

P M Aneesh

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient degradation of methylene blue: A comparative study using hydrothermally synthesised SnS ₂ , WS ₂ and VS ₂ nanostructures. Materials Research Bulletin, 2022, 146, 111623.	5.2	11
2	Fabrication of transparent p-CuI/n-ZnO heterojunctions using solution-processed spin coating technique. Physica B: Condensed Matter, 2022, 639, 414020.	2.7	0
3	Structural, optical, magnetic and electrochemical properties of hydrothermally synthesized WS ₂ nanoflakes. Journal of Materials Research, 2021, 36, 884-895.	2.6	9
4	MoS ₂ nanoparticles induce behavioral alteration and oxidative stress mediated cellular toxicity in the social insect Oecophylla smaragdina (Asian weaver ant). Journal of Hazardous Materials, 2020, 385, 121624.	12.4	18
5	Structural, optical and magnetic properties of SnS ₂ nanoparticles and photo response characteristics of p-Si/n-SnS ₂ heterojunction diode. Applied Surface Science, 2020, 528, 146977.	6.1	29
6	Structural and optical properties of V ₂ O ₅ nanostructures grown by thermal decomposition technique. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	23
7	Enhancement in the Selectivity and Sensitivity of Ni and Pd Functionalized MoS ₂ Toxic Gas Sensors. Journal of the Electrochemical Society, 2020, 167, 106506.	2.9	20
8	Optical Properties of Quantum Well Structures. Materials Horizons, 2020, , 129-154.	0.6	0
9	Optical Properties of Metal, Semiconductor and Ceramic Nanostructures Grown by Liquid Phase-Pulsed Laser Ablation. Materials Horizons, 2020, , 103-128.	0.6	1
10	Growth and characterization of In_2S_3 -MoO ₃ thin films grown by spray pyrolysis technique. AIP Conference Proceedings, 2019, , .	0.4	2
11	Phase Engineering from 2H to 1T-MoS ₂ for Efficient Ammonia PL Sensor and Electrocatalyst for Hydrogen Evolution Reaction. Journal of the Electrochemical Society, 2019, 166, H263-H271.	2.9	26
12	Enhanced optical, magnetic and hydrogen evolution reaction properties of Mo _{1-x} Ni _x S ₂ nanoflakes. RSC Advances, 2019, 9, 13465-13475.	3.6	13
13	Structural and optical studies of hydrothermally synthesised WS ₂ -WO ₃ nanorods. AIP Conference Proceedings, 2019, , .	0.4	0
14	MoS ₂ -ZnO nanocomposites as highly functional agents for anti-angiogenic and anti-cancer theranostics. Journal of Materials Chemistry B, 2018, 6, 3048-3057.	5.8	28
15	Effect of growth techniques on the structural and optical properties of TiO ₂ nanostructures. Materials Research Express, 2018, 5, 015031.	1.6	10
16	Excitation-wavelength dependent upconverting surfactant free MoS ₂ nanoflakes grown by hydrothermal method. Journal of Luminescence, 2017, 192, 6-10.	3.1	17
17	Room temperature ferromagnetism in Zn _{1-x} Ni _x O nanostructures synthesized by chemical precipitation method. Materials Research Express, 2017, 4, 105905.	1.6	2
18	Structural and optical studies of hydrothermally synthesized MoS ₂ nanostructures. AIP Conference Proceedings, 2016, , .	0.4	0

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19	Wasp-waisted magnetism in hydrothermally grown MoS ₂ nanoflakes. Materials Research Express, 2016, 3, 116102.	1.6	21
20	Semiconducting Fabrics by In Situ Topochemical Synthesis of Polydiacetylene: A New Dimension to the Use of Organogels. Angewandte Chemie - International Edition, 2016, 55, 2345-2349.	13.8	37
21	Observation of Room Temperature Photoluminescence from Asymmetric CuGaO ₂ /ZnO/ZnMgO Multiple Quantum Well Structures. Journal of Nanoscience and Nanotechnology, 2015, 15, 3944-3950.	0.9	2
22	Assembly of Zinc Oxide Nanostructures by Dielectrophoresis for Sensing Devices. Lecture Notes in Electrical Engineering, 2014, , 261-264.	0.4	0
23	Highly luminescent undoped and Mn-doped ZnS nanoparticles by liquid phase pulsed laser ablation. Applied Physics A: Materials Science and Processing, 2014, 116, 1085-1089.	2.3	13
24	Focused ion beam strategy for nanostructure milling in doped silicon oxide layer for light trapping applications. Vacuum, 2014, 99, 135-142.	3.5	9
25	The effect of solvent on the morphology of ZnO nanostructure assembly by dielectrophoresis and its device applications. Electrophoresis, 2012, 33, 2086-2093.	2.4	2
26	Liquid Phase Pulsed Laser Ablation of Metal Nanoparticles for Nonlinear Optical Applications. Science of Advanced Materials, 2012, 4, 439-448.	0.7	7
27	Linear and Nonlinear Optical Properties of Multi Walled Carbon Nanotubes with Attached Gold Nanoparticles. Journal of the Electrochemical Society, 2011, 158, K187.	2.9	19
28	Co ²⁺ doped ZnO nanoflowers grown by hydrothermal method. Journal of the Ceramic Society of Japan, 2010, 118, 333-336.	1.1	13
29	Red luminescence from hydrothermally synthesized Eu-doped ZnO nanoparticles under visible excitation. Bulletin of Materials Science, 2010, 33, 227-231.	1.7	64
30	Growth of ITO thin films on polyimide substrate by bias sputtering. Materials Science in Semiconductor Processing, 2010, 13, 64-69.	4.0	5
31	Linear and nonlinear optical properties of luminescent ZnO nanoparticles embedded in PMMA matrix. Optics Communications, 2010, 283, 2908-2913.	2.1	73
32	Violet luminescence from ZnO nanorods grown by room temperature pulsed laser deposition. Current Applied Physics, 2010, 10, 693-697.	2.4	37
33	Growth of vertically aligned ZnO nanorods on various substrates by hydrothermal method. Proceedings of SPIE, 2010, , .	0.8	3
34	Size-Dependent Optical Nonlinearity of Au Nanocrystals. Journal of the Electrochemical Society, 2009, 156, K167.	2.9	19
35	Hydrothermal Synthesis and Characterization of Undoped and Eu-Doped ZnGa ₂ O ₄ Nanoparticles. Journal of the Electrochemical Society, 2009, 156, K33.	2.9	50
36	Synthesis of ZnO nanoparticles by hydrothermal method. Proceedings of SPIE, 2007, , .	0.8	132

#	ARTICLE	IF	CITATIONS
37	Photonic crystal electrode to be used in organic LED structures. Journal of the European Optical Society-Rapid Publications, 0, 8, .	1.9	11