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Details of Research Publications

Sr. No.	Title of the paper	Name of Journal	Year of publication	ISSN number	DOI/Online link
1.	The Al ³⁺ doped modified ZnO sensor material: Fabrication, characterization and gas sensing characteristics of some environmental pollutant and greenhouse gases.	Journal of Physics: Conference Series	2023	1742-6596	Link
2.	The Augmentation of nanotechnology era: A concise review on fundamental concepts of nanotechnology and applications in material science and technology	Results in Chemistry	2022 January	2211-7156	Link
3.	Ferroso-ferric oxide (Fe ₃ O ₄) embedded g-C ₃ N ₄ nanocomposite sensor fabricated by photolithographic technique for environmental pollutant gas sensing and relative humidity characteristics,	Inorganic Chemistry Communications	2022	1387-7003	Link
4.	An Eco-friendly Method for the Synthesis of Solvent-Free Reaction of Oxazine Derivatives	Asian Journal of Organic & Medicinal	2022	2456-8937	=

		Chemistry			
5.	One Pot Synthesis, Spectroscopic Characterization, and Computational Studies of Benzo[d][1,3]dioxol-5-yl(3-(4-isopropylphenyl)oxiran-2-yl)methanone and Benzo[d][1,3]dioxol-5-yl(3-(4-chlorophenyl)oxiran-2-yl)methanone	Asian Journal of Organic & Medicinal Chemistry	2022	2456-8937	=
6.	Designing of screen-printed stannous oxide thick film sensors modified by cobalt and nitrogen for sensing some toxic gases and volatile organic compounds,	Current Research in Green and Sustainable Chemistry	2021	2666-0865	Link
7.	Fabrication, characterization and exploration of cobalt (II) ion doped, modified zinc oxide thick film sensor for gas sensing characteristics of some pernicious gases	Journal of the Indian Chemical Society	2021	0019-4522	Link
8.	A Systematic Review: Use Of Chloroquine And Hydroxychloroquine In Covid-19	World Journal of Pharmaceutical Research	2022	2277– 7105	Link
9.	Green Synthesis of Ceria Nanoparticles using Azadirachta Indica Plant Extract: Characterization, Gas Sensing and Antibacterial Studies,	Material Science Research India	2021	2394-0565	Link

10.	Enhanced Photocatalytic activity of two dimensional graphitic C ₃ N ₄ @Co ₃ O ₄ core shell nanocomposite for discriminatory organic transformation under Hg-vapour reactor.	Material Science Research India	2021	2394-0565	Link
11.	Computational chemistry: molecular structure, spectroscopic (uv-visible and ir), Electronic, chemical and thermochemical analysis of 3'-phenyl-1,2-Dihydrospiro[indeno[5,4-b]furan-7,2'-oxiran]-8(6h)-one	Journal of Advanced Scientific Research	2021	0976-9595	Link
12.	A Systematic Review on Synthesis of Zinc Oxide Nanoparticles and Antibacterial Activity	Journal of Emerging Technologies and Innovative Research (JETIR)	2021	2349-5162	Link
13.	A Literature Review on: Synthesis Approaches of Metal doped Titanium Dioxide	Journal of Emerging Technologies and Innovative Research (JETIR)	2019	2349-5162	Link
14.	Preformulation Study of Piroxicam	International Journal of Pharmaceutical	2019	2320-5148	Link

		Sciences and Research			
15.	Development of Proniosomal Drug Delivery with Different Type of Penetration Enhancers	International Journal of PharmTech research,	2018	0974-4304	Link
16.	Solubility and Molecular Forces	International Journal of Current Advanced Research	2017	2319-6475	Link
17.	Green chemistry: Need of present and future	Research journey	2017	-	Conference Article
18.	Proniosome: A Novel Non-ionic Provesicules as Potential Drug Carrier,	Asian Journal of Pharmaceutics	2016	1998-409X	Link
19.	Measurement on Solubility and Density of Benzoic Acid in Water, Ethanol and Their Solvent Mixtures At Various Temperatures And Its Thermodynamics Parameter	Researchers' world	2016	2348-7143	Conference Article