

Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution

S. No.	title of Paper	Author	Journal name	Year of publication	H Index
1	Phytochemical screening; green synthesis, characterization and biological significance of lead oxide nanoparticles from <i>Eucalyptus globulus</i> Labill. (leaves)	Giriraj Tailor	Nanotechnology for Environmental Engineering	2021	4
2	Modulation of Biofilm with synthesized silver nanoparticles from <i>Azadirachta indica</i>	Giriraj tailor	Current Research in Green and Sustainable Chemistry	2021	
3	Green synthesis of silver nanoparticles using <i>Ocimum canum</i> and their anti-bacterial activity	Giriraj tailor	Biochemistry and Biophysics Reports	2020	
4	Synthesis and characterization of cobalt nanocomposite using aniline-formaldehyde resin	Giriraj tailor	Composites Communications	2020	
5	Synthesis and biological function of Nickel and Copper nanoparticles	Giriraj tailor	Heliyon	2019	
6	Synthesis and characterization of chromium nanoparticles by thermal decomposition method	Giriraj tailor	Materials Today: Proceedings	2018	
7	DFT computation of quantum capacitance of pure and doped niobium nitrides for supercapacitor applications	Gulzar Ahmed	Ceramics International	2021	8
8	Theories and models of supercapacitors with recent advancements: impact and interpretations	Gulzar Ahmed	Nano Express	2021	
9	Ab initio study of anisotropic properties in isomorphous TiX_2 (X = S, Se, Te)	Gulzar Ahmed	International Journal of Quantum Chemistry	2021	
10	Determination of quantum capacitance of niobium nitrides Nb_2N and Nb_4N_3 for supercapacitor applications	Gulzar Ahmed	Journal of Composites Science	2021	
11	“In silico identification of ethoxy phthalimide pyrazole derivatives as IL-17A and IL-18 targeted gouty arthritis agents”	Nasir Hussain	Journal of Biomolecular Structure and Dynamics	2022	1
12	One-pot Synthesis of Bis[1-N,7-N-diethoxyphthalimido-4,4'-{3,5-dimethyl-4-(4-N,N-dimethyl Aminophenyl)-4,7-dihydro-1H-dipyrzolo[3,4-b;4',3'-e]Pyridin-8-yl}-phenyl] Compounds and Their Antiviral Evaluation Against Cytomegalovirus (CMV) and Varicella-zoster Virus (VZV) in Human Embryonic Lung (HEL) Cells	Nasir Hussain	Journal of Heterocyclic Chemistry	2017	

13	“In silico identification of ethoxy phthalimide pyrazole derivatives as IL-17A and IL-18 targeted gouty arthritis agents”	Mohammad Ashid	Journal of Biomolecular Structure and Dynamics	2022	1
14	One-pot Synthesis of Bis[1-N,7-N-diethoxyphthalimido-4,4'-(3,5-dimethyl-4-(4-N,N-dimethyl Aminophenyl)-4,7-dihydro-1H-dipyrazolo[3,4-b;4',3'-e]Pyridin-8-yl}-phenyl] Compounds and Their Antiviral Evaluation Against Cytomegalovirus (CMV) and Varicella-zoster Virus (VZV) in Human Embryonic Lung (HEL) Cells	Mohammad Ashid	Journal of Heterocyclic Chemistry	2017	
15	Trichloroisocyanuric acid-mediated synthesis of 1,5-fused 1,2,4-triazoles from N-heteroaryl benzamidines via intramolecular oxidative N–N bond formation	Bhupendra Kumar Sarma	Tetrahedron Letters	2019	5
16	A Convenient Synthesis of 1,5-Fused 1,2,4-Triazoles from N-Arylamidines via Chloramine-T Mediated Intramolecular Oxidative N-N Bond Formation	Bhupendra Kumar Sarma	Synthesis (Germany)	2019	
17	Microscopic study of zinc nanoparticles synthesised using thermosetting polymer	Deepshikha Verma	Applied Microscopy	2019	2
18	Synthesis and characterization of cobalt nanocomposite using aniline-formaldehyde resin	Deepshikha Verma	Composites Communications	2020	
	Role of capping in peptide synthesis	Deepshikha Verma	International Journal of Research in Pharmaceutical Sciences		
19	Nano-TiO ₂ enhances biofilm formation in a bacterial isolate from activated sludge of a waste water treatment plant	Ankita Mathur	International Biodeterioration and Biodegradation	2017	8
20	The effect of TiO ₂ nanoparticles on sulfate-reducing bacteria and their consortium under anaerobic conditions	Ankita Mathur	Journal of Environmental Chemical Engineering	2017	
21	In silico identification of ethoxy phthalimide pyrazole derivatives as IL-17A and IL-18 targeted gouty arthritis agents	Abhishek Kumar Verma	Journal of Biomolecular Structure and Dynamics	2022	6
22	Molecular docking and simulation studies of flavonoid compounds against PBP-2a of methicillin-resistant <i>Staphylococcus aureus</i>	Abhishek Kumar Verma	Journal of Biomolecular Structure and Dynamics	2022	
23	Screening and Optimization of Zinc Removal Potential in <i>Pseudomonas aeruginosa</i> -HMR1 and its Plant Growth-Promoting Attributes	Ali Asger Bhojia	Bulletin of Environmental Contamination and Toxicology	2022	

24	Molecular docking and simulation studies of flavonoid compounds against PBP-2a of methicillin-resistant <i>Staphylococcus aureus</i>	Ali Asger Bhojia	Journal of Biomolecular Structure and Dynamics	2022	11
25	Effect of microbial consortia on growth and yield of wheat under typical haplustepts	Ali Asger Bhojia	Plant Physiology Reports	2021	
26	Phenetic characterization of nitrogen fixing azotobacter from rhizospheric soil of Southern Rajasthan	Ali Asger Bhojia	Journal of Pure and Applied Microbiology	2021	
27	Phenetic characterization of nitrogen fixing azotobacter from rhizospheric soil of Southern Rajasthan	Ali Asger Bhojia	Current Microbiology	2021	
28	“In silico identification of ethoxy phthalimide pyrazole derivatives as IL-17A and IL-18 targeted gouty arthritis agents”	Ali Asger Bhojia	Journal of Biomolecular Structure and Dynamics	2022	
29	Soil Classification Characterization Using Image Processing	Shiv Kumar	Proceedings of the 2nd International Conference on Computing Methodologies and Communication, ICCMC 2018	2018	0
30	Discovery of a new species of Adder’s tongue fern from India with comparative analysis of morphological and molecular attributes	B. L. Yadav	Scientific Reports	2021	8
31	Student performance prediction using case based reasoning knowledge base system (CBR-KBS) based data mining	Sarvottam Dixit	International Journal of Information and Education Technology,	2022	1
32	Model transformation of declarative user interface from platform specific model to platform independent model using graphical notation	Sarvottam Dixit	International Journal of Innovative Technology and Exploring Engineering,	2019	
33	Use of nanomaterials in food science	Satish Ameta	Biogenic Nano-Particles and their Use in Agro-ecosystems,		2
34	Inhibition of multidrug resistance property of <i>Candida albicans</i> by natural compounds of <i>parthenium hysterophorus</i> L. An In-Silico approach	Mayadhar barik	Journal of Pharmacognosy and Phytochemistry	2020	
35	Molecular docking and simulation studies of flavonoid compounds against PBP-2a of methicillin-resistant <i>Staphylococcus aureus</i>	Mayadhar barik	Journal of Biomolecular Structure and Dynamics	2022	

36	Possible mechanical transmission of SARS-CoV-2 causing COVID-19 by insects: infection, prevention, implications, and control	Mayadhar barik	Open Journal of Medical Microbiology	2020	6
37	Molecular genetics involved in neural tube defects: Recent advances and future prospective for molecular medicine	Mayadhar barik	Neurology India	2020	
38	Ph-sensitive nanomedicine for treating gynaecological cancers	Mayadhar barik	Journal of Woman's Reproductive Health	2020	
39	AAROGYA SETU APP (APA) FOR COVID-19: RECENT ADVANCES AND FUTURE PROSPECTIVE”	Mayadhar barik	A text book of the SARS-Cov-2,	2020	
40	Synthesis, Characterization and Biological Activity of Some Indole Substituted Propanoic Acid	Ajit Joshi	Journal of Chemistry and Chemical Sciences	2019	
41	Design, Synthesis and Antimicrobial Screening of Novel Thiazolidinone Derivatives Linking to Triazole and N-ethoxyphthalimide	Ajit Joshi	Journal of Chemistry and Chemical Sciences	2017	
42	Synthesis and Thermal Properties of Copper Nanoparticles.	Ajit Joshi	Asian Journal of Chemistry	2017	6
43	One-pot Synthesis of Bis[1-N,7-N-diethoxyphthalimido-4,4'-{3,5-dimethyl-4-(4-N,N-dimethyl Aminophenyl)-4,7-dihydro-1H-dipyrazolo[3,4-b;4',3'-e]Pyridin-8-yl}-phenyl] Compounds and Their Antiviral Evaluation Against Cytomegalovirus (CMV) and Varicella-zoster Virus (VZV) in Human Embryonic Lung (HEL) Cells	Ajit Joshi	Journal of Heterocyclic Chemistry	2017	
44	Chemical composition and biological activity of calotropis gigantea leaf essential oil	Menka Suarana	European Chemical Bulletin,	2018	2