

M Vinuth

List of Publications by Year in descending order

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15
papers

563
citations

1163117
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h-index

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all docs

15
docs citations

15
times ranked

580
citing authors

#	ARTICLE	IF	CITATIONS
1	Green synthesis of zinc ferrite nanoparticles in Limonia acidissima juice: Characterization and their application as photocatalytic and antibacterial activities. Microchemical Journal, 2019, 146, 1227-1235.	4.5	135
2	Green synthesis of zinc doped cobalt ferrite nanoparticles: Structural, optical, photocatalytic and antibacterial studies. Nano Structures Nano Objects, 2019, 19, 100322.	3.5	98
3	Effect of aluminium doping on structural, optical, photocatalytic and antibacterial activity on nickel ferrite nanoparticles by sol-gel auto-combustion method. Journal of Materials Science: Materials in Electronics, 2018, 29, 20395-20414.	2.2	89
4	Microwave-Assisted ZrO ₂ Nanoparticles and Its Photocatalytic and Antibacterial Studies. Journal of Cluster Science, 2019, 30, 311-318.	3.3	64
5	Multifunctional properties of microwave-assisted bioengineered nickel doped cobalt ferrite nanoparticles. Journal of Sol-Gel Science and Technology, 2019, 91, 578-595.	2.4	49
6	Green synthesis of Lawsonia inermis-mediated zinc ferrite nanoparticles for magnetic studies and anticancer activity against breast cancer (MCF-7) cell lines. Journal of Materials Science: Materials in Electronics, 2020, 31, 8589-8596.	2.2	49
7	Influence of Sn and Mn on structural, optical and magnetic properties of spray pyrolysed CdS thin films. Materials Research Innovations, 2020, 24, 82-86.	2.3	37
8	Environmental Remediation of Hexavalent Chromium in Aqueous Medium Using Fe(II)-Montmorillonite as Reductant. Procedia Earth and Planetary Science, 2015, 11, 275-283.	0.6	8
9	Photocatalytic degradation of dyes by cobalt ferrite nanoparticles synthesized by sol-gel method. AIP Conference Proceedings, 2020, , .	0.4	8
10	Development and visualization of level II, III features of latent fingerprints using some new 4-(4-substitutedphenyl)-6-(4-substitutedphenyl)-2-oxo-1,2-dihydropyridine-3-carbonitrile derivatives: Synthesis, characterization, optoelectronic and DFT studies. Journal of the Indian Chemical Society, 2022, 99, 100388.	2.8	7
11	Environmentally benign Fe(III)-montmorillonite for rapid adsorption of methylene blue dye in aqueous medium under ambient conditions. Fashion and Textiles, 2017, 4, .	2.4	6
12	Enhanced removal of methylene blue dye in aqueous solution using eco-friendly Fe(III)-montmorillonite. Materials Today: Proceedings, 2017, 4, 424-433.	1.8	6
13	Investigation on the structural and optical properties of hexamethylene tetramine (HMTA) capped ZnS:Mn nanocrystals synthesized by microwave irradiation method. Materials Today: Proceedings, 2017, 4, 3932-3941.	1.8	5
14	Optical Characterization of EDTA-assisted CdS:Mn Nanoparticles Synthesized by Sonochemical Method. Materials Today: Proceedings, 2017, 4, 8336-8344.	1.8	1
15	Rapid Adsorption Of Malachite Green Dye Using Eco-friendly Fe (III) - Montmorillonite: Effective Clay Mineral For Dye Effluents Containing Wastewater. Advanced Materials Letters, 2017, 8, 49-57.	0.6	1