

M Malligavathy

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

260
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

417
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of oxygen vacancies in Ce coupled TiO ₂ nanocomposites by Raman and PL spectra. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2017, 8, 015015.	1.5	77
2	Growth and characteristics of amorphous Sb ₂ Se ₃ thin films of various thicknesses for memory switching applications. <i>Journal of Non-Crystalline Solids</i> , 2015, 429, 93-97.	3.1	32
3	Controllable synthesis of β and γ -Bi ₂ O ₃ through anodization of thermally evaporated bismuth and its characterization. <i>Solid State Ionics</i> , 2016, 298, 23-34.	2.7	30
4	Structural, morphological, and optical properties of tin(IV) oxide nanoparticles synthesized using <i>Camellia sinensis</i> extract: a green approach. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2017, 24, 1043-1051.	4.9	29
5	Photoreduction synthesis of silver on Bi ₂ O ₃ /TiO ₂ nanocomposites and their catalytic activity for the degradation of methyl orange. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 18307-18321.	2.2	28
6	Remarkable catalytic activity of Bi ₂ O ₃ /TiO ₂ nanocomposites prepared by hydrothermal method for the degradation of methyl orange. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	1.9	25
7	Optimising the crystallinity of anatase TiO ₂ nanospheres for the degradation of Congo red dye. <i>Journal of Experimental Nanoscience</i> , 2016, 11, 1074-1086.	2.4	13
8	Effect of anodization time on the growth of twinned pyramid crystals of bismite from polyhedral bismuth particle by facile electrolysis-based oxidation. <i>Particulate Science and Technology</i> , 2018, 36, 655-659.	2.1	11
9	Phase Purity Analysis and Optical Studies of Bi ₂ O ₃ Nanoparticles Suitable for Photocatalytic Activity. <i>International Journal of Nanoscience</i> , 2018, 17, 1760040.	0.7	8
10	Role of hydrothermal temperature on crystallinity, photoluminescence, photocatalytic and gas sensing properties of TiO_2 nanoparticles. <i>Pramana - Journal of Physics</i> , 2018, 90, 1.	1.8	7