

Asha Anish Madhavan

List of Publications by Year in descending order

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975
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrospun Fe_2O_3 nanostructures for supercapacitor applications. Journal of Materials Chemistry A, 2013, 1, 11698.	10.3	215
2	Electrical and optical properties of electrospun TiO_2 -graphene composite nanofibers and its application as DSSC photo-anodes. RSC Advances, 2012, 2, 13032.	3.6	87
3	A facile approach for high surface area electrospun TiO_2 nanostructures for photovoltaic and photocatalytic applications. Dalton Transactions, 2014, 43, 4830.	3.3	27
4	Flower-shaped anatase TiO_2 mesostructures with excellent photocatalytic properties. RSC Advances, 2014, 4, 1421-1424.	3.6	21
5	Electrospun continuous nanofibers based on a TiO_2 - ZnO -graphene composite. RSC Advances, 2013, 3, 25312.	3.6	20
6	Ultrafine TiO_2 nanofibers for photocatalysis. RSC Advances, 2013, 3, 24858.	3.6	16
7	Optimization and Thermal Analysis of Fe_2O_3 Nanoparticles Embedded Myristic Acid-Lauric Acid Phase Change Material. Journal of Electronic Materials, 2021, 50, 1608-1614.	2.2	13
8	Effect of Embedded Plasmonic Au Nanoparticles on Photocatalysis of Electrospun TiO_2 Nanofibers. Journal of Nanoscience and Nanotechnology, 2012, 12, 7963-7967.	0.9	12
9	Molten Salt Synthesized TiO_2 -Graphene Composites for Dye Sensitized Solar Cells Applications. Science of Advanced Materials, 2014, 6, 828-834.	0.7	10
10	A review on the structure, properties and characterization of 2D Molybdenum Disulfide. , 2019, , .		9
11	One-pot synthesis of MoS_2 nanoflowers for thermal energy storage applications. Materials Letters, 2021, 302, 130343.	2.6	9
12	Green synthesized gold nanoparticles with enhanced photocatalytic activity. Materials Today: Proceedings, 2021, 42, 1166-1169.	1.8	9
13	Latent fingerprint development with biosynthesized Nano rust. , 2019, , .		3
14	Green synthesized Fe_2O_3 mesoporous network for heterogeneous Fenton oxidation of thiazine dye. Materials Letters: X, 2020, 5, 100037.	0.7	3
15	Fe_2O_3 based Nanocomposites for Enhanced Thermal Energy Storage. , 2020, , .		3
16	Camphoric based Nano carbon for the visual enhancement of latent fingerprints. , 2020, , .		1
17	Facile Fabrication of 1-D Hierarchical TiO_2 Nanomorphology and Its Application in Dye Sensitized Solar Cell. Springer Proceedings in Energy, 2020, , 65-72.	0.3	0
18	Increased Heat Transfer Characteristics of Molten Salt-Synthesized Titania Nanoparticles Embedded in Palmitic Acid. Springer Proceedings in Energy, 2022, , 103-110.	0.3	0