

॥ पढमं णाणं तओ दया ॥  
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**3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the year**



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Sr. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
1.	Fly ash based hybrid materials as mild reusable and highly efficient heterogeneous catalyst for the synthesis of amidoalkyl naphthol	U.G. Ghoshir, A.B. Gambhire	Chemistry	Int. J. Anal. Expt. Model analysis, XLV (VI)2022, ISSN: 0886-9367.	2022	ISSN: 0886-9367	<a href="https://ijaema.com/">https://ijaema.com/</a>
2.	Conversion of carbohydrates (glucose and fructose) into 5-HMF over solid acid loaded natural zeolite (PMA/NZ) catalyst	Sonal Gupta, A.B.Gambhire, Renuka Jain	Chemistry	Materials Letters X, 13 (2022) 100119	2022	ISSN: 2590-1508	<a href="https://www.sciencedirect.com/science/article/pii/S2590150821000600">https://www.sciencedirect.com/science/article/pii/S2590150821000600</a>
3.	Effect of Boron Doping on Structural, Optical, and Electrical Properties of Hydrogenated Nanocrystalline Silicon Thin Films Grown by the Catalytic Chemical Vapour Deposition	Bharat Gabhale, Haribhau Borate, Ajinkya Bhorde,Subhash Pandharkar, Ashvini Punde, Yogesh Hase, Shruti Shah, Ashish Waghmare, Bharat Bade,	Physics	ES Materials and Manufacturing, 18 (2022) 84-91.	2022	ISSN: 2578-062X	<a href="https://www.espublis her.com/journals/artic ledetails/725">https://www.espublis her.com/journals/artic ledetails/725</a>

	(Cat-CVD) Method	Mohit Prasad, Avinash Rokade1 and Sandesh Jadkar					
4.	Single-step Electrodeposition of Cu <sub>2</sub> ZnSnS <sub>4</sub> (CZTS) Thin Film: Influence of Complexing Agent Concentration	Haribhau Borate, Ajinkya Bhorde, Bharat Gabhale, Subhash Pandharkar, Mohit Prasad, Vidhika Sharma, Avinash Rokade and Sandesh Jadkar	Physics	ES Materials and Manufacturing, 17 (2022) 34-43.	2022	ISSN: 2578-062X	<a href="https://dx.doi.org/10.30919/esmm5f723">https://dx.doi.org/10.30919/esmm5f723</a>
5.	Role of Solvents in the Preparation of Methylammonium Bismuth Iodide (MBI) Perovskite Films for Self- Biased Photodetector Applications	Shruti Shah, Ajinkya Bhorde, Yogesh Hase, Rahul Aher, Vidya Doiphode, Ashish Waghmare, Ashvini Punde, Pratibha Shinde, Swati Rahane, Bharat R. Bade, Habib M. Pathan, Mohit Prasad, Mariya Aleksandrova,* Shashikant P.	Physics	ACS Applied Electronic Materials, 4(2022) 2793- 2804	2022	ISSN: 26376113	<a href="https://pubs.acs.org/doi/10.1021/acsaelm.2c00321?ref=pdf">https://pubs.acs.org/doi/10.1021/acsaelm.2c00321?ref=pdf</a>

		Patole, and Sandesh R. Jadkar					
6.	Insights into 4,4'-Arylmethylene-Bis-1H-Pyrazol-5-Ols Scaffolds: Various synthetic routes and their applications	A.B. Kangare, A.R. Yadav, A.P. Katariya, D.S. Bhagat, A.K. Dhus, D.N. Pansare, P.A. Nagwade, B. Kumar, J.N. Sangsheeti, S.U. Deshmukh	Chemistry	Chemistry Europe, doi.org/10.1002/slct.202204088 Volume8, Issue 4 January 27, 2023 e202204088	2023	ISSN: 2751-4765	<a href="https://chemistry-europe.onlinelibrary.wiley.com/doi/10.1002/slct.202204088">https://chemistry-europe.onlinelibrary.wiley.com/doi/10.1002/slct.202204088</a>
7.	Effect of Divalent / Trivalent Doping on Structural, Electrical and Magnetic Properties of Spinel Ferrite Nanoparticles	Mahesh B. Khanvilkar, Arvind K. Nikumbh, Ramdas A. Pawar, Neeta J. Karale, 1 Pratik A. Nagwade, Deepak V. Nighot, Gulab S. Gugale, Mohan D. Sangale, Sham B. Misal and Sharad P. Panchgalle	Chemistry	Eng. Sci., 22 (2023) 850. DOI: https://dx.doi.org/10.30919/es8d850	2023	ISSN: 2576-9898	<a href="https://www.espublis her.com/journals/artic ledetails/850">https://www.espublis her.com/journals/artic ledetails/850</a>

8.	Observation on the fecundity and gonadal index of the freshwater crab, <i>barytelphusa cunicularis</i> (decapoda brachyura)	B.R. Ghorpade	Zoology	J. Exp. Zool. India, Vol. 26. No. 1, pp 783-788, 2023, ID: <a href="https://connectjournals.com/03895,2023.26.783">https://connectjournals.com/03895,2023.26.783</a>	2023	ISSN: 0976-1780	<a href="https://connectjournals.com/pages/articleetails/toc036841">https://connectjournals.com/pages/articleetails/toc036841</a>
9.	Light-induced Photocatalytic Degradation of Methylene Blue observed using Mg-Cu-Cd Ferrite Nanoparticles	A.V. Bagade, P.A. Nagwade, A.V. Nagwade, S.R. Thopate, S.N. Pund	Chemistry	OJCHEG 2023, Vol. 39, No.(2): pp. 490-496	2023	ISSN: 0970-020 X	<a href="http://orientchem.org">Light- Induced Photocatalytic Degradation of Methylene Blue observed using Mg-Cu-Cd Ferrite Nanoparticles : Oriental Journal of Chemistry (orientchem.org)</a>