

3.4.3 Number of research papers per teacher in the Journals notified on UGC website during the last five years (5)

3.4.3.1: Number of research papers in the Journals notified on UGC website during the last five years

S.No	Title of the Papers	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number/ ISBN number	Link to the recognition in UGC enlistment of the Journal
1	Sequence analysis, Homology Modelling, Docking and Pharmacophore Studies of Phosphocholine Cytidylyltransferase in plasmodium falciparum			Journal of Chemical and Pharmaceutical Research	2016	0975-7384	https://www.jocpr.com/articles/sequence-analysis-homology-modeling-docking-and-pharmacophore-studies-of-phosphocholine-cytidylyltransferase-in-plasmodi.pdf
2	2D- and 3D-QSAR Study of Acyl Homoserine Lactone Derivatives as Potent Inhibitors of Quorum Sensor, SdiA in Salmonella typhimurium			Int.J. BIO Automation	2016	1314-2321	https://drive.google.com/file/d/1yTc9fgxXBEYe56z-S7VpXYOW-epdARWF/view?usp=sharing
3	Molecular Insights of Hyaluronic Acid as Potential Source of Polymer-Drug Conjugate in the Target-Mediated Treatment of Cancer			Natural Product Communications	2017	1555-9475	https://drive.google.com/file/d/125Or50Fvmd7tlopLCvRjKK52RF0Ud7/view?usp=sharing
4	Identification of Potent Angiotensin Converting Enzyme 2 Inhibitors through Virtual Screening and Structure-Based Pharmacophore Design			International Journal of Advanced Science and Engineering	2017	2349-5359	https://www.researchgate.net/publication/319004696_Identification_of_Potent_Angiotensin_Converting_Enzyme_2_Inhibitors_through_Virtual_Screening_and_Structure-Based_Pharmacophore_Design

5	Influence of pH and Temperature on the Structure and Size of Tin Oxide Nanoparticles
6	Structure based pharmacophore design and natural bond orbital analysis of angiotensin converting enzyme inhibitors
7	Synthesis and Characterization of L-Isoleucine Maleate and L-Isoleucine Oxalate crystals
8	Virtual Screening of Heterocyclic Compounds against Angiotensin-Converting Enzyme for Potential Antihypertensive Inhibitors
9	Identification of Potential drug targets from intrinsically disordered proteins (idps)
10	Spectroscopic analysis (Raman, FT-IR, UV, NMR), HOMO, LUMO and first order hyper polarizability calculations of Nor Leucine Maleate (DLNM) using DFT methods

Dr. A. Syed Mohamed

Chemistry

Journal of Nano Science and Technology	2018	2455-0191	https://www.jacsdirectory.com/journal-of-nanoscience-and-technology/articleview.php?id=158
Int. J. Cur Res Eng Sci Tech.	2018	2581-4311	https://www.researchgate.net/publication/325761645_Structure-Based_Pharmacophore_Design_and_Natural_Bond_orbital_analysis_of_Angiotensin_Converting_Enzyme_inhibitors
Journal of Emerging Technologies and Innovative Research	2018	2349-5162	https://www.jetir.org/papers/JETIR1808360.pdf
Asian Journal of Pharmaceutical and Clinical Research	2019	2455-3891	https://innovareacademics.in/journals/index.php/ajpcr/article/view/29106
International of Scientific and Technology Research	2019	2277-8616	https://www.ijstr.org/final-print/oct2019/Identification-Of-Potential-Drug-Targets-From-Intrinsically-Disordered-Proteins-idps.pdf
Wutan Huatan Jisuan Jishu	2020	1001-1749	http://www.wthtjjs.cn/gallery/31-whjj-oct-2020.pdf

11	Synthesis and Characterisation of zinc sulphide nanoparticles embedded in polymeric matrix
12	Green Synthesis and Characterization of Reduce graphene oxide using polysaccharides extracted from Solanum tuberosum peels
13	Antimicrobial activity of combined extracts of Carica Papaya peels and Glycyrrhiza roots
14	DENSITY FUNCTIONAL THEORY INVESTIGATION ON THE MECHANISM OF CHEMILUMINESCENT DECOMPOSITION IN BISADAMANTYLIDENE ADAMANTANE-1,2-DIOXETANE (BAAD) and Monoadamantylidene-1,2-Dioxetane (MAD)
15	Phytoremediation of laboratory waste water using ocimum sanctum, cymbopogon citratus aloe barbadensis and reusing for domestic purpose

Materials Today: Proceedings	2020	2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785320349506
Wutan Huatan Jisuan Jishu	2021	1001-1749	https://www.researchgate.net/publication/355058190_Green_synthesis_and_characterization_of_reduced_graphene_oxide_using_polysaccharides_extracted_from_Solanum_tuberosum_peels
Gis Science Journal	2021	1869-9391	https://drive.google.com/file/d/118GSLggnQt24Ie3fEP8ejgQI-d80rAOi/view
Journal of Computational Methods in Molecular Design	2021	2231-3176	https://www.scholarsresearchlibrary.com/articles/density-functional-theory-investigation-on-the-mechanism-of-chemiluminescent-decomposition-in-adamantylideneadamantane12.pdf
Wutan Huatan Jisuan Jishu	2021	1001-1749	https://drive.google.com/file/d/1baMSyKBB65v3srcNS81-9UKQGIW7tj5X/view

16	Microwave assisted synthesis of ZnO and Co doped ZnO nanoparticles and their Microbial activity	Dr. M. Sheik Mohideen Badhusa
17	Green synthesis of ZnO nanoparticles using phyllanthus emblica stem extract and their antimicrobial activity	
18	A Study of Physico-Chemical Analysis of Ground Water in and around SIPCOT, Tuticorin	
19	Biosynthesis of Silver Nanoparticles using Saccharomyces Cerevisiae with Different pH and Study of Antimicrobial Activity against Bacterial Pathogens	
20	A Study of Quality of Groundwater found in Kallur Village, Tirunelveli	
21	Biosynthesis of ZnO nanoparticles using Ficus Carica leaf extract and their biological evolution of antibacterial activity	

Chemistry

Der PharmaChemica	2016	0975-413X	https://www.derpharmachemica.com/pharma-chemica/microwave-assisted-synthesis-of-zno-and-co-doped-zno-nanoparticles-and-their-antibacterial-activity.pdf
Der PharmaChemica Letter	2016	0975-5071	https://www.scholarsresearchlibrary.com/articles/green-synthesis-of-zno-nanoparticles-using-phyllanthus-emblica-stem-extract-and-their-antibacterial-activity.pdf
International Journal on Earth Science and Engineering	2016	0974-5904	http://ischolar.info/index.php/Cafet-IJEE/article/view/162297
Chemical Science Transactions	2016	2278-3458	http://www.e-journals.in/PDF/V5N4/906-911.pdf
International Journal of Advanced Research	2016	2320-5407	https://www.journalijar.com/article/8545/study-of-quality-of-ground-water-found-in-kallur-village,-tirunelveli,-tamilnadu,-india/
Sadakath – A Research Bulletin	2016	2347-7644	https://drive.google.com/file/d/1ekLhhcbXEzSRug386Dw_xrzy6YhI8Azo/view?usp=sharing

22	Green synthesis and characterization of Fe doped ZnO nanoparticles and their interaction with bovine serum albumin			Journal of the Indian Chemical Society	2021	0019-4522	https://www.sciencedirect.com/science/article/abs/pii/S0019452221001977
23	Theoretical study on indacaterol by DFT study	Dr.I Antony Danish	Chemistry	IOSR-JAP	2017	2278-4861	https://drive.google.com/file/d/1_G3L0xzPf6uFDwVZyHzb785D-QwHbtB/view?usp=sharing
24	Developmental studies on novel biodegradable films from maravetti oil			J. Env.Nanotechnol.	2019	2319-5541	https://nanoient.org/upload/pdf/ENT194379.pdf
25	Multi Scale Plant Based Polymer Matrix: Synthesis, Biodegradation And Thermal Studies			INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH	2020	2277-8616	https://www.ijstr.org/final-print/jan2020/Multi-Scale-Plant-Based-Polymer-Matrix-Synthesis-Biodegradation-And-Thermal-Studies-.pdf
26	Synthesis characterisation and thermal behaviour of thermo setting polyesters from biodegradable palnt oil			Heterocyclic Letters	2020	2230 - 9632	https://heteroletters.org/issue102/Paper-16.pdf
27	Developmental Studies of biodegradable pressure sensitive adhesives and fiber reinforced polymer from neem oil			Sarah Research Journal	2020	2319-5134	https://drive.google.com/file/d/18C9fd3Wvr8dYHKjA0ZpEjWI5VN2iqZM/view?usp=sharing
28	Characteristic studeis on novel biodegradable polyester films from maravetti oil			Sarah Research Journal	2020	2319-5134	https://drive.google.com/file/d/15YXKeb4f4veOvbRVI4oWyd5uz-Csvj7c/view?usp=sharing
29	Recent advances in mechanical behavior of fiber reinforced smart biodegradable polymers			J. Adv. Sci. Res. (ICITNAS)	2021	0976-9595	https://drive.google.com/file/d/1-HovuaAaG8aq7lsd8UCfdWPBPYPiyTUF/view?usp=sharing

30	DFT, NBO, HOMO-LUMO, NCI, stability, Fukui function and hole-Electron analyses of tolcapone			Computational and Theoretical Chemistry	2021	2210-271X	https://www.sciencedirect.com/science/article/abs/pii/S2210271X21001547
31	Spectral, NBO, NLO, NCI, aromaticity and charge transfer analyses of anthracene-9, 10-dicarboxaldehyde by DFT			Heliyon	2021	2405-8440	https://www.cell.com/heliyon/fulltext/S2405-8440(21)02480-4
32	A Size Controlled Synthesis of Magnetite Nanoparticles in Pure Inorganic Medium.	Dr. M. Thameem Ansari	Chemistry	Asian Journal of Chemistry	2017	0975-427X	https://asianjournalofchemistry.co.in/user/journal/viewarticle.aspx?ArticleID=29_2_41
33	Formulation of Innovative Water Quality Index for Assesing Sugar Mill Effluent			Research Journal of Pharmaceutical Biological and Chemical Sciences	2018	0975-8585	https://www.rjpbcs.com/pdf/2018_9(6)/[73].pdf
34	A comparative analysis of ascorbic acid content in selected citrus fruits and manufactured tablets collected from periyakulam district, tamilnadu			Sadakath – A Research Bulletin	2019	2347-7644	https://drive.google.com/file/d/1CTpr8YqFnAzOvACNXuLz2_kxF6i2opI-/view?usp=sharing
35	Phytoremediation of laboratory waste water using ocimum sanctum, cymbopogon citratus aloe barbadensis and reusing for domestic purpose	Dr. M. A. Sabitha	Chemistry	Wutan Huatan Jisuan Jishu	2021	1001-1749	https://drive.google.com/file/d/1baMSyKBB65v3srcNS81-9UKQGIW7tj5X/view
36	Green synthesis and characterisation of reduced graphene oxide using polysacchrides extracted from solanum tuberosum peels			Wutan Huatan Jisuan Jishu	2021	1001-1749	https://drive.google.com/file/d/1G7GDuH2wnL1XHa_0nsQYUlyekmXEL2ur/view

37	Antimicrobial activity of combined extracts of carcoa papaya peels and glycyrrhiza glabra roots			GIS Science Journal	2021	1869-9391	https://drive.google.com/file/d/118GSLggnQt24Ie3fEP8ejgOI-d80rAOi/view
38	Design and one-pot synthesis of a novel pyrene based fluorescent sensor for selective “turn on”, naked eye detection of Ni ²⁺ ions, and live cell imaging	Dr. R. Imran Khan	Chemistry	Sensors and Actuators B: Chemical	2018	0925-4005	https://www.sciencedirect.com/science/article/abs/pii/S092540051830635X
39	Water-Soluble Palladium Complex of N'-(pyridin-2-yl) propane-1, 3-diamine modified β-Cyclodextrin: An efficient Catalyst for Transfer Hydrogenation of Carbonyl Compounds			ACS Sustainable Chem.Eng	2018	2168-0485	https://pubs.acs.org/doi/abs/10.1021/acssuschemeng.8b02787
40	Green synthesis and characterization of Fe doped ZnO nanoparticles and their interaction with bovine serum albumin			Journal of the Indian Chemical Society	2021	0019-4522	https://www.sciencedirect.com/science/article/abs/pii/S001945222100197Z