

Asha Anish Madhavan

List of Publications by Year in descending order

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18
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975
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#	ARTICLE	IF	CITATIONS
1	Increased Heat Transfer Characteristics of Molten Salt-Synthesized Titania Nanoparticles Embedded in Palmitic Acid. Springer Proceedings in Energy, 2022, , 103-110.	0.3	0
2	Optimization and Thermal Analysis of Fe ₂ O ₃ Nanoparticles Embedded Myristic Acid-Lauric Acid Phase Change Material. Journal of Electronic Materials, 2021, 50, 1608-1614.	2.2	13
3	One-pot synthesis of MoS ₂ nanoflowers for thermal energy storage applications. Materials Letters, 2021, 302, 130343.	2.6	9
4	Green synthesized gold nanoparticles with enhanced photocatalytic activity. Materials Today: Proceedings, 2021, 42, 1166-1169.	1.8	9
5	Green synthesized γ -Fe ₂ O ₃ mesoporous network for heterogeneous Fenton oxidation of thiazine dye. Materials Letters: X, 2020, 5, 100037.	0.7	3
6	Camphoric based Nano carbon for the visual enhancement of latent fingerprints. , 2020, , .		1
7	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
8	Fe ₂ O ₃ based Nanocomposites for Enhanced Thermal Energy Storage. , 2020, , .		3
9	Latent fingerprint development with biosynthesized Nano rust. , 2019, , .		3
10	A review on the structure, properties and characterization of 2D Molybdenum Disulfide. , 2019, , .		9
11	A facile approach for high surface area electrospun TiO ₂ nanostructures for photovoltaic and photocatalytic applications. Dalton Transactions, 2014, 43, 4830.	3.3	27
12	Flower-shaped anatase TiO ₂ mesostructures with excellent photocatalytic properties. RSC Advances, 2014, 4, 1421-1424.	3.6	21
13	Molten Salt Synthesized TiO ₂ -Graphene Composites for Dye Sensitized Solar Cells Applications. Science of Advanced Materials, 2014, 6, 828-834.	0.7	10
14	Electrospun continuous nanofibers based on a TiO ₂ â€“ZnOâ€“graphene composite. RSC Advances, 2013, 3, 25312.	3.6	20
15	Ultrafine TiO ₂ nanofibers for photocatalysis. RSC Advances, 2013, 3, 24858.	3.6	16
16	Electrospun γ -Fe ₂ O ₃ nanostructures for supercapacitor applications. Journal of Materials Chemistry A, 2013, 1, 11698.	10.3	215
17	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
18	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