changa, 388421, India	Nanotechnology	2020	0957-4484	https://iopscience.iop.org/journal/0957-4484	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089405408&doi=10.1088%2f1361-6528%2faba4cd&partnerID=40&md5=808f10ec7bf60e756c2a909484e1dc91	Scopus
	Tannarana, M., Zankat, C.K., Solanki, G.K., Patel, K.D., Pathak, V.M.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, 388120, India						

<p>Gel polymer electrolyte based on PVDF- HFP:PMMA incorporated with porpylene carbonate (PC) & diethyl carbonate (DEC) plasticizers: electrical, morphology, structural & electrochemical properties</p>	<p>Khushbu Gohel, D., K. Kanchan, C. Maheshwaran</p>	<p>Department of Physics, Faculty of Science, M.S. University of Baroda, Vadodara, Gujarat, 390002, India</p>	<p>Materials Research Express</p>	<p>2020</p>	<p>2053-1591</p>	<p>https://iopscience.iop.org/journal/2631-8695</p>	<p>https://www.scopus.com/record/display.uri?eid=2-s2.0-85081748918&origin=resultslist&sort=tp-t&src=s&sid=cda35946252f29528b2acce79a639ba&sot=b&sdt=b&sl=49&s=TITLE%28Gel+polymer+electrolyte+based+on+PVDF+HFP%29&relpos=28&citeCnt=6&searchTerm=</p>	<p>Scopus</p>
	<p>Hiren K.Machhi, Saurabh S. Soni</p>	<p>Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat, 388 120, India</p>						

<p>Synthesis and computational study of coumarin thiophene-based D-π-A azo bridge colorants for DSSC and NLOphoric Application</p>	<p>Nitesh N. Ayare, Suryapratap Sharma, Nagaiyan Sekar</p>	<p>Dyestuff Technology Department, Institute of Chemical Technology, N. P. Marg, Matunga, Mumbai, Maharashtra 400019, India</p>	<p>Journal of Photochemistry & Photobiology A : Chemistry</p>	<p>2020</p>	<p>1010-6030</p>	<p>https://www.journals.elsevier.com/journal-of-photochemistry-and-photobiology-a-chemistry</p>	<p>https://www.scopus.com/record/display.uri?eid=2-s2.0-85081208717&origin=resultslist&sort=t&src=s&sid=9d6f5ed740be9ac90fa60f1732e0478c&sot=b&sdt=b&sl=62&s=TITLE%28Synthesis+and+computational+study+of+coumarin+thiophene%29&relpos=0&citeCnt=6&searchTerm=</p>	<p>Scopus</p>
	<p>Keval K. Sonigara, Jyoti Prasad, Saurabh S. Soni</p>	<p>Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388 120, India</p>						

Synthesis and characterization of branched polyether ester urethane/organo-clay nanocomposites	Rasmika H. Patel, Vijayalaxmi K. Mishra	Department of Materials Science, Sardar Patel University, Vallabh Vidyanagar, Gujrat 388120, India	Progress in organic coatings	2020	0300-9440	https://www.journals.elsevier.com/progress-in-organic-coatings	https://www.scopus.com/record/display.uri?eid=2-s2.0-85076198846&origin=resultslist&sort=tpt&src=s&nlo=&nlr=&nls=&sid=3ccc6c3974438aadf227cebb350f0982&so=b&sd=cl&cluster=scopusbyr%2c%222020%22%2ct&sl=49&s=TITLE%28Synthesis+and+characterization+of+branched%29&relpos=6&citeCnt=5&searchTerm=	Scopus
Exploring qualitative and quantitative contributions of intermolecular interactions, DNA-binding and in vitro cytotoxic activity of isostructural and isomorphous Cd and Zn complexes	Dawood Alalawy, M., Patel, U.H.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388 120, India	Polyhedron	2020	0277-5387	https://www.journals.elsevier.com/polyhedron	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084601669&doi=10.1016%2fj.poly.2020.114595&partnerID=40&md5=051cb9bb2a3a7faef71aa0eefcae047d	Scopus
	Bhatt, B.S., Patel, N.J.	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388120, India						

<p>Contribution in Light Harvesting by Solid Ionic Conductors for Efficient Photoelectrochemical Cells: An Effect of an Identical Donor Molecule in Sensitizers and Electrolytes</p>	<p>Vaghasiya, J.V., Sonigara, K.K., Prasad, J., Soni, S.S.</p>	<p>Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat, 388 120, India</p>	<p>ACS Applied Energy Materials</p>	<p>2020</p>	<p>2574-0962</p>	<p>https://pubs.acs.org/page/aaemcq/about.html</p>	<p>https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091020342&doi=10.1021%2facsaem.0c01111&partnerID=40&md5=238e9d388052452d0e5dcc634786ac74</p>	<p>Scopus</p>
	<p>Qureshi, M.</p>	<p>Materials Science Laboratory, Department of Chemistry, Indian Institute of Technology Guwahati, Guwahati, Assam, 781039, India</p>						
	<p>Tan, S.C.</p>	<p>Department of Materials Science and Engineering, National University of Singapore, 9 Engineering Drive 1, Singapore, 117574, Singapore</p>						

Performance of low pressure nanofiltration membrane in forward osmosis using magnesium chloride as draw solute	Supritam Dutta	Department of Chemical Engineering, L. D. College of Engineering, Ahmedabad 380015 and Research Scholar, Gujarat Technological University, Ahmedabad, India	Journal of Water Process Engineering	2020	2214-7144	https://www.journals.elsevier.com/journal-of-water-process-engineering	https://www.scopus.com/record/display.uri?eid=2-s2.0-85076247066&origin=resultslist&sort=tpt&src=s&sid=a60dd68d79fbd5d418cfed689bd9eae&so=b&sd=b&sl=74&s=TITLE%28Performance++++of++++low++++pressure+nanofiltration+membrane%29&relpos=6&citeCnt=5&searchTerm=	Scopus
	P.N.Dave	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar 388 120Gujarat, India						
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	Shalini Chaturvedi	Samarpan Science and Commerce College Gandhinagar, Gandhinagar, India						
Thermal analysis of direct vapour transport technique grown tin selenide single crystals	Shivam Patel, S.H. Chaki, P.C. Vinodkumar	Department of Physics, Sardar Patel University, Vallabh Vidyanagar 388120 Gujarat, India	Thermochimica Acta	2020	0040-6031	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083801600&doi=10.1016%2fj.tca.2020.178614&partnerID=40&md5=ebf637d89fa66e748e4fa5e784720676	Scopus	
Synthesis and characterization of flame retardant polyurethane: Effect of castor oil polyurethane on its properties	Rasmika H Patel & Vijayalaxmi K Mishra	Department of Materials Science, Sardar Patel University, Vallabh Vidyanagar, Gujrat, 388120, India	Polymer degradation and stability	2020	0141-3910	https://www.scopus.com/record/display.uri?eid=2-s2.0-85081161005&origin=resultslist&sort=tp-t&src=s&sid=81e0478fbf9354ff062a81360c4bf12d&sot=b&sdt=b&sl=69&s=TITLE%28Synthesis+and+characterization+of+flame+retardant+polyurethane%29&relpos=16&citeCnt=4&searchTerm=	Scopus	

A literature review on traditional herbal medicines for malaria	Noronha, M., Pawar, V., Prajapati, A., Subramanian, R.B.	Department of Biosciences, Centre of Advanced Studies, Sardar Patel University, Satellite campus, Sardar Patel Maidan, Bakrol, Vadtal road, P.O. Box 39, Vallabh VidyanagarGujarat 388120, India	South African Journal of Botany	2020	0254-6299	https://www.journals.elsevier.com/south-african-journal-of-botany	https://www.sciencedirect.com/science/article/abs/pii/S0254629919311755	Scopus
<u>Tetrazolo[1,5-a]quinoline moiety-based Os(IV) complexes: DNA binding/cleavage, bacteriostatic and photocytotoxicity assay</u>	Bharat H. Pursuwan, Bhupesh S. Bhatta, Mohan N. Patela	<u>Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat, India</u>	<u>Journal of Biomolecular Structure and Dynamics</u>	2020	0739-1102	https://www.tandfonline.com/toc/tbsd20/current	https://www.tandfonline.com/doi/full/10.1080/07391102.2020.1756912	Scopus
	Foram U. Vaidyab; Chandramani Pathakb	<u>Indian Institute of Advanced Research Koba, Gandhinagar, Gujarat.</u>						
Indian sarsaparilla, <i>Hemidesmus indicus</i> (L.) R. Br. ex Schult: tissue culture studies	M M Kher	School of Science, GSFC University, P. O. Fertilizernagar, Vadodara, Gujarat 391750, India	Applied Microbiology and Biotechnology	2020	0175-7598	https://www.springer.com/journal/253	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086447357&doi=10.1007%2fs00253-020-10714-9&partnerID=40&md5=e24f454e845fa59daf5f96b88e4cab4f	Scopus

	M S Shekhawat	Department of Botany, Kanchi Mamunivar Center for Postgraduate Studies, Puducherry, 605 008, India						
	M. Nataraj	Department of Biosciences, Sardar Patel University, Sardar Patel Maidan, Vadtal Road, P. O. Box no. 39, Vallabh Vidyanagar, Gujarat 388120, India						
	JAT da Silva	P. O. Box 7, Miki-cho Post Office, Ikenobe, Kagawa-Ken 3011-2 761-0799, Japan						

<p>DNA interaction, in vivo and in vitro cytotoxicity, reactive oxygen species, lipid peroxidation of -N, S donor Re(I) metal complexes</p>	<p>R. R. Varma, Patel, M. N.</p>	<p>Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388 120, India</p>	<p>Molecular Diversity</p>	<p>2020</p>	<p>1573-501X</p>	<p>https://www.springer.com/journal/11030</p>	<p>https://www.scopus.com/record/display.uri?eid=2-s2.0-85079115188&origin=resultslist&sort=t&src=s&sid=9a116c58d38ddc75af241655e9cb9284&sot=b&sd=b&sl=62&s=TITLE%28DNA+interaction%2c+in+in+vo+and+in+vitro++++cytotoxicity%29&relpos=1&citeCnt=2&searchTerm=</p>	<p>Scopus</p>
	<p>Pandya, J. G.</p>	<p>B. R. Doshi School of Bioscience, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388 120, India</p>						
	<p>Sharma, J., Pathak, C.</p>	<p>Department of Cell Biology, School of Biological Sciences and Biotechnology, Indian Institute of Advanced Research, Koba Institutional Area, Gandhinagar, Gujarat 382007, India</p>						

	Patel, Mohan N.	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388 120, India						
Arene-ruthenium (II)-phosphine complexes: Green catalysts for hydration of nitriles under mild conditions	K.M. Vyas,	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, 388120, India	Inorganic Chemistry Communications	2020	1387-7003	https://www.journals.elsevier.com/inorganic-chemistry-communications	https://www.scopus.com/record/display.uri?eid=2-s2.0-85076046579&origin=resultslist&sort=tpt&src=s&nlo=&nlr=&nls=&sid=c943f09a7919fc72703cce0a20f6f181&sot=b&sdt=cl&cluster=scopusbyr%2c%222020%22%2ct&sl=22&s=TITLE%28Arene-ruthenium%29&relpos=3&citeCnt=4&searchTerm=	Scopus
	P. Mandal, R. Singh, M.M. Shaikh, S. Mukhopadhyay	Discipline of Chemistry, School of Basic Sciences, Indian Institute of Technology Indore, Khandwa Road, Simrol, Indore, 453552, India						

Effect of increasing NCO ration on properties of flame retardant di-phosphorous based polyether ester urethanes	Rasmika H. Patel, Vijayalaxmi K. Mishra	Department of Materials Science, Sardar Patel University, Vallabh Vidyanagar, Gujrat 388120, India	Progress in organic coatings	2020	0300-9440	https://www.journals.elsevier.com/progress-in-organic-coatings	https://www.scopus.com/record/display.uri?eid=2-s2.0-85078418922&origin=resultslist&sort=tpt&src=s&sid=b1855b39c07b235fa50ee5247e6138d8&sot=b&sd=b&sl=31&s=TITLE%28Effect+of+increasing+NCO%29&relpos=0&citeCnt=2&searchTerm=	Scopus
Humidity Sensor Based on Two-Dimensional SnSe ₂ /MWCNT Nanohybrids for the Online Monitoring of Human Respiration and a Touchless Positioning Interface	Mohit Tannarana, G. K. Solanki, K. D. Patel, V. M. Pathak, Chetan K. Zankat	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Gujarat, 388120, India	ACS Sustainable Chemistry and Engineering	2020	2168-0485	https://pubs.acs.org/page/ascecg/about.html	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091091671&doi=10.1021%2facssuschemeng.0c04027&partnerID=40&md5=3d27c02e2a8651a59a68b43a15016af2	Scopus
	Pratik Pataniya	Department of Physical Sciences, P. D. Patel Institute of Applied Sciences, Charotar University of Science and Technology, Changa, Gujarat, 388421, India						

The boundary lerch zeta-function and short character sums Å€ la y. Yamamoto	Wang, X., Mehta, J.,	Economy and Finance School Xi'an International Studies University	Kyushu Journal of Mathematics	2020	1340-6116	https://www2.math.kyushu-u.ac.jp/~kjm/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084494022&doi=10.2206%2fkyushujm.74.313&partnerID=40&md5=f46f7661765a3f0deef855c04b494504	Scopus
	Mehta, J.	<u>Department of Mathematics, Sardar Patel University, Vallabh Vidyanaga</u>						
	Kanemitsu, S.	Graduate School of Engineering, Kyushu Institute of Technology						
Anisotropic study of photo-bolometric effect in Sb _{0.15} Ge _{0.85} Se ternary alloy at low temperature	Limberkar, C., Patel, A., Patel, K., Nair, S., Joy, J., Patel, K.D., Solanki, G.K., Pathak, V.M.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Anand, Gujarat 388120, India	Journal of Alloys and Compounds	2020	0925-8388	https://www.journals.elsevier.com/journal-of-alloys-and-compounds	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089144489&doi=10.1016%2fj.jallcom.2020.156391&partnerID=40&md5=7025cdfa8caa240a8b69c783cd88549b	Scopus

Solid Acid Catalysts for Biodiesel Production	Parangi, T., Mishra, M.K.	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat, India	Comments on Inorganic Chemistry	2020		https://www.tandfonline.com/toc/gcic20/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084351842&doi=10.1080%2f02603594.2020.1755273&partnerID=40&md5=1546914658a636ed3d9699ff0290c84b	Scopus
Immobilization of Agrobacterium tumefaciens D-psicose 3-epimerase onto titanium dioxide for bioconversion of rare sugar	Dedania, S.R., Patel, V.K., Patel, D.H.	P.D. Patel Institute of Applied Sciences, CHARUSAT, Changa, Gujarat 388421, India	Enzyme and Microbial Technology	2020	0141-0229	https://www.journals.elsevier.com/enzyme-and-microbial-technology	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085941065&doi=10.1016%2fj.enzmtectec.2020.109605&partnerID=40&md5=ec58dc3da161d133366e930c6970d6ed	Scopus
	Soni, S.S.	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar Gujarat 388 120, India;						
Above 800 mV Open-Circuit Voltage in Solid-State Photovoltaic Devices Using Phosphonium Cation-Based Solid Ionic Conductors	Prasad, J., Machhi, H.K., Sonigara, K.K., Soni, S.S.	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat, 388 120, India	ACS Applied Materials and Interfaces	2020	2574-0962	https://pubs.acs.org/page/aaemcq/about.html	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085264041&doi=10.1021%2facami.0c04426&partnerID=40&md5=0aa7e0c17e3629628b66ea12cadcd31a	Scopus

	Patel, V.K.	P. D. Patel Institute of Applied Sciences, Charotar University of Science and Technology, Changa Gujarat, 388421, India						
Pyridine-2-carboxylic acid as an effectual catalyst for rapid multi-component synthesis of pyrazolo[3,4-b]quinolinones	Sharma, M.G., Vala, R.M., Patel, H.M.	Department of Chemistry, Sardar Patel University, University Campus, Vallabh VidyanagarGujarat 388 120, India	RSC Advances	2020	2046-2069	https://www.rsc.org/journals-books-databases/about-journals/rsc-advances/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092117623&doi=10.1039%2fd0ra06738e&partnerID=40&md5=39aff555308bce901b73525982995873	Scopus
Biological activities of pyrazoline-indole based Re(I) carbonyls: DNA interaction, antibacterial, anticancer, ROS production, lipid peroxidation, in vivo and in vitro cytotoxicity studies	Varma, R.R., Bhatt, B.S., Patel, M.N.	Department of Chemistry, Sardar Patel University, Vallabh VidyanagarGujarat 388120, India	Chemico-Biological Interactions	2020	0009-2797	https://www.journals.elsevier.com/chemico-biological-interactions	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090236014&doi=10.1016%2fj.cbi.2020.109231&partnerID=40&md5=ca0103afb0efe01558694f1230aeb2c0	Scopus
	Pandya, J.G.	Department of Biosciences, Sardar Patel University, Vallabh VidyanagarGujarat, India						

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Pentoxifylline: An Immunomodulatory Drug for the Treatment of COVID-19	H A Dhameliya, V R Thakkar, G N Trivedi, S N Mesara, R B Subramanian	Post Graduate Department of Biosciences, Centre of Advanced Study in Bioresource Technology, Sardar Patel University, Satellite Campus, Bakrol-Vadtal Road, Bakrol, Anand, Gujarat, 388 315, India	Journal of Pure and Applied Microbiology	2020	0973-7510	https://microbiologyjournal.org/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088102471&doi=10.22207%2fJPAM.14.SPL1.23&partnerID=40&md5=6d3a9b85e84e5a67fd95635ce7df3c51	Scopus
Generalized iterative method for the solution of linear and nonlinear fractional differential equations with composite fractional derivative operator	K.B.Kachhia	Department of Mathematical Sciences, P. D. Patel Institute of Applied Sciences, Charotar University of Science and Technology (CHARUSAT), Anand, Changa, Gujarat 388421, India	Journal of AIMS (American Institute of Mathematical Sciences)	2020	24736988	https://www.aimscones.org/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082675388&doi=10.3934%2fmath.2020186&partnerID=40&md5=75b779e6503e01d6800a60ed3fcf4f54	Scopus

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<p>Kitchen waste for economical amylase production using <i>Bacillus amyloliquefaciens</i> KCP2</p>	<p>Bhatt, B., Patel, K., Trivedi, U.</p>	<p>Bhatt, B., P. G. Department of Biosciences, Satellite Campus, Sardar Patel University, Bakrol-Vadtal Road, BakrolGujarat 388315, India; Prajapati, V., Aspee Shakilam Biotechnology Institute, Navsari Agricultural University, Surat, Gujarat 395007, India; Patel, K., P. G. Department of Biosciences, Satellite Campus, Sardar Patel University, Bakrol-Vadtal Road, BakrolGujarat 388315, India; Trivedi, U., P. G. Department of Biosciences, Satellite Campus, Sardar Patel University, Bakrol-Vadtal Road, BakrolGujarat</p>	<p>Biocatalysis and Agricultural Biotechnology</p>	<p>2020</p>	<p>1878-8181</p>	<p>https://www.journals.elsevier.com/biocatalysis-and-agricultural-biotechnology</p>	<p>https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085041088&doi=10.1016%2fj.bcab.2020.101654&partnerID=40&md5=20bd2f045d40acb54c7f7effa078c333</p>	<p>Scopus</p>
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	Prajapati, V.	Aspee Shakilam Biotechnology Institute, Navsari Agricultural University, Surat, Gujarat 395007, India						
Thermal decomposition study of SnSe single crystals	Patel, S., Chaki, S.H., Vinodkumar, P.C.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388120, India	European Physical Journal Plus	2020	2190-5444	https://www.springer.com/journal/13360	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087873397&doi=10.1140%2fepjp%2fs13360-020-00584-5&partnerID=40&md5=be3bea2107ba93f6e726d2576da1a150	Scopus
Enhanced lipase production from organic solvent tolerant Pseudomonas aeruginosa UKHL1 and its application in oily waste-water treatment	Patel, H., Patel, K., Trivedi, U.	Department of Biosciences, Sardar Patel University, Vadtal Road, Bakrol, Gujarat 388315, India	Biocatalysis and Agricultural Biotechnology	2020	1878-8181	https://www.journals.elsevier.com/biocatalysis-and-agricultural-biotechnology	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089754590&doi=10.1016%2fj.bcab.2020.101731&partnerID=40&md5=53a3270bf8c47202b83729ca71408b91	Scopus
	Ray, S.	Naran Lala College of Professional and Applied Sciences, Navsari, Gujarat 396450, India						
	Patel, A.	J. & J. College of Science, Nadiad, Gujarat 387001, India						

Studies on Biodegradable Polyether Ester Urethanes from Natural Resource and their Application in Coatings	Patel, R., Mishra, V., Kapatel, P., Kachhia, P., Pokiya, M.	Department of Materials Science, Sardar Patel University, Vallabh vidyanagar, Gujarat, 388120, India	Materials Today: Proceeding	2020	2214-7853	https://www.journals.elsevier.com/materials-today-proceedings	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090582837&doi=10.1016%2fj.matpr.2020.04.455&partnerID=40&md5=334a49fdc98a63fc22ea3c325d17091	Scopus
Novel carbon foam composites reinforced with carbon fiber felt developed from inexpensive pitch precursor matrix	Sharma, S., Patel, R.H.	Department of Materials Science, Sardar Patel University, India	Materials Today: Proceedings	2020	2214-7853	https://www.journals.elsevier.com/materials-today-proceedings	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083100472&doi=10.1177%2f0021998320918353&partnerID=40&md5=79159e72b04d4e04575ffde39a49d49b	Scopus
Highly-efficient solution-processed deep-red organic light-emitting diodes based on heteroleptic Ir(III) complexes with effective heterocyclic Schiff base as ancillary ligand	Prajapati, M.J., Solanki, J.D., Solanki, J.D., Surati, K.R.,	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Anand, Gujarat 388120, India	Organic Electronics	2020	1566-1199	https://www.journals.elsevier.com/organic-electronics	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089137702&doi=10.1016%2fj.orgel.2020.105885&partnerID=40&md5=481f8672aeb0edd416d63cb70cfd1d01	Scopus
	Yadav, R.A.K., Swayamprabha, S.S., Dubey, D.K., Jou, J.-H.,	Department of Materials Science and Engineering, National Tsing Hua University, Hsinchu, 30013, Taiwan						

Eco-friendly bioadsorbent-based polymer composites as a pH-responsive material for selective removal of anionic and azo dyes from aqueous solutions	Patel, S.R., Patel, M.P.	Department of Chemistry, Sardar Patel University Gujarat, India	Journal of Macromolecular Science, Part A: Pure and Applied Chemistry	2020	1060-1325	https://www.tandfonline.com/toc/lmsa20/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092772324&doi=10.1080%2f10601325.2020.1827957&partnerID=40&md5=8b22f1159dbf2cf85688e1ba75599856	Scopus
	Patel, R.H.	Department of Materials Science, Sardar Patel University Gujarat, India						
Synthesis, characterization, structural-activity relationship and biomolecular interaction studies of heteroleptic Pd(II) complexes with acetyl pyridine scaffold	Patel, N.J., Bhatt, B.S., Vekariya, P.A., Patel, M.N.	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388 120, India	Journal of Molecular Structure	2020	0022-2860	https://www.journals.elsevier.com/journal-of-molecular-structure	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087624242&doi=10.1016%2fj.molstruc.2020.128802&partnerID=40&md5=09297edb6f99b3ebbc6d676c9f12a0ec	Scopus
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	Pandya, J.	Department of Biosciences, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388 120, India						
Oxadiazole based Os(IV) compounds as potential DNA intercalator and cytotoxic agents	Pursuwani, B.H., Bhatt, B.S., Patel, M.N.	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388 120, India	Inorganic Chemistry Communications	2020	1387-7003	https://www.journals.elsevier.com/inorganic-chemistry-communications	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087492485&doi=10.1016%2fj.inoche.2020.108070&partnerID=40&md5=b3ce20350283f8013866f6c0c5c1789a	Scopus
	Vaidya, F.U., Pathak, C.	Department of Cell Biology, Indian Institute of Advanced Research, Gandhinagar, Gujarat 382 007, India						
Bipyrazole Based Novel Bimetallic μ -oxo Bridged Au(III) Complexes as Potent DNA Intercalative, Genotoxic, Anticancer, Antibacterial and Cytotoxic Agents	Kanthecha, D.N., Bhatt, B.S., Patel, M.N.	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat, 388 120, India	Journal of Inorganic and Organometallic Polymers and Materials	2020	1574-1443	https://www.springer.com/journal/10904	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085975555&doi=10.1007%2fs10904-020-01618-2&partnerID=40&md5=94fd2c0fea5dfb9ddeafb12e20157eb4	Scopus

	Raval, D.B., Thakkar, V.R.	Department of Biosciences, Sardar Patel University, Vallabh Vidyanagar, Gujarat, India;						
	Vaidya, F.U., Pathak, C.	Department of Cell Biology, School of Biological Sciences and Biotechnology, Indian Institute of Advanced Research, Koba Institutional Area, Gandhinagar, Gujarat, 382007, India						
In vitro regeneration competency of Crataeva nurvala (Buch Ham) callus	M M Kher, M Nataraj	Department of Biosciences, Sardar Patel University, Vadtal Road, Postbox No. 39, Vallabh Vidyanagar, Gujarat 388120, India	Vegetos	2020	2229-4473	https://www.springer.com/journal/42535	https://www.scopus.com/record/display.uri?eid=2-s2.0-85075364977&origin=resultslist&sort=tp-t&src=s&sid=2bd1838de16a01eb7cac1910983a8667&so=b&sd=b&sl=67&s=TITLE-ABS-KEY%28In+vitro+regeneration+competency+of+Crataeva+nurvala%29&relpos=0&citeCnt=1&searchTerm=	Scopus

<p>Micellar catalyzed hydroxylation of 1,2,3-trichloro-4,6-dinitrobenzene: Role of cationic head group–□ interaction</p>	<p>Ankita Ravani, Atindra Shukla,</p>	<p>Shah-Schulman Center for Surface Science and Nanotechnology, Dharmsinh Desai University, College Road, Nadiad, Gujarat 387 001, India</p>	<p>Journal of Molecular Liquids</p>	<p>2020</p>	<p>167-7322</p>	<p>https://www.journals.elsevier.com/journal-of-molecular-liquids</p>	<p>https://www.scopus.com/record/display.uri?eid=2-s2.0-85078168463&origin=resultslist&sort=tp-t&src=s&sid=f2ca5dfc954676c0d37ac4b7bd8dfe47&so=b&sd=b&sl=77&s=TITLE%28Micellar+catalyzed+hydroxylation+of+1%2c2%2c3-trichloro-4%2c6-dinitrobenzene%29&relpos=0&citeCnt=0&searchTerm=</p>	<p>Scopus</p>
	<p>N.V. Sastry, Manish Mishra</p>	<p>Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388 120, India</p>						
	<p>Dinesh O. Shah</p>	<p>Department of Chemical Engineering and Department of Anesthesiology, University of Florida, Gainesville, FL 32608, United States</p>						

Thermo-acoustic study of transformer oils through ultrasonic technique	Reena R. Meena, Sunil H.Chaki & Milind P.Deshpande	Department of Physics, Sardar Patel University, Gujarat, India	Petroleum Science and Technology	2020	1091-6466	https://www.tandfonline.com/toc/lpet20/current	https://www.scopus.com/record/display.uri?eid=2-s2.0-85082420544&origin=resultslist&sort=title&src=s&sid=eda2fe80b3e54f3a97ad0cb01397c136&sot=b&sdt=b&sl=89&s=TITLE%28Thermo-acoustic+++++study+++++of+transformer+oils+through+ultrasonic+technique%29&relpos=0&citeCnt=0&searchTerm=	Scopus
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Electron impact scattering study on formyl fluoride (HFCO)	T Jani, H Yadav, D Prajapati, P C Vinodkumar	Jani, T., Department of Physics, Sardar Patel University, Vallabh Vidyanagar, 388 120, India; Yadav, H., Department of Physics, Sardar Patel University, Vallabh Vidyanagar, 388 120, India, V. P. and R. P. T. P. Science College, Vallabh Vidyanagar, 388 120, India; Prajapati, D., Department of Physics, Sardar Patel University, Vallabh Vidyanagar, 388 120, India, Shree M R Arts and Science College, Rajpipla, 393 145, India; Vinodkumar, M., V. P. and R. P. T. P. Science College, Vallabh Vidyanagar, 388 120, India; Vinodkumar, P.C., Department of Physics, Sardar	Journal of Physics : Conference Series	2020	1742-6588	https://iopscience.iop.org/journal/1742-6596	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086703927&doi=10.1088%2f1742-6596%2f1412%2f18%2f182019&partnerID=40&md5=1617cd25bdf1b8fc19a3f7df62ef05df	Scopus
	M Vinodkumar	V. P. and R. P. T. P. Science College, Vallabh Vidyanagar, 388 120, India						

Theoretical investigation of dissociative electron attachment (DEA) study for halogen targets	M. Vinodkumar	V. P. and R. P. T. P. Science College, Vallabh Vidyanagar, Gujarat, 388120, India	Journal of Physics : Conference Series	2020	1742-6588	https://iopscience.iop.org/journal/1742-6596	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092163565&doi=10.1088%2f1742-6596%2f1412%2f17%2f172007&partnerID=40&md5=b4f3f3b1c4ecbefb63544dc5f8677f5b	Scopus
	H. Yadav, P.C Vinodkumar	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Gujarat, 388120, India						
	C. Limbachiya	Department of Applied Physics, M. S. University of Baroda, Vadodara, 390002, India						
Electron impact cross sections for H ₂ , HD and D ₂	D Prajapati, H Yadav, P C Vinodkumar	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, 388 120, India	Journal of Physics : Conference Series	2020	1742-6588	https://iopscience.iop.org/journal/1742-6596	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086745503&doi=10.1088%2f1742-6596%2f1412%2f18%2f182021&partnerID=40&md5=55a1504699ed0442521202fe5fb8851a	Scopus
	M Vinodkumar	V P and R P T P Science College, Vallabh Vidyanagar, 388 120, India						

Electron driven scattering studies involving diborane	H Yadav, D Prajapati, M Vinodkumar	Department of Physics, Sardar Patel University, Vallabh Vidynagar, Gujarat, 388120, India	Journal of Physics: Conference Series	2020	1742-6588	https://iopscience.iop.org/journal/1742-6596	https://www.scopus.com/record/display.uri?eid=2-s2.0-85086710104&origin=resultslist&sort=top-t&src=s&sid=d691ff76e1254442a2fd99b347e3e7d9&sot=b&sdt=b&sl=60&s=TITLE%28Electron+driven+scattering+studies+involving+diborane%29&relpos=0&citeCnt=0&searchTerm=	Scopus
	P.C. Vinodkumar	V. P. and R. P. T. P. Science College, Vallabh Vidynagar, Gujarat, 388120, India						

Temperature-dependent vibrational properties of $Sb_xSn_{1-x}Se_2$ ($x = 0, 0.1, 0.2$ & 0.3) ternary alloys	Mohit Tannarana, Pratik Pataniya, G. K. Solanki, Sanjay A. Bhakhar, K. D. Patel, and V. M. Pathak	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Anand, 388120, India	The European Physical Journal Plus (Springer)	2020	2190-5444	https://www.springer.com/journal/13360	https://www.scopus.com/record/display.uri?eid=2-s2.0-85078107694&origin=resultslist&sort=tp-t&src=s&sid=c338e58f1dbec1c6c8c8877e7f94b50c&sot=b&sdt=b&sl=66&s=TITLE%28Temperature-dependent+vibrational+properties+of+SbxSn1%e2%88%92xSe2%29&relpos=0&citeCnt=0&searchTerm=	Scopus
	Som Narayan, Prafulla K. Jha	Department of Physics, Faculty of Science, M.S. University of Baroda, Vadodara, 39000, India						
Solution-Processed Uniform $MoSe_2$ - WSe_2 Heterojunction Thin Film on Silicon Substrate for Superior and Tunable Photodetection	Alkesh B. Patel, Payal Chauhan, Kunjal Patel, Kireetkumar D. Patel, Gunvant K. Solanki, Vivek M. Pathak	Department of Physics, Sardar Patel University	ACS Sustainable Chemistry and Engineering	2020	2168-0485	https://pubs.acs.org/page/ascecg/about.html	https://pubs.acs.org/doi/10.1021/acssuschemeng.9b07449	Scopus
	Challappally Kesav Sumesh	Department of Physical Sciences, P. D. Patel Institute of Applied Science, CHARUSAT						

	Som Narayan	Department of Physics, The M. S. University of Baroda, Pratapgunj, Vadodar						
	Prafulla K. Jha; Vikas Patel	Sophisticated Instrumentation Centre for Applied Research and Testing (SICART)						
Synthesis and Photodetection Properties of Sonochemically Exfoliated $\text{Cu}_{0.2}\text{Sn}_{0.8}\text{Se}$ Nanoparticles	Kunjal Patel, G.K. Solanki, K.D. Patel, V.M. Pathak, Payal Chauhan and Anand Patel	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Gujarat, 388120, India	Journal of Nano and Electronic Physics	2020	2077-6772	https://jnep.sumdu.edu.ua/en/component/main/about	https://www.scopus.com/record/display.uri?eid=2-s2.0-85085750641&origin=resultslist&sort=tp-t&src=s&sid=5dc55ede5bd38b77a66b2f9793ea640c&sot=b&sdt=b&sl=102&s=TITLE%28Synthesis+and+Photodetection+Properties+of+Sonochemically+Exfoliated+Cu0.2Sn0.8Se+Nanoparticles%29&relpos=0&citeContent=2&searchTerm=	Scopus
Effect of nano-inclusions of RE-211 (RE= Y, Nd, Sm, Gd) on critical current density in high Tc $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ (123)	Nitu Katariya	Shri vaishnav Vidyapeeth vishwavidyalaya, Indore	AIP Conference Proceedings	2020	1551-7616	https://aip.scitation.org/journal/apc	https://aip.scitation.org/doi/10.1063/5.0001150	Scopus
	LS Sharath Chandra	Raja Ramanna Center of Advance Technology, Indore						

	Swati Pandya	Department of Physics, Sardar Patel University						
	Bhavana Singh	Jabalpur Engg. College, Jabalpur						
	SB Shrivastava	School of Studies in Physics, Vikram University, Ujjain						
	V Ganesan	UGC-DAE, Consortium for scientific research, Indore						
Three Economical Life Test Acceptance Sampling Plans	Jyoti Divecha & D. P. Raykundaliya	Department of Statistics, Sardar Patel University, Vallabh Vidyangar, Gujarat, India	Communications in Statistics - Simulation and Computation	2020	0361-0918	https://www.tandfonline.com/toc/lssp20/current	https://www.scopus.com/record/display.uri?eid=2-s2.0-85078478689&origin=resultslist&sort=tp-t&src=s&sid=b05009aa2dd0a3388327213fd92e3d66&sot=b&sdt=b&sl=59&s=TITLE%28Three+Economical+Life+Test+Acceptance+Sampling+Plans%29&replpos=0&citeCnt=0&searchTerm=	Scopus

BSM model for ML-Payoff Function Through PDTM	S J Ghevariya	Department of Mathematics, Sardar Patel University, Vallabh Vidyanagar, Anand, Gujarat, 388120, India	Asian-European Journal of Mathematics	2020	1793-5571	https://www.worldscientific.com/worldscinet/aejm	https://www.scopus.com/record/display.uri?eid=2-s2.0-85052631348&origin=resultslist&sort=tp-t&src=s&sid=acd9857c99899d4403ef95c209126021&sot=b&sdt=b&sl=52&s=TITLE%28BSM+model+for+ML-Payoff+Function+Through+PDTM%29&relpos=0&citeCnt=0&searchTerm=	Scopus
Integration Of Balanced Scorecard And Analytical Hierarchy Process As A Tool For Determining The Priority Of The Program Strategy: A Case Study Of Ahmadabad Civil Hospital	Dr. Ankur Amin	DEPARTMENT OF BUSINESS STUDIES	Studies in Indian Place Names	2020	2394-3114	https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList (Discontinued from April 2020)	1597.pdf	UGC CARE
Deciding World's best T20 squad by using Analytical Hierarchy Process (AHP)	Dr. Ankur Amin	DEPARTMENT OF BUSINESS STUDIES	SEMCOM Management & Technology Review	2020	2321-5968	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101001105&flag=Search	1598.pdf	UGC CARE
An Impact of Capital Structure on Profitability of Selected Hotel Chains in India	Dr. Kamini Shah	DEPARTMENT OF BUSINESS STUDIES	SEMCOM Management & Technology Review	2020	2321-5968	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101001105&flag=Search	1599.pdf	UGC CARE
Non-Performing Assets : A Termite for the Growth of Banks	Dr. Kamini Shah	DEPARTMENT OF BUSINESS STUDIES	SEMCOM Management & Technology Review	2020	2321-5968	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101001105&flag=Search	1600.pdf	UGC CARE

Determinants of Adoption of Mobile Banking : A Structural Equation Modeling approach	Dr. Kamini Shah	DEPARTMENT OF BUSINESS STUDIES	The Indian Journal of Commerce	2020	0019-512X	https://ugccare.unipu ne.ac.in/Apps1/User/ WebA/ViewDetails? JournalId=10100123 9&flag=Search	1601.pdf	UGC CARE
Contribution of vernacular language collection in building the National Digital Library: A study of Gujarati collection	Lavji N. Zala	DEPARTMENT OF LIBRARY & INFORMATION SCIENCE	SRELS Journal of Information Management	2020	0972-2467	https://ugccare.unipu ne.ac.in/Apps1/User/ WebA/ViewDetails? JournalId=10100111 3&flag=Search	1602.pdf	UGC CARE
Historian R.K.Mukharjee	V.R. Patel	DEPARTMENT OF HISTORY	Studies in Indian Place Names	2020	2394-3114	https://ugccare.unipu ne.ac.in/Apps1/User/ WebA/SearchList (Discontinued from April 2020)	1603.pdf	UGC CARE
Preparation and Tryout of Language Enrichment programme to enhance writing skill of secondary level students	Amrita J.Marshal & Anuj Dabhi	DEPARTMENT OF EDUCATION	Studies in Indian Place Names	2020	2394-3114	https://ugccare.unipu ne.ac.in/Apps1/User/ WebA/SearchList (Discontinued from April 2020)	1604.pdf	UGC CARE
The Contemporary Relevance of Gandhian Thought of New Education (Nai Talim)	Dr. Arpit L. Patadiya	DEPARTMENT OF POLITICAL SCIENCE	Studies in Indian Place Names	2020	2394-3114	https://ugccare.unipu ne.ac.in/Apps1/User/ WebA/SearchList (Discontinued from April 2020)	1605.pdf	UGC CARE
A Study on Political Awareness among the Students of Selected Post Graduate Dept. of S. P. University	Dr. Arpit L. Patadiya	DEPARTMENT OF POLITICAL SCIENCE	Parishodh	2020	2347-6648	https://ugccare.unipu ne.ac.in/Apps1/User/ WebA/SearchList (Discontinued from April 2020)	1606.pdf	UGC CARE

Barriers Faced by Persons with Disabilities in Formal Employment in India	Dr Mrs. Bigi Thomas	DEPARTMENT OF SOCIAL WORK	Disability CBR & Inclusive Development	2020	2211-5242	https://dcidj.org/	https://www.scopus.com/record/display.uri?eid=2-s2.0-85079696199&origin=resultslist&sort=tpt&src=s&sid=dd1266e8dc60c5101ab715a809aeac82&so=b&sdt=b&sl=80&s=TITLE%28Barriers+Faced+by+Persons+with+Disabilities+in+Formal+Employment+in+India%29&relpos=0&citeCnt=0&searchTerm=	Scopus
Ek Apragat Fagu	Sudha Chauhan	DEPARTMENT OF GUJARATI	Shabda Shrushti	2020	2319-3220	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101000630&flag=Search	1608.pdf	UGC CARE
Myth mathi pragatatu pratiksha nu pratibimb : ‘ Antim Yuddh’	Rajeshvari Patel	DEPARTMENT OF GUJARATI	Shabdsar	2020	2249-2933	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101024257&flag=Search	1609.pdf	UGC CARE
Megh-Sangeet ni Pattbhoomi par virahsundar ane yatharth roop : ‘Aashhadh ka ek Din’	Rajeshvari Patel	DEPARTMENT OF GUJARATI	Parab	2020	1566-1199	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101000635&flag=Search	1610.pdf	UGC CARE

Bhartiya Pura Katha Aadharit pratham film – 'Raja Harishchandra'	Rajeshvari Patel	- DEPARTMENT OF GUJARATI	Sahityasetu	2020	2249-2372	https://ugccare.unipu ne.ac.in/Apps1/User/WebA/SearchList (Discontinued from Jan 2022)	1611.pdf	UGC CARE
A study on impact of life style orientation for online shopping continuance	Bhavesh Solanki, Raju Rathod	- Department of MBA	SECOM Management & Technology Review	2020	2321-5968	https://ugccare.unipu ne.ac.in/Apps1/User/WebA/ViewDetails? JournalId=10100110 5&flag=Search	1612.pdf	UGC CARE
Tribal art of Gujarat: Pithorakala in a special context	Shailesh B. Solanki	- DEPARTMENT OF HISTORY	Studies in Indian Place Names	2020	2394-3114	https://ugccare.unipu ne.ac.in/Apps1/User/WebA/SearchList (Discontinued from April 2020)	1613.pdf	UGC CARE
Mahatma Gandh ki Bhasha Soch aur Rajbhasha Hindi	Dayashankar	- DEPARTMENT OF HINDI	SAMANVAY – Paschim	2020	2582-0907	https://ugccare.unipu ne.ac.in/Apps1/User/WebA/ViewDetails? JournalId=10102423 8&flag=Search	1614.pdf	UGC CARE
Gandhi teri aaj bhi jarurat hein	Dilip Mahera	- DEPARTMENT OF HINDI	SAMANVAY – Paschim	2020	2582-0907	https://ugccare.unipu ne.ac.in/Apps1/User/WebA/ViewDetails? JournalId=10102423 8&flag=Search	1615.pdf	UGC CARE
Gandhiji aur Bharatiya Samaj	Anila Mishra	- DEPARTMENT OF HINDI	SAMANVAY – Paschim	2020	2582-0907	https://ugccare.unipu ne.ac.in/Apps1/User/WebA/ViewDetails? JournalId=10102423 8&flag=Search	1616.pdf	UGC CARE
Protective coatings and characterization of coal tar pitch matrix based carbon-carbon composites	S. Sharma, R.H. Patel	- DEPARTMENT OF MATERIAL SCIENCE	AIP Conference Proceedings	2020	1551-7616	https://aip.scitation.org/journal/apc	1617.pdf	Scopus

Studies of flame-retardant and mechanical properties of phosphorous based acrylated epoxy resin	V.R. Sevkani, V.K. Mishra, R.H. Patel	DEPARTMENT OF MATERIAL SCIENCE	AIP Conference Proceedings	2020	1551-7616	https://aip.scitation.org/journal/apc	1618.pdf	Scopus
Preparation and characterization of carbon foam from castor oil cake	R.H. Patel, P.H. Kachhia, A.J. Devpura, C.B. Patel	DEPARTMENT OF MATERIAL SCIENCE	AIP Conference Proceedings	2020	1551-7616	https://aip.scitation.org/doi/abs/10.1063/5.0002241	1619.pdf	Scopus
One-pot synthesis of polyurethane and its nanocomposites	Rashmika H. Patel, Vijayalaxmi Mishra, Meet Vasoya, Prasidh, Padsala	DEPARTMENT OF MATERIAL SCIENCE	AIP Conference Proceedings	2020	1551-7616	https://aip.scitation.org/doi/abs/10.1063/5.0002241	1620.pdf	Scopus
Low energy electron interactions with Iodine molecule (I ₂)	Yadav, H., Vinodkumar, P.C.,	DEPARTMENT OF PHYSICS	Journal of Quantitative Spectroscopy and Radiative Transfer	2020	0022-4073	https://www.science-direct.com/journal/journal-of-quantitative-spectroscopy-and-radiative-transfer	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084292308&doi=10.1016%2fj.jqsrt.2020.107035&partnerID=40&md5=3bc740e865fd26370f38de32e621e3f3	Scopus
	Vinodkumar, M.	Electronics Department, V.P. & R.P.T.P. Science College						
	Limbachiya, C.	Department of Applied Physics, The M. S. University of Baroda						
	Mason, N.J.	School of Physical Sciences, University of Kent, United Kingdom						

Masses of tetraquark states in the hidden charm sector above $D\bar{c}\bar{c}D$ threshold	Bhavsar, T., Vinodkumar, P.C.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388120, India	Nuclear Physics A	2020	0375-9474	https://www.science-direct.com/journal/nuclear-physics-a	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083655144&doi=10.1016%2fj.nuclphysa.2020.121856&partnerID=40&md5=6ab84f3a5b700bcb0a6682b838f43132	Scopus
	Shah, M.	P. D. Patel Institute of Applied Sciences, CHARUSAT, Changa, 388421, India						
	Patel, S.	Government Science College, Songadh, 394670, India						
Scattering study of electron impact with Halomethane (CH ₃ X, X = F, Cl, Br, I)	Hitesh Yadav, , P.C. Vinodkumar	DEPARTMENT OF PHYSICS	AIP Conference Proceedins	2020	1551-7616	https://aip.scitation.org/journal/apc	https://aip.scitation.org/doi/10.1063/5.0001274	Scopus
	Minakshi Vinodkumar	Electronics Department, V. P. & R. P. T. P. Science College, Vallabh Vidyanga						

Structure Factor and Phonon Dispersion in Liquid Pb-Li Eutectic	Khambholja, S.G., Mehta, D.P.	Department of Science & Humanities, B & B Institute of Technology, Vallabh Vidyanagar, Gujarat 388120, India	Transactions of the Indian Institute of Metals	2020	0972-2815	https://www.springer.com/journal/12666	https://www.scopus.com/record/display.uri?eid=2-s2.0-85074637711&origin=resultslist&sort=tpt&src=s&sid=e9ac1a857d5b5c6c2195c7709c109f39&sot=b&sdt=b&sl=55&s=TITLE%28Structure+Factor+and+Phonon+Dispersion+in+Liquid%29&relpos=4&citeCnt=1&searchTerm=	Scopus
	Abhishek, A.	Institute of Plasma Research, Gandhinagar, Gujarat 382016, India						
	Thakore, B.Y.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388120, India						

Cadmium complex of sulfathiazole dihydrate with secondary ligand pyridine: structure, DFT studies, Hirshfeld surface analysis and antimicrobial activity	Rahul Dubey, U.H. Patel, S.B. Pandya, K.P. Chaudhary, B.N. Socha	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388 120, India	Indian Journal of Physics	2020	0973-1458	https://www.springer.com/journal/12648	https://www.scopus.com/record/display.uri?eid=2-s2.0-85077752178&origin=resultslist&sort=tpt&src=s&sid=cee6cfac3edadc7e783d0c285837b031&sot=b&sdt=b&sl=80&s=TITLE%28Cadmium+complex+of+sulfathiazole+dihydrate+with+secondary+ligand+pyridine%29&relpos=0&citeCnt=4&searchTerm=	Scopus
Extreme Vertices Designs for Multi-Component Constrained Mixture Experiments Using Simplex Method	Chhaya Sonar	Department of Statistics, Dr. B. A. M. University, Aurangabad, 431 004, India;	INTERNATIONAL JOURNAL OF AGRICULTURAL AND STATISTICAL SCIENCES	2020	0973-1903	https://www.connectjournals.com/ijass	https://www.scopus.com/record/display.uri?eid=2-s2.0-85090433835&origin=resultslist&sort=tpt&src=s&sid=59e00cd4ef108f84993f9b8e28660c1c&sot=b&sdt=b&sl=104&s=TITLE%28Extreme+Vertices+Designs+for+Multi-Component+Constrained+Mixture+Experiments+Using+Simplex+Method%29&relpos=0&citeCnt=0&searchTerm=	Scopus

	Jyoti Rajarajan	Department of Statistics, Sardar Patel University, Anand, 388 120, India						
Synthesis, photoluminescence, solvatochromism and theoretical study of heteroleptic Zn(II) metal complexes	Solanki, J.D., Surati, K.R.	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Anand, 388120, India	Materials Today: Proceedings	2020	2214-7853	https://www.journals.elsevier.com/materials-today-proceedings	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090582373&doi=10.1016%2fj.matpr.2020.04.596&partnerID=40&md5=4ea80db0a6b0689620f6684964285d9a	Scopus
Cell apoptosis induced by ciprofloxacin based Cu(II) complexes: cytotoxicity, SOD mimic and antibacterial studies	Bhatt, B.S.,	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, India	Journal of Biomolecular Structure and Dynamics	2020	0739-1102	https://www.tandfonline.com/toc/tbsd20/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087007069&doi=10.1080%2f07391102.2020.1776641&partnerID=40&md5=c3f3e83c4b7896d0e799dc20e9882529	Scopus
	Vaidya, F.U., Pathak, C.	Department of Cell Biology, School of Biological Sciences and Biotechnology, Indian Institute of Advanced Research, Gandhinagar, India						
	Gandhi, D.H., Patel, T.N.	Department of Chemistry, C. U. Shah University, Wadhwan city, India						

An assesment of Nadiad Municipality - A trenb analysis of income and expenditure	Vijay S. Jariwala	DEPARTMENT OF ECONOMICS	Shodh Sanchar Bulletin	2020	2229-3620	http://seresearchfoundation.in/shodhsancharbulletin/	1640.pdf	UGC CARE
Trends in annual seminar papers of Ahmedabad Library Network: A bibliometric analysis	Shanti P Chaudhary, Shishirkumar H. Mandalia	DEPARTMENT OF LIBRARY & INFORMATION SCIENCE	Library Philosophy and Practice (e-journal)	2020	1522-0222	https://digitalcommons.unl.edu/libphilprac/	https://www.scopus.com/record/display.uri?eid=2-s2.0-85102091585&origin=resultslist&sort=tp-t&src=s&sid=7d534d480dce885b88ea5976bdc68e28&sot=b&sdt=b&sl=92&s=TITLE%28Trends+in+annual+seminar+papers+of+Ahmedabad+Library+Network%3a+A+bibliometric+analysis%29&relops=0&citeCnt=5&searchTerm=	Scopus

Current trends of Information seeking behaviour of fishermen of Indian coastal area	Ketan Joshi, Shishirkumar H. Mandalia	DEPARTMENT OF LIBRARY & INFORMATION SCIENCE	Library Philosophy and Practice (e- journal)	2020	1522-0222	https://digitalcommons.unl.edu/libphilprac/	https://www.scopus.com/record/display.uri?eid=2-s2.0-85098142388&origin=resultslist&sort=tp-t&src=s&sid=1e4a69dd896b746346e9d16c51778b3a&sot=b&sdt=b&sl=90&s=TITLE%28Current+trends+of+Information+seeking+behaviour+of+fishermen+of+Indian+coastal+area%29&relpos=0&citeCnt=0&searchTerm=	Scopus
Some remarks on the Fourier coefficients of cusp forms	Kumar, B.	Department of Mathematics, Indian Institute of Technology Ropar, Rupnagar, Punjab, 140 001, India	International Journal of Number Theory	2020	1793-0421	https://www.worldscientific.com/worldscinet/ijnt	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088936227&doi=10.1142%2fS1793042120500992&partnerID=40&md5=1cf7b6f0d4c0f3cd1465bf58d3eb5b4f	Scopus
	Mehta, J.	Department of Mathematics, Sardar Patel University, Vallabh Vidyanagar, Gujarat, 388 120, India						

	Viswanadham, G.K.	Department of Mathematics, Iiser Berhampur, Berhampur, Odisha, 600 113, India						
Fractional calculus and applications of family of extended generalized Gauss hypergeometric functions	Chand, M.	Department of Mathematics Baba Farid College, Bathinda-, 151001, India	Discrete and Continuous Dynamical Systems - Series S	2020	1937-1632	https://www.aimscones.org/journal/1937-1632	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078919031&doi=10.3934%2fdcdss.2020030&partnerID=40&md5=5da81cc716c6218bdf3bb951d88eade3	Scopus
	Prajapati, J.C.	Post Graduate Department of Mathematics, Sardar Patel University, Vallabh Vidyanagar, 388120, India						
	Bonyah, E.	Department of Mathematics Education, University of Education Winneba, Kumasi Campus, Ghana						
	Bansal, J.K.	Department of Applied Sciences, Guru Kashi University, Bathinda, 1513002, India						

A comparative study of credit risk management of selected public and private sector banks in India	Kamini Shah, Utkarsh Amaravat	DEPARTMENT OF BUSINESS STUDIES	Shodh Sanchar Bulletin	2020	2229-3620	https://ugccare.unipu.ac.in/Apps1/User/WebA/SearchList (Discontinued from April 2021)	1650.pdf	UGC CARE
EVALUATION OF BACTERIOCIN PURIFIED FROM POTENT LYSINIBACILLUS SPHAERICUS MK788143 ISOLATED FROM INFANT FAECAL.	Raval, Vishakha; Patel, Jatin; Raol, Gopalkumar; Bhavsar, Nirav; Surati, Viral; Gopani, Yogesh; Joshi, Ishita; Jha, Rupesh;; Vaidya, Yati	Department of Microbiology , Shri A. N. Patel PG Institute of Science and Research, Anand	Journal of Advanced Scientific Research	2020	0976-9595	https://ugccare.unipu.ac.in/Apps1/User/WebA/SearchList (Discontinued from Jan 2022)	1651.pdf	UGC CARE
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Temperature-dependent vibrational properties of DVT grown orthorhombic SnS single crystals and their application as a self-powered photodetector	Jethwa, V.P., Patel, K., Pathak, V.M., Patel, K.D., Solanki, G.K.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388120, India	Applied Surface Science	2020	0169-4332	https://www.journals.elsevier.com/applied-surface-science	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088918889&doi=10.1016%2fj.apsusc.2020.147406&partnerID=40&md5=7f7a5579331dd53f40e378b57187ccc1	Scopus
	Som, N., Jha, P.K.	Department of Physics, Faculty of Science, M. S. University of Baroda, Vadodara, 390002, India						

Theoretical investigation of electron impact on formyl fluoride (HFCO)	Jani, T., Yadav, H., Prajapati, D., Vinodkumar, P.C.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar 388 120, India	Radiation Physics and Chemistry	2020	0969-806X	https://www.journals.elsevier.com/radiation-physics-and-chemistry	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088644581&doi=10.1016%2fj.radphyschem.2020.109098&partnerID=40&md5=4f6f5cd1b288c0591d02fabcd462428e	Scopus
	Vinodkumar, M.	V. P. & R. P. T. P. Science College, Vallabh Vidyanagar 388 120, India						
Investigation of anisotropic photoresponse in Re _{0.2} Sn _{0.8} Se ₂ ternary alloy at low temperature conditions	Chauhan, P., Patel, A.B., Patel, K., Patel, A., Solanki, G.K., Patel, K.D., Pathak, V.M.	Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388120, India	Journal of Materials Science: Materials in Electronics	2020	0957-4522	https://www.springer.com/journal/10854	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085604419&doi=10.1007%2fs10854-020-03661-8&partnerID=40&md5=aa437d319b2921fd8501940b34e15bbd	Scopus
Investigation on Fabrication and Properties of Natural Fiber Reinforced Melamine Formaldehyde Matrix Composites	Patel, R.H., Sharma, S., Patel, S.J., Singh, S.	Department of Materials Science, Sardar Patel University, Vallabh Vidyanagar, Anand, Gujarat 380012, India	Materials Today: Proceedings	2020	2214-7853	https://www.journals.elsevier.com/materials-today-proceedings	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090582510&doi=10.1016%2fj.matpr.2020.04.452&partnerID=40&md5=7d85b16f37194cc1a2f68918dbc2d1e2	Scopus

Comparative study on the carbon-carbon composites developed from petroleum pitch, coal tar pitch, and their mixture	Sharma, S., Patel, R.H., Patel, B.K.	Department of Materials Science, Sardar Patel University, India	Journal of Composite Materials	2020	0021-9983	https://journals.sagepub.com/home/jcm	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082954567&doi=10.1177%2f0021998320914068&partnerID=40&md5=dd2b03bde89cfe8beb71236fbf734b22	Scopus
Processing and characterizations: Effect of PPG molecular weight on properties of phosphate based polyurethanes	Mishra, V.K., Patel, R.H.	Department of Materials Science, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388120, India	Progress in Organic Coatings	2020	0300-9440	https://www.journals.elsevier.com/progress-in-organic-coatings	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087933562&doi=10.1016%2fj.porgcoat.2020.105868&partnerID=40&md5=1b5e23fbe29e5a068aa661dc58da505	Scopus
Catalytic activity of Mg-Al hydrotalcites and derived mixed oxides for imination reactions via an oxidative-dehydrogenation mechanism	Vala, N., Joshi, P.A.	Department of Chemical Engineering, Faculty of Technology & Shah-Schulman Center for Surface Science and Nanotechnology, Dharmsinh Desai University, College Road, Nadiad, Gujarat 387 001, India	New Journal of Chemistry	2020	1144-0546	https://pubs.rsc.org/en/journals/journalissues/nj#!recentarticles	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085736155&doi=10.1039%2fc9nj06096k&partnerID=40&md5=1bf483e3ec78ff68d0d349fbcba3eda	Scopus

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Self-Assembled Solid-State Gel Catholyte Combating Iodide Diffusion and Self-Discharge for a Stable Flexible Aqueous Zn ²⁺ /I ⁻ Battery	Sonigara, K.K., Machhi, H.K., Soni, S.S.	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388120, India	Advanced Energy Materials	2020	1614-6840	https://onlinelibrary.wiley.com/journal/16146840	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097007993&doi=10.1002%2faenm.202001997&partnerID=40&md5=b2d7c781e71d93dd8f3244909dfed8bf	Scopus
	Zhao, J., Cui, G.	Qingdao Industrial Energy Storage Research Institute, Qingdao Institute of Bioenergy and Bioprocess Technology, Chinese Academy of Sciences, Qingdao, 266101, China						
Organic Ionic Plastic Crystals as Hole Transporting Layer for Stable and Efficient Perovskite Solar Cells	Sonigara K.K., Prasad J., Machhi, H.K., Soni, S.S.	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388 120, India	Indian Journal of Natural Products and Resources	2020	0976-0504	http://op.niscair.res.in/index.php/IJNPR	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078594321&partnerID=40&md5=0a8398c1e76193d0ad025d4b2702c8d6	Scopus

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Borrowing hydrogen activity of NH ₂ -MIL-125 for N-alkylation of amines with alcohols under solvent and base free condition	Patel, N.B., Mishra, M.K.	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat 388 120, India	Catalysis Communications	2020	1566-7367	https://www.sciencedirect.com/journal/catalysis-communications	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087033807&doi=10.1016%2fj.catcom.2020.106085&partnerID=40&md5=d16a1e2a7d006ebc1cc4852467db8b14	Scopus
	Vala, N., Shukla, A.	Shah-Schulman Center for Surface Science and Nanotechnology, Dharmsinh Desai University, College Road, Nadiad, Gujarat 387 001, India						

	Neogi, S.	Department of Inorganic Materials and Catalysis, Central Salt and Marine Chemicals Research Institute (CSMCRI), Council of Scientific and Industrial Research (CSIR), GB Marg, Bhavnagar, Gujarat 364002, India;						
Yellowish-orange phosphorescent iridium(III) complexes of bis-cyclometalated ligand with pyrazolone derivatives: synthesis, characterization, photophysical and thermal properties	Prajapati, M.J., Solanki, J.D., Machhi, H.K., Soni, S.S., Surati, K.R.	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Anand, Gujarat 388120, India	Journal of Materials Science: Materials in Electronics	2020	0957-4522	https://www.springer.com/journal/10854	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087784822&doi=10.1007%2fs10854-020-03937-z&partnerID=40&md5=4261d936284e663890660802c262b34d	Scopus
	Sen, P.	Department of Chemistry, Indian Institute of Technology Kanpur, Kanpur, UP 208016, India						

Synthesis, characterization and biological application of pyrazolo[1,5-a]pyrimidine based organometallic Re(I) complexes	Varma, R.R., Bhatt, B.S., Patel, M.N.	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat, 388 120, India	Acta Chimica Slovenica	2020	1318-020	https://acta.chem-soc.si/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085640120&doi=10.1039%2fd0ra02990d&partnerID=40&md5=eeb79e9dd996ade59a7af6711181980b	Scopus
	Pandya, J.G.	Varma, R.R., Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat, 388 120, India; Pandya, J.G.,						
	Vaidya, F.U., Pathak, C.	Department of Cell Biology, School of Biological Sciences and Biotechnology, Indian Institute of Advanced Research, Koba Institutional Area, Gandhinagar, Gujarat, 382007, India						
A study on new development in the field of (Direct-To-Home) DTH technology : Indian scenario	Khushboo Jariwala, Hitesh Parmar	Department of MBA	Shodh Sarita	2020	2348-2397	https://ugccare.unipu.ac.in/Apps1/User/WebA/SearchList (Discontinued from April 2021)	1675.pdf	UGC CARE

Factors influencing graduate job choice - a systematic literature review	Purohit, D., Jayswal, M., Muduli, A.	Department of MBA	European Journal of Training and Development	2020	2046-9012	https://www.emerald.com/insight/publication/issn/2046-9012	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092708570&doi=10.1108%2fEJTD-06-2020-0101&partnerID=40&md5=11291237f303aa58f82c4ad71159ca05	Scopus
Leadership pivotal to productivity enhancement for 21st century Indian higher education system	Vedvyas J. Dwivedi, Yogesh C Joshi	Department of MBA	International Journal of Higher Education	2020	1927-6044	https://www.sciedupress.com/journal/index.php/ijhe	https://www.scopus.com/record/display.uri?eid=2-s2.0-85079608159&origin=resultslist&sort=plf&src=s&st1=Leadership+pivotal+to+productivity+enhancement&sid=aa2b766a3cc64b1f92c2cc7f2e2a6438&soot=b&sd=b&sl=61&s=TITLE-ABS-KEY%28Leadership+pivotal+to+productivity+enhancement%29&relpos=0&citeCnt=1&searchTerm=&featureToggles=FEATURE_NEW_DOC_DETAILS_EXPORT:1	Scopus

A method of constructing test for the parameter of family of lifetime distributions under Type-II censored sample	Shanubhogue A., Desai R.G.	Department of Statistics	Communications in Statistics - Theory and Methods	2020	0361-0926	https://www.tandfonline.com/toc/lsta20/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063388215&doi=10.1080%2f03610926.2019.1586944&partnerID=40&md5=1dbe6d201ba0f0b60d346abf3ba18f57	Scopus
A review on the novel coronavirus disease based on in-silico analysis of various drugs and target proteins	Trivedi G.N., Dhameliya H.A., Panchal H.	Department of Biosciences	Journal of Pure and Applied Microbiology	2020	0973-7510	https://microbiologyjournal.org/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088138733&doi=10.22207%2fJPAM.14.SPL1.22&partnerID=40&md5=d610cc7b4b770e97984eea4231b70008	Scopus
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Adsorptive abatement of ciprofloxacin using NiFe ₂ O ₄ nanoparticles incorporated into G. ghatti-cl-P(AAm) nanocomposites hydrogel: isotherm, kinetic, and thermodynamic studies	Gor A.H., .	Department of Chemistry, K S K V Kachchh University, Mundra Road, Bhuj	Polymer Bulletin	2020	0170-0839	https://www.springer.com/journal/289	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075999265&doi=10.1007%2fs00289-019-03032-2&partnerID=40&md5=e866e5ac0f60d079f20ab40daafd41b4	Scopus
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Around the Lipschitz Summation Formula	Li W., Li H.,	Science and Technology Research Institute, Sanmenxia, Henan	Mathematical Problems in Engineering	2020	1024-123X	https://www.hindawi.com/journals/mpe/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084431836&doi=10.1155%2f2020%2f5762823&partnerID=40&md5=e4073e9ace8072a5fdda5f5ea002a43d	Scopus
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Arylidene analogues as selective COX-2 inhibitors: synthesis, characterization, in silico and in vitro studies	Namera D.L., ,	Center of Excellence, NFDD Complex, Department of Chemistry, Saurashtra University	Journal of Biomolecular Structure and Dynamics	2020	0739-1102	https://www.tandfonline.com/toc/tbsd20/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089511660&doi=10.1080%2f07391102.2020.1806109&partnerID=40&md5=d414d0a0874c39cf34d21c40223824f8	Scopus
	Thakkar S.S.	P.D. Patel Institute of Applied Sciences, Charotar University of Science and Technology, Changa						
	Thakor P.,	Department of Biosciences						
	Bhoya U.,	Department of Chemistry, Saurashtra University, Rajkot						

	Shah A.	Center of Excellence, NFDD Complex, Department of Chemistry, Saurashtra University, Rajkot						
Automatic multiclass document classification of hindi poems using machine learning techniques	Pal K.,	Sarvajanik College of Engineering Technology, Gujarat, Surat	2020 International Conference for Emerging Technology, INCET 2020	2020	978-172816221-8	https://ieeexplore.ieee.org/xpl/conhome/9145687/proceeding	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090582807&doi=10.1109%2fINCET49848.2020.9154001&partnerID=40&md5=15da0457fe89afacbc9a16a40233dd28	Scopus
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Biochemical and Molecular Characterization of Lactic Acid Bacteria (LAB) Isolated from Fermented Pulses	Dhameliya H.A., Mesara S.N., Mali H., Shah C., Subramanian R.B.	Department of Biosciences	Iranian Journal of Science and Technology, Transaction A: Science	2020	1028-6276	https://www.springer.com/journal/40995	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088579607&doi=10.1007%2fs40995-020-00934-z&partnerID=40&md5=bde4420e521f8244a38c4f430d847e16	Scopus

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	Amin S.,	P. D. Patel Institute of Applied Sciences, Charotar University of Science and Technology, Charusat Campus, Changa						
Combined experimental and computational studies on molecular structure of nickel complex of 4-amino-N-(1, 3-thiazol-2-yl) benzenesulfonamide with coordinated pyridine	Pandya S.B., Socha B.N., Chaudhary K.P., Dubey R.P., Chavda B.R., Patel U.H.,	Department of Physics	Inorganic and Nano-Metal Chemistry	2020	2470-1556	https://www.tandfonline.com/toc/lrst21/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095777435&doi=10.1080%2f24701556.2020.1835965&partnerID=40&md5=c978471537467582d83d9f654f17b1f6	Scopus
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Complete genome sequencing and comparative genome characterization of the lignocellulosic biomass degrading bacterium <i>Pseudomonas stutzeri</i> MP4687 from cattle rumen	Patel M., Dave S.	Department of Biotechnology, Hemchandracharya North Gujarat University, Patan	Biotechnology Reports	2020	2215-017X	https://www.journals.elsevier.com/biotechnology-reports	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090754615&doi=10.1016%2fj.btre.2020.e00530&partnerID=40&md5=61820ebf53dc11e8b911422e04bb902e	Scopus
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Cyanobacterial pigment protein allophycocyanin exhibits longevity and reduces A β -mediated paralysis in <i>C. elegans</i> : complicity of FOXO and NRF2 ortholog DAF-16 and SKN-1	Chaubey M.G., ,	Department of Biotechnology, Shree A. N. Patel PG Institute of Science and Research, Sardar Patel University	3 Biotech	2020	2190-5738	https://www.springer.com/journal/13205	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087389351&doi=10.1007%2fs13205-020-02314-1&partnerID=40&md5=5cf1e6ae7d2da9b9ec72cc75be409cb3	Scopus
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	Singh N.K.	Department of Biotechnology, Shree A. N. Patel PG Institute of Science and Research, Sardar Patel University						

Data Classification with k-fold Cross Validation and Holdout Accuracy Estimation Methods with 5 Different Machine Learning Techniques	Pal K.,	Sarvajanik College of Engineering Technology, Surat	Proceedings of the 4th International Conference on Computing Methodologies and Communication, ICCMC 2020	2020	978-172814889-2	https://ieeexplore.ieee.org/xpl/conhome/9070072/proceeding	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084649741&doi=10.1109%2fICCMC48092.2020.ICCMC-00016&partnerID=40&md5=9b8c8e10558c7e7a40bfdee63557b08f	Scopus
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Decoding social behaviors in a glycerol dependent bacterial consortium during Reactive Blue 28 degradation	Nanjani S., Rawal K., Keharia H.	Department of Biosciences	Brazilian Journal of Microbiology	2020	1517-8382	https://www.springer.com/journal/42770	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085902975&doi=10.1007%2fs42770-020-00303-3&partnerID=40&md5=4f8e0b4cb40f8e1beb8586d693f2aa27	Scopus
Degradation and Toxicity Analysis of a Reactive Textile Diazo Dye-Direct Red 81 by Newly Isolated Bacillus sp. DMS2	Amin S., Rastogi R.P., , Jain K., , Madamwar D.	Department of Biosciences	Frontiers in Microbiology	2020	1664-302X	https://www.frontiersin.org/journals/microbiology	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092196374&doi=10.3389%2ffmicb.2020.576680&partnerID=40&md5=faf49b539e53473a0780b304b6581c6e	Scopus

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Design and development of dithienopyrrolobenzothiadiazole (DTPBT)-based rigid conjugated polymers with improved hole mobilities	Bhanvadia V.J., , Patel A.L.	Department of Chemistry, Faculty of Science, The Maharaja Sayajirao University of Baroda	Polymer	2020	0032-3861	https://www.journals.elsevier.com/polymer	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092179243&doi=10.1016%2fj.polymer.2020.123089&partnerID=40&md5=5c5a6ae3bcf528e605ddea94551ece7d	Scopus
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	Zade S.S.,	Department of Chemical Sciences, Indian Institute of Science Education and Research (IISER) Kolkata						

Determination of bioethanol production potential from lignocellulosic biomass using novel Cel-5m isolated from cow rumen metagenome	Patel M., , Dave S.	Department of Biotechnology, Hemchandracharya North Gujarat University, Patan	International Journal of Biological Macromolecules	2020	0141-8130	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076628476&doi=10.1016%2fj.ijbiomac.2019.10.240&partnerID=40&md5=d7e27b3df4d71c3e4b412d3219b4f268	Scopus
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Divalent zinc complex of succinylsulfathiazole: Synthesis, spectral, molecular structure, DNA interaction profile and Hirshfeld surface analysis	Chaudhary K.P., Socha B.N., Pandya S.B., Dubey R.P., Chavda B.R., Patel U.H., ,	Department of Physics	Inorganic Chemistry Communications	2020	1387-7003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094839457&doi=10.1016%2fj.inoche.2020.108318&partnerID=40&md5=8e2ddf1283c9980ab28a4f95a9c94515	Scopus
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Effect of Slip Velocity on a Ferrofluid-Based Longitudinally Rough Porous Plane Slider Bearing	Munshi M.M.,	Alpha College of Engineering and Technology, Gujarat Technological University, Kalol	Advances in Intelligent Systems and Computing	2020	2194-5357	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076972689&doi=10.1007%2f978-981-15-0035-0_3&partnerID=40&md5=81677ecec71e0d9a90448cdcd8db7a19	Scopus

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	Deheri G.M.	Department of Mathematics						
Emissions of non-methane volatile organic compounds from a landfill site in a major city of India: impact on local air quality	Dave P.N.	Department of Chemistry	Heliyon	2020	2405-8440	https://www.journals.elsevier.com/heliyon	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088649005&doi=10.1016%2fj.heliyon.2020.e04537&partnerID=40&md5=2d1f950e8f7a7d34877765d483c9c98b	Scopus
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	Bajaj S.	Amity University, Noida						
	Yadav R.	Indian Institute of Tropical Meteorology (IITM), Pashan, Pune						

Emotion classification with reduced feature set sgclassifier, random forest and performance tuning	Pal K.,	Sarvajanik College of Engineering & Technology, Surat	Communications in Computer and Information Science	2020	1865-0929	https://www.springer.com/series/7899	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089226469&doi=10.1007%2f978-981-15-6648-6_8&partnerID=40&md5=3c3ac5af1f11cac20e5f5799e7359fe7	Scopus
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Experimental tribometric characteristics analysis of a ferrofluid based journal bearing system	Patel N.S., , Shah K.R.,	Mechanical Engineering Department, Dharmsinh Desai University	Tribology Online	2020	1881-2198	https://www.jstage.jst.go.jp/browse/trol/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090884687&doi=10.2474%2ftrol.15.209&partnerID=40&md5=372cd2b282a861d1018dce9dced60064	Scopus
	Deheri G.M.,	Mathematics Department						
	Patel H.C.	Mathematics Department, L. D. College of Engineering, Ahmedabad						
	Shukla A.	Shah Schulman Centre for Surface Science and Nanotechnology, Dharmsinh Desai University, Nadiad						

Extension of life span and stress tolerance modulated by DAF-16 in <i>Caenorhabditis elegans</i> under the treatment of <i>Moringa oleifera</i> extract	Chauhan A.P., Chaubey M.G.,Singh N.K.	Department of Biotechnology, Shri A. N. Patel PG Institute of Science and Research, Anand	3 Biotech	2020	2190-5738	https://www.springer.com/journal/13205	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094966070&doi=10.1007%2fs13205-020-02485-x&partnerID=40&md5=ead2b00734583c76b504abae844fc3ee	Scopus
	Patel S.N., Madamwar D.	Department of Biosciences						
Extensive and intensive properties of aerosol over distinct environments: Influence of anthropogenic emissions and meteorology	Rajesh T.A.,	Department of Physics	Journal of Atmospheric and Solar-Terrestrial Physics	2020	1364-6826	https://www.journals.elsevier.com/journal-of-atmospheric-and-solar-terrestrial-physics	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082086979&doi=10.1016%2fj.jastp.2020.105223&partnerID=40&md5=a8abcaf6ccd7e0a529e8a879cd1c27f9	Scopus
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Fe(III)/Bentonite as a Heterogeneous Catalyst for the Synthesis of 3,4-dihydropyrimidin-2-(1H)-ones	Chopda L.V.,	Department of Chemistry, KSKV Kachchh University, Bhuj	ChemistrySelect	2020	2365-6549	https://www.wiley.com/en-us/ChemistrySelect-p-9780JRNL76542	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096932068&doi=10.1002%2fslct.202003890&partnerID=40&md5=7f277c4c08685287109cf8461514dddb	Scopus

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Ferro Fluid Based Squeeze Film in a Longitudinally Rough Surface Bearing of Infinite Width: A Comparative Study	Acharya A.S.,	Department of Applied Sciences and Humanity, L.J. Engineering College, Ahmedabad	Advances in Intelligent Systems and Computing	2020	2194-5357	https://www.springer.com/series/11156	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076856648&doi=10.1007%2f978-981-15-0184-5_17&partnerID=40&md5=872edbe4f101e7afdae25373609f9f0d	Scopus
	Patel R.M., Deheri G.M.	Department of Mathematics						
Friction and wear characteristics of robust carbon-carbon composites developed solely from petroleum pitch without reimpregnation	Sharma S., Patel R.	Department of Materials Science	Friction	2020	2223-7690	https://www.springer.com/journal/40544	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073952919&doi=10.1007%2fs40544-017-0313-3&partnerID=40&md5=bce652513e8c5c488839e924077a2c52	Scopus
	Patel B.,	Kana Advanced Composites Industry, POR, Vadodara						

	Bisschop L.,	Erasmus Initiative on Dynamics of Inclusive Prosperity, Erasmus School of Law						
	Chatterjee D.	Faculty of Analytical Chemistry, University of Kalyani						
	Ekberg C.	Department of Chemistry and Chemical Engineering, Nuclear Chemistry and Industrial Materials Recycling						
	Ermolin M.	National University of Science and Technology MISiS, 4 Leninsky Prospect, Moscow						
	Fedotov P.,	V.I. Vernadsky Institute of Geochemistry and Analytical Chemistry, Russian Academy of Sciences						
	Garelick H.	Department of Natural Sciences, Faculty of Science and Technology, Middlesex University						

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	Kandile N.G. and	Department of Chemistry, Faculty of Women, Ain Shams University, Heliopolis Cairo						
	Surati, K.R with 23 authors	Department of Chemistry						
Green Approach for the Development of Novel Flame Retardant Waterborne Polyurethanes: Synthesis and its Characterizations	Kapatel P.M., Patel R.H.	Department of Materials Science	Materials Today: Proceedings	2020	2214-7853	https://www.journals.elsevier.com/materials-today-proceedings	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084509934&doi=10.1016%2fj.matpr.2020.02.058&partnerID=40&md5=933cc8765d0076429f7ac45571601cc1	Scopus
Heteropoly-12-tungstophosphoric acid H ₃ [PW ₁₂ O ₄₀] over natural bentonite as a heterogeneous catalyst for the synthesis of 3,4-dihydropyrimidin-2-(1H)-ones	Chopda L.V.	Department of Chemistry, Krantiguru Shyamji Krishna Verma Kachchh University, Bhuj	Arabian Journal of Chemistry	2020	1878-5352	https://www.journals.elsevier.com/arabian-journal-of-chemistry	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084755159&doi=10.1016%2fj.arabjc.2020.04.034&partnerID=40&md5=ed7ff85b4bf70aab244e26ce8e0189d2	Scopus
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Independence number of generalized products of graphs	Mehta H.S.	Department of Mathematics	Asian-European Journal of Mathematics	2020	1793-5571	https://www.worldscientific.com/worldscinet/aejm	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052955131&doi=10.1142%2fS1793557120500138&partnerID=40&md5=7f6665e75f8b11f92d97556d4740a056	Scopus
	Acharya U.P.	Applied Sciences and Humanities Department						
Indian Sign Language Recognition Using Framework of Skin Color Detection, Viola- Jones Algorithm, Correlation-Coefficient Technique and Distance Based Neuro-Fuzzy Classification Approach	Bhavsar H., Trivedi J.	Department of Computer Science	Communications in Computer and Information Science	2020	1865-0929	https://www.springer.com/series/7899	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090657317&doi=10.1007%2f978-981-15-7219-7_20&partnerID=40&md5=1336d0d50d39c26e347ccda4ae72ef52	Scopus
Influence of Bi substitution on structural, optical and photoluminescence behaviour of Sb ₂ S ₃ nanoparticles	Chauhan K., Deshpande M.P., Patel K.N., Rajput P., Bhoi H.R., Chaki S.H., Pandya S.	Department of Physics	Materials Chemistry and Physics	2020	0254-0584	https://www.journals.elsevier.com/materials-chemistry-and-physics	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073109623&doi=10.1016%2fj.matchemphys.2019.122276&partnerID=40&md5=a9e734059a96fb2e180a5ffb47aea64	Scopus

Influence of pre-harvest foliar spray of fungal culture filtrates on post-harvest biology of date fruit harvested at Khalal stage	Bhatt K., Jampala S.S.M.	Department of Biosciences	Postharvest Biology and Technology	2020	0925-5214	https://www.journals.elsevier.com/postharvest-biology-and-technology	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083778031&doi=10.1016%2fj.postharvbio.2020.111220&partnerID=40&md5=a5eaaa87441d2fcb893f174234295534	Scopus
Investigating Catalytic Properties of Nanoferrites for Both AP and Nano-AP Based Composite Solid Propellant	Vara J.A.,	Department of Chemistry, K S K V Kachchh University, Bhuj	Combustion Science and Technology	2020	0010-2202	https://www.tandfonline.com/toc/gcst20/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080893710&doi=10.1080%2f00102202.2020.1734582&partnerID=40&md5=033c841fbfd4d3e05272e22394bdc53	Scopus
	Dave P.N.,	Department of Chemistry						
	Chaturvedi S.	Samarpan Science and Commerce College Gandhinagar						
Load Bearing Capacity for a Ferrofluid Squeeze Film in Double Layered Porous Rough Conical Plates	Vashi Y.D.,	Department of Applied Sciences and Humanity, Alpha College of Engineering and Technology, Khatraj, Kalol	Advances in Intelligent Systems and Computing	2020	2194-5357	https://www.springer.com/series/11156	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077002139&doi=10.1007%2f978-981-15-0035-0_2&partnerID=40&md5=30646935fd62855306099cf66806fad0	Scopus

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Magnetite (Fe ₃ O ₄) nanoparticles-supported dodecylbenzenesulfonic acid as a highly efficient and green heterogeneous catalyst for the synthesis of substituted quinolines and 1-amidoalkyl-2-naphthol derivatives	Katheriya D., Patel N., , Dadhania A.	Department of Chemical Sciences, P. D. Patel Institute of Applied Sciences, Charotar University of Science and Technology (CHARUSAT)	Journal of the Iranian Chemical Society	2020	1735-207X	https://www.springer.com/journal/13738	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091691166&doi=10.1007%2fs13738-020-02069-9&partnerID=40&md5=77b5bd1d863a4bb5ade3d87b9bf9cd27	Scopus
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Model for Classification of Poems in Hindi Language Based on Ras	Pal K.,	Sarvajanik College of Engineering and Technology, Surat	Smart Innovation, Systems and Technologies	2020	2190-3018	https://www.springer.com/series/8767	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076455349&doi=10.1007%2f978-981-13-8406-6_62&partnerID=40&md5=5178a3f4cb9d94de9617364d297ddd47	Scopus
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Neuringer-roseinweig model based longitudinally rough porous circular stepped plates in the existence of couple stress	Vashi Y.D., ,	Gujarat Technological University, Alpha College of Engineering and Technology, Kalol	Acta Polytechnica	2020	1210-2709	http://knihovna.cvut.cz/en/editorial-office/journals/acta-polytechnica	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090710621&doi=10.14311%2fAP.2020.60.0259&partnerID=40&md5=c86e6d2f298be774bf792efd881833c1	Scopus
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	Deheri G.B.	Department of Mathematics						
New pyrazolyl-dibenzo[b,e][1,4]diazepinones: room temperature one-pot synthesis and biological evaluation	Brahmbhatt G.C., Sutariya T.R., Atara H.D., Parmar N.J.	Department of Chemistry	Molecular Diversity	2020	1573-501X	https://www.springer.com/journal/11030	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066902075&doi=10.1007%2fs11030-019-09958-z&partnerID=40&md5=2b19f3873651fe07bec8c95a709fd2f5	Scopus
	Gupta V.K.,	Postâ€“Graduate Department of Physics, University of Jammu, Jammu, Tawi						
	Lagunes I.	BioLab, Instituto Universitario de Bio- OrgÃ¡nica â€“ Antonio GonzÃ¡lezâ€™TMâ€™ (IUBOâ€™AG)						

	Padr�n J.M.	J.M., BioLab, Instituto Universitario de Bio- Org�nica � Antonio Gonz�lez�TM�TM						
	Murumkar P.R., Yadav M.R.	Faculty of Pharmacy, The Maharaja Sayajirao University of Baroda						
Novel variant in NSDHL gene associated with CHILD syndrome and syndactyly- a case report	Hettiarachchi D.	Human Genetics Unit, Faculty of Medicine, University of Colombo	BMC Medical Genetics	2020	1755-8794	https://bmcmedgenomics.biomedcentral.com/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089769504&doi=10.1186%2fs12881-020-01094-y&partnerID=40&md5=8dcbe74cd20cc7d153763fd0b5920c76	Scopus
	Panchal H.	Department of Bioscience						
	Lai P.S	Department of Paediatrics, Yong Loo Lin School of Medicine						
	Dissanayake V.H.W.	Human Genetics Unit, Faculty of Medicine, University of Colombo						

Optimal and/or efficient three treatment crossover designs for five carryover models	Gondaliya J.,	Gujarat Commerce College, Gujarat University	Journal of Biopharmaceutical Statistics	2020	1054-3406	https://www.tandfonline.com/toc/lbps20/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075054259&doi=10.1080%2f10543406.2019.1684311&partnerID=40&md5=8794ff6532b837e55215e2f046fe190f	Scopus
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Optimization of media formulation for axillary shoot multiplication of the red-peeled sweet potato (<i>Ipomoea batatas</i> [L.] Lam.) "Abees"™	Dewir Y.H., Aldubai A.A.; Alsadon A.A., El-Hendawy S.; Al-Suhaibani N.A.	King Saud University, College of Food & Agriculture Sciences	Chilean Journal of Agricultural Research	2020			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080913450&doi=10.4067%2fs0718-58392020000100003&partnerID=40&md5=1592377cbc3173425b2a266ad8c2499f	Scopus
	Kher M.M.	Department of Biosciences						
Optimization of organic solvent-tolerant lipase production by <i>Acinetobacter</i> sp. UBT1 using deoiled castor seed cake	Patel R., , Trivedi U., Patel K.	Department of Biosciences	3 Biotech	2020	2190-5738	https://www.springer.com/journal/13205	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095120768&doi=10.1007%2fs13205-020-02501-0&partnerID=40&md5=efa5ed3792a99cf0bddd113fcef3f0c	Scopus

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Optional analyses of crossover trials having two treatments and a placebo	Gondaliya J.,	Gujarat Commerce College, Gujarat University, Ellisbridge, Ahmedabad	Electronic Journal of Applied Statistical Analysis	2020	2070-5948	http://siba-ese.unisalento.it/index.php/ejasa/index	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088251658&doi=10.1285%2fi20705948v13n1p16&partnerID=40&md5=08ff3dccba7106ef089f0f129dbfc6f3	Scopus
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Orthorhombic SnSe Nanocrystals for Visible-Light Photodetectors	Patel K., Chauhan P., Patel A.B., Solanki G.K., Patel K.D., Pathak V.M.	Department of Physics	ACS Applied Nano Materials	2020	2574-0970	https://pubs.acs.org/page/aanmf6/about.html	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096024058&doi=10.1021%2facnanm.0c02301&partnerID=40&md5=b2bc3ec43e0e692bfaaa1abb7b43a4e5	Scopus
Oxygen radical absorbance capacity (ORAC) and in vitro anti-inflammatory activity of fruits of different plants	Patel H., Patel V.	Department of Home Science	Indian Journal of Agricultural Biochemistry	2020	0970-6399	https://www.indianjournals.com/ijor.aspx?target=ijor:ijab&type=home	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089316497&doi=10.5958%2f0974-4479.2020.00008.8&partnerID=40&md5=5fc091e5fa980e03ce43a12a9ac3d2ea	Scopus

Performance of a Hydromagnetic Squeeze Film Between Longitudinally Rough Conducting Triangular Plates	Patel H.P.	Department of Humanity and Science, L. J. Institute of Engineering and Technology, Ahmedabad	Advances in Intelligent Systems and Computing	2020	2194-5357	https://www.springer.com/series/11156	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076851683&doi=10.1007%2f978-981-15-0184-5_11&partnerID=40&md5=631928f272acc7b725c5ed2306a1d2ef	Scopus
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	Patel R.M.	Department of Mathematics, Gujarat Arts and Science College, Ahmedabad						
Photosensitisation combined with ozone gas delays the postharvest ripening of stored tomato	More S., Ramana Rao T.V.	Department of Biosciences	International Journal of Postharvest Technology and Innovation	2020	1744-7550	https://www.inderscience.com/jhome.php?jcode=ijpti	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091414488&doi=10.1504%2fIJPTI.2020.108743&partnerID=40&md5=9511b27fd8c835b4cc5d850f512a1cdd	Scopus
Polycyclic Aromatic Hydrocarbons: Sources, Toxicity, and Remediation Approaches	Patel A.B., Jain K.R., Madamwar D.	Department of Biosciences	Frontiers in Microbiology	2020	1664-302X	https://www.frontiersin.org/journals/microbiology	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096219453&doi=10.3389%2ffmicb.2020.562813&partnerID=40&md5=fc813ec3da77f2004035ede4ee39518c	Scopus

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Quantum chemical calculations, molecular docking, Hirshfeld surface analysis, biological activity, and characterizations (IR and NMR) of cadmium complex of triple sulfa drugs constituent sulfamethazine	Dubey R.P., Pandya S.B., Socha B.N., Chaudhary K.P., Chavda B., Patel U.H.	Department of Physics	Inorganic and Nano-Metal Chemistry	2020	2470-1556	https://www.tandfonline.com/toc/lrst21/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095793362&doi=10.1080%2f24701556.2020.1839767&partnerID=40&md5=dffef4e811ad0da75bb74f319b011980	Scopus
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Recent Advances in Homogeneous and Heterogeneous Catalyst in Biginelli Reaction from 2015-19: A Concise Review	Chopda L.V.,	Department of Chemistry, Krantiguru Shyamji Krishna Verma Kachchh University, Bhuj	ChemistrySelect	2020	2365-6549	https://www.wiley.com/en-us/ChemistrySelect-p-9780JRNL76542	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085298022&doi=10.1002%2fslct.202000742&partnerID=40&md5=bda322f65c9b2ccca8bb2b7aa6d842ad	Scopus
	Dave P.N.	Department Of Chemistry						

Resilience and self-regulation processes of microalgae under UV radiation stress	Rastogi R.P., Madamwar D.	Department of Biosciences	Journal of Photochemistry and Photobiology C: Photochemistry Reviews	2020	1389-5567	https://www.science-direct.com/journal/journal-of-photochemistry-and-photobiology-c-photochemistry-reviews/issues	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075809052&doi=10.1016%2fj.jphotochemrev.2019.100322&partnerID=40&md5=d60bf0a0e3d54dfb120a6500e4063ba6	Scopus
	Nakamoto H.	Department of Biochemistry and Molecular Biology, Institute for Environmental Science and Technology, Saitama University, Saitama, Japan						
	Incharoensakdi A.	Laboratory of Cyanobacterial Biotechnology, Department of Biochemistry, Faculty of Science, Chulalongkorn University, Bangkok						
Resistive switching memory effects in chalcogenide semiconductor ZnGa ₂ Se ₄ thin films	Dhamecha V., Patel B., ,	Department of Electronics	Surface Engineering	2019	0267-0844	https://www.tandfonline.com/toc/ysue20/current	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067545295&doi=10.1080%2f02670844.2019.1625505&partnerID=40&md5=db661c86f9a8b8a00f691f27d35a34c4	Scopus

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	Nowicki A.	Institute of Nuclear Chemistry and Technology, Warsaw, Poland						
Revisiting high-resolution crystal structure of Phormidium rubidum phycocyanin	Sonani R.R., , , Madamwar D.,	Department of Biosciences	Photosynthesis Research	2020	0166-8595	https://www.springer.com/journal/11120	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083593244&doi=10.1007%2fs11120-020-00746-7&partnerID=40&md5=5eaba72c87efbf1a1eebdcfb9c278fa5	Scopus
	Roszak A.W.;Cogdell R.J.	Institute of Molecular Cell and Systems Biology, University of Glasgow, Glasgow						
	Liu H.,Gross M.L., Blankenship R.E.	Department of Chemistry, Washington University in St. Louis						
Role of metal Cu(II) and Ag(I) on molecular structure of 4-amino-N-(2, 6-dimethoxypyrimidin-4-yl) benzenesulfonamide in presence of 3-methyl pyridine: Synthesis, spectral, crystallographic and DNA interaction studies	Socha B.N., Patel U.H., Pandya S.B., Chavda B.R., Chaudhary K.P., Patel B.D.,	Department of Physics	Polyhedron	2020	0277-5387	https://www.journals.elsevier.com/polyhedron	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087898992&doi=10.1016%2fj.poly.2020.114696&partnerID=40&md5=4b27288ac5b287346386af2d5612d36f	Scopus

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	Patel N.J., Bhatt B.S.	Department of Chemistry						
Self-powered photodetector based on SnSe ₂ /MoSe ₂ heterostructure	Zankat C.K., Pataniya P.M., Patel A., Bhakhar S.A., Solanki G.K., Patel K.D., Pathak V.M., ,		Materials Today Energy	2020	2468-6069	https://www.journals.elsevier.com/materials-today-energy	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095772996&doi=10.1016%2fj.mtener.2020.100550&partnerID=40&md5=9896609c348311dc715e3ff824e5d663	Scopus
	Narayan S., Jha P.K.	Department of Physics, Faculty of Science, M.S. University of Baroda						
	Sumesh C.K.	Department of Physical Sciences, P.D. Patel Institute of Applied Sciences, Charotar University of Science and Technology, Changa						
Squeeze Film in a Ferrofluid Lubricated Rough Conical Plates: Comparison of Porous Structures	Patel R.M.	Gujarat Arts and Science College, Ellis Bridge, Ahmedabad	Advances in Intelligent Systems and Computing	2020	2194-5357	https://www.springer.com/series/11156	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076860624&doi=10.1007%2f978-981-15-0184-5_21&partnerID=40&md5=e5056394dbf0718f789387eac9b46b20	Scopus

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	Vadher P.A.							
Structural characterization of layered tin mono-selenide crystals doped with copper grown by DVT technique	Bharthaniya S.M.,	Dept. Of Physics, M. R. Arts and Science College, Veer Narmad South Gujarat University	AIP Conference Proceedings	2020	1551-7616	https://aip.scitation.org/journal/apc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094574263&doi=10.1063%2f5.0019497&partnerID=40&md5=e936dfe1415a862d2619c3f1dd877b5e	Scopus
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	Agarwal A.M.,	Dept. of Physics, Shree Jayendrapuri Arts and Science College, Veer Narmad South Gujarat University						
	Solanki G.K.	Department of Physics						
Study of Longitudinal Roughness on Hydromagnetic Squeeze Film Between Conducting Rotating Circular Plates	Adeshara J.V., Prajapati M.B.,	Mathematics Department, H. N. G. U, Patan	Advances in Intelligent Systems and Computing	2020	2194-5357	https://www.springer.com/series/11156	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076824255&doi=10.1007%2f978-981-15-0184-5_20&partnerID=40&md5=17261722e4d3d0dd53ab1c118c95d554	Scopus

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	Patel R.M.	15 Badrinath, Society, Ghodasar, Ahmedabad						
Study of Squeeze Film in a Ferrofluid Lubricated Longitudinally Rough Rotating Plates	Patel H.P	Humanity and Science Department, L.J. Institute of Engineering and Technology, Ahmedabad	Advances in Intelligent Systems and Computing	2020	2194-5357	https://www.springer.com/series/11156	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076824374&doi=10.1007%2f978-981-15-0184-5_19&partnerID=40&md5=fae6b36a51a3e1a9c406c6e5cfcfc4c9	Scopus
	Deheri G.M	Mathematics Department						
	Patel R.M.	Gujarat Arts and Science College, Ellis Bridge, Ahmedabad						
Superior electrochemical activity of CdSe thin film by chromium substitutional doping	Chauhan P., Patel A.B.; Solanki G.K; Patel K.D., Pathak V.M.	Department of Physics	Journal of Alloys and Compounds	2020	0925-8388	https://www.journals.elsevier.com/journal-of-alloys-and-compounds	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097219161&doi=10.1016%2fj.jallcom.2020.158016&partnerID=40&md5=f2c0a0d2d83d4cd20f44c33b238ed60a	Scopus
	Narayan S.; Jha P.K.	Department of Physics, The M. S. University of Baroda						
	Prasad J.; Soni S.S.	Department of Chemistry						

	Sumesh C.K.	P. D. Patel Institute of Applied Science, CHARUSAT, Changa						
	Patel V.	Sophisticated Instrumentation Centre for Applied Research and Testing (SICART), Mota Bazaar, Vallabh Vidyanagar						
Synthesis, characterization and biological evaluation of some new pyrazolyl bipyridyl substituted dicoumarins	Gohil N.N., Brahmhatt D.I.	Department of Chemistry	Bulgarian Chemical Communications	2020	0324-1130	http://www.bcc.bas.b g/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090654484&doi=10.34049%2fbcc.52.1.4935&partnerID=40&md5=aa387d7d4fc6267b2d7594334ed1659c	Scopus
Synthesis, Characterization, and Biological Evaluation of Osmium(IV) Pyrazole Carbothioamide Complexes	Pursuwani B.H., Bhatt B.S., Vaidya F.U., Pathak C., Patel M.N.	Department of Chemistry	Polycyclic Aromatic Compounds	2020	1040-6638	https://www.tandfonline.com/toc/gpol20/c urrent	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097084884&doi=10.1080%2f10406638.2020.1852581&partnerID=40&md5=0f7f254630de1e56765e7948e6acaeb5	Scopus

The influence of antimony doping on α -V, β -V-f and (G/w)-V-f characteristics of indium/ SbXW1-XSe2 (X=0, 0.1, 0.5) alloy Schottky diodes	Patel A., Pathak V.M., Solanki G.K., Patel K.D., Pataniya P.		Superlattices and Microstructures	2020	0749-6036	https://www.journals.elsevier.com/superlattices-and-microstructures	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075266023&doi=10.1016%2fj.spmi.2019.106348&partnerID=40&md5=ea85ad5b7ab42ba508cc5cbfa0c8fb7b	Scopus
Transferrable thin film of ultrasonically exfoliated MoSe2 nanocrystals for efficient visible-light photodetector	Patel A.B., Chauhan P., Solanki G.K., Pathak V.M.	Department of Physics	Physica E: Low-Dimensional Systems and Nanostructures	2020	1386-9477	https://www.science-direct.com/journal/physica-e-low-dimensional-systems-and-nanostructures	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079553023&doi=10.1016%2fj.physe.2020.114019&partnerID=40&md5=96421321c87989348834314decf8cdbc	Scopus
	Narayan S;Jha P.K.	Department of Physics, The M. S. University of Baroda						
	Machhi H.K., Patel K.D., Soni S.S.	Department of Chemistry						
	Sumesh C.K.	Department of Physical Sciences, P. D. Patel Institute of Applied Science, Charusat, Changa,						

<u>Scientometric Assessment of Publications on Electronic Resource Management and Electronic Resource Management System during 2000 - 2019</u>	Nimesh D. Oza; Saurabh Karsanbhai Prajapati	Department of Library and Information Science	Library Philosophy and Practice (e- journal)	2020	1522-0222	https://digitalcommons.unl.edu/libphilprac/	https://www.scopus.com/record/display.uri?eid=2-s2.0-85101768334&origin=resultslist&sort=plf-f&src=s&st1=prajapati&st2=saurabh&nlo=1&nlr=20&nls=count-f&sid=b51ffbf5472a33331290b15fd488ef02&sot=anl&sdt=aut&sl=39&s=AU-ID%28%22Prajapati%2c+Saurabh%22+57221108150%29&relpos=0&citeCnt=0&searchTerm=	Scopus
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<u>Electronic Resource Management System Needs and Problems: A Study on Perceptions of Library Professionals on the Use of CORAL</u>	Saurabh Karsanbhai Prajapati; Nimesh D. Oza	Department of Library and Information Science	Library Philosophy and Practice (e-journal)	2020	1522-0222	https://digitalcommons.unl.edu/libphilprac/	https://www.scopus.com/record/display.uri?eid=2-s2.0-85098178610&origin=resultslist&sort=plf-f&src=s&st1=prajapati&st2=saurabh&nlo=1&nlr=20&nls=count-f&sid=b51ffbf5472a33331290b15fd488ef02&sot=anl&sdt=aut&sl=39&s=AU-ID%28%22Prajapati%2c+Saurabh%22+57221108150%29&relpos=1&citeCnt=0&searchTerm=	Scopus
A Comparative Study On Springate And Zmijewski Bankruptcy Models In Selected Public Sector Units In India	Dr.Yagnesh Dalvadi and Mr.Chintan Chavda	Department of MBA	Studies in Indian Place Names	2020	2394-3114	https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList	No website mentioned as it has been discontinued from UGC-CARE April 2020 List	UGC-CARE
Studies On Flame-Retardant and Mechanical Properties of Phosphorous Based Acrylated Epoxy Resin	Sevkani, VR; Mishra, VK; Patel, RH	Department of Mathematics	AIP Conference Proceedings	2020	0094-243X	https://aip.scitation.org/journal/apc	1850.pdf	WoS
Transient Photo-Response Properties of Pristine MoTe2 Crystals Synthesized by Direct Vapor Transport Technique	Limberkar, C; Nair, S; Joy, J; Pataniya, P; Patel, KD; Solanki, GK; Pathak, VM	Department of Physics	AIP Conference Proceedings	2020	0094-243X	https://aip.scitation.org/journal/apc	https://www.webofscience.com/wos/alldb/full-record/WOS:000557899500149	WoS

In vitro antimicrobial screening of methanolic extract of Mikania micrantha and Drymaria cordata against S. Aureus and its textile application	Neog R; Kola N.	Department of Home Science	Materials Today: Proceedings	2020	22147853	https://www.journals.elsevier.com/materials-today-proceedings	https://www.scopus.com/record/display.uri?eid=2-s2.0-85104022015&origin=resultslist&sort=tpt&src=s&sid=c2dcc5467de900c1464d69545ec27019&so=b&sdt=b&sl=157&st=TITLE-ABS-KEY%28In+vitro+antimicrobial+screening+of+methanolic+extract+of+Mikania+micrantha+and+Drymaria+cordata+against+S.+Aureus+and+its+textile+application%29&relpos=0&citeCnt=0&searchTerm=	Scopus
Problems and prospects of vulnerable groups due to Covid-19	Ramesh H. Makwana	Department of Sociology	Shodh Satira	2020	2348-2397	https://ugccare.unipu.ac.in/Apps1/User/WebA/SearchList (Discontinued from April 2021)	1853.pdf	UGC-CARE
Marginal groups in politics through 73rd constitutional amendment	Ramesh H. Makwana	Department of Sociology	Shodh Sanchar Bulletin	2020	2229-3620	https://ugccare.unipu.ac.in/Apps1/User/WebA/SearchList (Discontinued from April 2021)	1854.pdf	UGC-CARE
Indian consumer animosity towards China: The role of consumer ethnocentrism national identity and consumer cosmopolitanism	Riddhish N. Joshi; Yogesh C. Joshi	Department of Business Administration (Mba)	IASSI Quarterly: Contributions to Indian Social Science	2020	0970-9061	https://ugccare.unipu.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101000805&flag=Search	1855.pdf	UGC-CARE

Archetypes anima and anims: Siddhant parichay	Pinakini Pandya	DEPARTMENT OF GUJARATI	Lok Gurjari	2020	2320-8872	https://ugccare.unipu.ac.in/apps1/Content/Files/pdf/Lok%20Gurjari.pdf	1856.pdf	UGC-CARE
Dr. Purva Sharma ke hayku: prakruti prit ke nanhe git	Hasmukh Parmar	Department of Hindi	Shodh Disha	2020	0975-735X	https://ugccare.unipu.ac.in/Apps1/User/WebA/ViewDetails?JournalId=10101188&flag=Search	1857.pdf	UGC-CARE
Bhasha aur sahitya ke parisar me paraspar	Dyashankar	Department of Hindi	Madhumati	2020	2321-5569	https://ugccare.unipu.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002591&flag=Search	1858.pdf	UGC-CARE
Fakkad fakir Gandhi	Paravati Gosai	Department of Hindi	Samnvay Pacchim	2020	2582-0907	https://ugccare.unipu.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101024238&flag=Search	1859.pdf	UGC-CARE
Curvature Properties of Interior Black Hole Metric	Shaikh A.A;	Department of Mathematics, University of Burdwan	Indian Journal of Pure and Applied Mathematics	2020	0019-5588	https://www.springer.com/journal/13226	https://www.scopus.com/record/display.uri?eid=2-s2.0-85098725718&origin=resultslist&sort=tp-t&src=s&sid=5c1c0c66994949f3271fe08819b9eece&sot=b&sdt=b&sl=57&s=TITLE%28Curvature+Properties+of+Interior+Black+Hole+Metric%29&relpos=0&citeCnt=0&searchTerm=	Scopus

	Deszcz R;	Department of Mathematics, Wrocław University of Environmental and Life Sciences						
	Hasmani A.H.;	Department of Mathematics						
	Khambholja V.G.	Department of Mathematics, B. V. M. Engineering College, Vallabh Vidyanagar						
Estimation of finite population correlation coefficient in the presence of auxiliary information	Rina Shah; P.A. Patel	Department of Statistics	International Journal of Statistics and Reliability Engineering	2020	2350-0174	https://ugccare.unipu ne.ac.in/Apps1/User/ WebA/ViewDetails? JournalId=10100226 2&flag=Search	1864.pdf	UGC-CARE
Sets determining real function algebras and their cartesian product	Aakar N. Roghelia; Himali S. Mehta; Rekha D. Mehta	Department of Mathematics	Bulletin of Calcutta Mathematical Society	2020	0008-0659	https://ugccare.unipu ne.ac.in/Apps1/User/ WebA/ViewDetails? JournalId=10100071 7&flag=Search	1865.pdf	UGC-CARE
Study of Indian agricultural crisis and its impact of farmer's plight causes and consequences	Tejas M. Shastri; Jignesh K. Barot	Department of Economics	Sambodhi	2020	2249-6661	https://ugccare.unipu ne.ac.in/apps1/Conte nt/Files/pdf/Sambod hi-%202019.pdf	1866.pdf	UGC-CARE
Study of antecedents of India's monetary policy: the past, present and future	Tejas M. Shastri; Jignesh K. Barot	Department of Economics	Sambodhi	2020	2249-6661	https://ugccare.unipu ne.ac.in/apps1/Conte nt/Files/pdf/Sambod hi-%202019.pdf	1867.pdf	UGC-CARE
Evaluating role of corporate image and consumers' attitude in assessing impact of cause related marketing on consumer purchase intention	Keval P. Trivedi; Raju M. Rathod	Department of Business Administration (Mba)	Shodh Sanchar Bulletin	2020	2229-3620	https://ugccare.unipu ne.ac.in/Apps1/User/ WebA/SearchList (Discontinued from April 2021)	1868.pdf	UGC-CARE

Does the listing performance differ with categories?: An evidence from Indian SME financing	PK. Priyan; Drashti Kaushal Shah	Department of Business Administration (Mba)	SEMCOM Management & Technology Review	2020	2321-5968	https://ugccare.unipu ne.ac.in/Apps1/User/ WebA/ViewDetails? JournalId=10100110 5&flag=Search	1869.pdf	UGC-CARE
Role of digital payments in changing ecosystem of payments in India: with reference to millennial	Parul Dipsinh; Kamini Shah; Sandhip Bhatt	Department of Business Administration (Mba)	SEMCOM Management & Technology Review	2020	2321-5968	https://ugccare.unipu ne.ac.in/Apps1/User/ WebA/ViewDetails? JournalId=10100110 5&flag=Search	1870.pdf	UGC-CARE
Stautus of human resource management in district library in Bhavnagar	Shishir Mandalia; Ketan N. Joshi; R.N. Mobarsa	Department of Library abd Information Science	SEMCOM Management & Technology Review	2020	2321-5968	https://ugccare.unipu ne.ac.in/Apps1/User/ WebA/ViewDetails? JournalId=10100110 5&flag=Search	1871.pdf	UGC-CARE
Gramyamata no strot	Hemant Dave	Department of History	Forbes Guajrati Sabha	2020	0559-9253	https://ugccare.unipu ne.ac.in/Apps1/User/ WebA/ViewDetails? JournalId=10102425 3&flag=Search	1872.pdf	UGC-CARE
Motilal Tejawar's tribal movement	Suresh B. Solanki	Department of History	Shodh Sarita	2020	2348-2397	https://ugccare.unipu ne.ac.in/Apps1/User/ WebA/SearchList (Discontinued from April 2021)	1873.pdf	UGC-CARE
Metacognition in Mathematics	Soniyaben Punjabi; Paresh Acharya	Department of Education	Indian Journal of Adult Education	2020	0019-5006	https://ugccare.unipu ne.ac.in/Apps1/User/ WebA/ViewDetails? JournalId=10100262 3&flag=Search	1874.pdf	UGC-CARE
Impact and applications of environmental accounting and auditing: A review from Indian perspetive	Sandip Bhatt; Kamini Shah	Department of Business Studies	Sambodhi	2020	2249-6661	https://ugccare.unipu ne.ac.in/apps1/Conte nt/Files/pdf/Sambod hi-%202019.pdf	1875.pdf	UGC-CARE

Digital finance:-A tool for financial inclusion: Overview of Indian digitized financial inclusion	Deep Vaghela; Sadip Bhatt	Department of Business Studies	Sambodhi	2020	2249-6661	https://ugccare.unipune.ac.in/apps1/Content/Files/pdf/Sambodhi-%202019.pdf	1876.pdf	UGC-CARE
<u>Correlation between entropy and glass-forming ability of Cu-Zr and Cu-Zr-Al alloys</u>	Patel M.K.;Shah M.C;Pratap A	Condensed Matter Physics Laboratory, Applied Physics Department, Faculty of Technology and Engineering, M. S. University of Baroda	Materials Today: Proceedings	2020	22147853	https://www.journals.elsevier.com/materials-today-proceedings	https://www.scopus.com/record/display.uri?eid=2-s2.0-85116360826&origin=resultslist&sort=tp-t&src=s&sid=cbfe0045b01b39aff44922bc29b999ea&sot=b&sdt=b&sl=60&s=TITLE%28correlation+between+entropy+and+glass-forming+ability%29&relpos=0&citeCnt=1&searchTerm=	Scopus
	Malek I	Applied Science and Humanities Department, Parul Institute of Engineering and Technology, Parul University, Gujarat, Vadodara						
	;Lad K.N	Department of Physics						

<p><u>Effect of Al addition on structure and dynamics of Zr-Cu-Al glass-forming alloy</u></p>	<p>Kirit N. Lad; Kamal G. Soni</p>	<p>Department of Physics</p>	<p>Materials Today: Proceedings</p>	<p>2020</p>	<p>22147853</p>	<p>https://www.journals.elsevier.com/materials-today-proceedings</p>	<p>https://www.scopus.com/record/display.uri?eid=2-s2.0-85116321562&origin=resultslist&sort=tp-t&src=s&sid=40ea12423852b49969621115137da9bd&sofb&sdt=b&sl=86&s=TITLE%28Effect+of+Al+addition+on+structure+and+dynamics+of+Zr-Cu-Al+glass-forming+alloy%29&relpos=0&citeCnt=0&searchTerm=</p>	<p>Scopus</p>
<p>Optimal and/or Efficient Two treatment Crossover Designs for Five Carryover Models</p>	<p>J. Gondaliya,</p>	<p>Statistics, Gujarat Commerce College, Ellisbridge, Ahmedabad, India</p>	<p>International journal of biostatistics</p>	<p>2018</p>	<p>1557-4679</p>	<p>https://www.degruyter.com/journal/key/ijb/html?lang=en</p>	<p>https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057590120&doi=10.1515%2fijb-2018-0001&partnerID=40&md5=d0d6895ebd9921405e61d9ec75fdbfea</p>	<p>Scopus</p>
	<p>J. Divecha</p>	<p>Department of Statistics</p>						