

Santhosh Kumar A

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

330
citations

1040056

9
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

462
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel cost-effective and electrocatalytically active intermetallic nickel aluminide counter electrode for dye sensitized solar cells. Nano Express, 2020, 1, 030029.	2.4	0
2	Electromagnetic interference shielding effectiveness of amorphous and nanocomposite soft magnetic ribbons. Physica B: Condensed Matter, 2019, 568, 13-17.	2.7	10
3	Enhanced Photocatalytic Activity of Magnetic BaFe ₁₂ O ₁₉ Nanoplatelets than TiO ₂ with Emphasis on Reaction Kinetics, Mechanism, and Reusability. Industrial & Engineering Chemistry Research, 2018, 57, 16192-16200.	3.7	18
4	Photoluminescence quenching and enhanced spin relaxation in Fe doped ZnO nanoparticles. Materials Chemistry and Physics, 2017, 195, 58-66.	4.0	19
5	Enhanced absorption of microwave radiations through flexible polyvinyl alcohol-carbon black/barium hexaferrite composite films. Journal of Applied Physics, 2016, 120, .	2.5	44
6	Polymer assisted preparation and characterization of ZnO and Sn doped ZnO nanostructures. IOP Conference Series: Materials Science and Engineering, 2015, 73, 012077.	0.6	5
7	Fabrication and characterization of ZnO/Al/ZnO multilayers by simultaneous DC and RF magnetron sputtering. IOP Conference Series: Materials Science and Engineering, 2015, 73, 012071.	0.6	0
8	Influence of Sn doping on photoluminescence and photoelectrochemical properties of ZnO nanorod arrays. Electronic Materials Letters, 2014, 10, 753-758.	2.2	18
9	Structural, linear, and nonlinear optical properties of radio frequency-sputtered nitrogen-doped ZnO thin films studied using z-scan technique. Laser Physics, 2014, 24, 085402.	1.2	11
10	Preparation, characterization and photoelectrochemical properties of hydrophilic Sn doped TiO ₂ nanostructures. Materials Letters, 2014, 123, 149-152.	2.6	12
11	Third-order nonlinear optical properties of Mn doped ZnO thin films under cw laser illumination. Optical Materials, 2013, 35, 431-439.	3.6	174
12	Effect of Sn doping on structural, optical, electrical and wettability properties of oriented ZnO nanorod arrays. Journal of Materials Science: Materials in Electronics, 2013, 24, 3812-3822.	2.2	12
13	Growth and temperature dependent electrical properties of ZnO nanostructures. , 2013, , .		2
14	Aluminum Doped ZnO Thin Films by RF Sputtering of Coaxial ZnO and Al Targets. , 2011, , .		2
15	Polymer Assisted Synthesis and Characterization of Fine ZnWO ₄ . Advanced Materials Research, 0, 678, 22-26.	0.3	3