

Vani R Desai

List of Publications by Year in descending order

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papers

233
citations

1163117

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all docs

20
docs citations

20
times ranked

222
citing authors

#	ARTICLE	IF	CITATIONS
1	Biogenic and chemogenic synthesis of TiO ₂ NPs via hydrothermal route and their antibacterial activities. RSC Advances, 2016, 6, 97438-97444.	3.6	37
2	One-step synthesis and characterizations of cerium oxide nanoparticles in an ambient temperature via Co-precipitation method. AIP Conference Proceedings, 2018, , .	0.4	33
3	Synthesis of cerium-oxide NPs and their surface morphology effect on biological activities. Bulletin of Materials Science, 2020, 43, 1.	1.7	26
4	Solvent Effects on the Electronic Absorption and Fluorescence Spectra of HNP: Estimation of Ground and Excited State Dipole Moments. Journal of Fluorescence, 2016, 26, 1391-1400.	2.5	25
5	Photocatalysis effect of a novel green synthesis gadolinium doped titanium dioxide nanoparticles on their biological activities. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 346, 159-167.	3.9	21
6	Steady state absorption and fluorescence study: Estimation of ground and excited state dipole moments of newly synthesized pyridazin-3(2H)-one derivatives. Journal of Molecular Liquids, 2016, 223, 141-149.	4.9	18
7	Spectroscopic interactions of titanium dioxide nanoparticles with pharmacologically active 3(2H)-pyridazin-3-one molecule. Journal of Molecular Liquids, 2017, 225, 613-620.	4.9	14
8	Spectroscopic studies on newly synthesized 5-(2-hydroxy-5-methoxy-phenyl)-2-phenyl-2H-pyridazin-3-one molecule. Journal of Molecular Liquids, 2017, 225, 613-620.	4.9	11
9	Effect of solvent polarity on the fluorescence quenching of TMC molecule by aniline in benzene-acetonitrile mixtures. Canadian Journal of Physics, 2016, 94, 1125-1132.	1.1	9
10	Estimation of Photophysical and Electrochemical Parameters of Bioactive Thiadiazole Derivative. Journal of Fluorescence, 2020, 30, 741-750.	2.5	8
11	Fluorescence Quenching of DMB by Aniline in Benzene-Acetonitrile Mixture. International Letters of Chemistry, Physics and Astronomy, 0, 65, 32-36.	0.0	7
12	Analysis of Fluorescence Quenching for Newly Synthesized Biologically Active 3(2H)-pyridazinone Derivative by Aniline. Journal of Fluorescence, 2017, 27, 1839-1846.	2.5	4
13	Influence of concentrations of TiO ₂ nanoparticles on spectroscopic properties of a novel HMPP molecule. Journal of Molecular Liquids, 2019, 273, 83-87.	4.9	4
14	Re-usage of the Waste Drug as Molecular Chemosensor for Fe ³⁺ Ion: Application towards Fluorescent Ink. Journal of Fluorescence, 2020, 30, 1025-1033.	2.5	4
15	Study of Photophysical Properties on Newly Synthesized Coumarin Derivatives. Journal of Fluorescence, 2017, 27, 2223-2229.	2.5	3
16	Free Radical Scavenging Activities of Thermally Stable Green Synthesized Titanium Dioxide Nanoparticles. Advanced Science, Engineering and Medicine, 2017, 9, 453-460.	0.3	3
17	Study of Fluorescence Quenching on Novel Coumarin Derivatives by Aniline in Different Solvents. Journal of Solution Chemistry, 2017, 46, 1328-1336.	1.2	2
18	Photophysical Properties of a Novel and Biologically Active 3(2H)-Pyridazinone Derivative Using Solvatochromic Approach. Journal of Fluorescence, 2017, 27, 1793-1800.	2.5	2

#	ARTICLE	IF	CITATIONS
19	Study of fluorescence quenching of Benzofuran derivative using zinc oxide NPs: Solvent effect. AIP Conference Proceedings, 2020, , .	0.4	1
20	Influence of Fe ³⁺ Ion Substitution on Thermal and Dielectric Properties of Titanium Dioxide. International Letters of Chemistry, Physics and Astronomy, 0, 67, 9-13.	0.0	1