

Arpita Jana

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

263
citations

1040056

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h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

465
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of graphene-transition metal oxide hybrid nanoparticles and their application in various fields. Beilstein Journal of Nanotechnology, 2017, 8, 688-714.	2.8	93
2	Luminescent core-shell nanostructures of silicon and silicon oxide: Nanodots and nanorods. Journal of Applied Physics, 2010, 107, .	2.5	40
3	A comparative study on the dye sensitized solar cell performance of solution processed ZnO. Solar Energy, 2014, 102, 143-151.	6.1	29
4	Photochemical performance of ZnO nanostructures in dye sensitized solar cells. Solid State Sciences, 2015, 48, 237-243.	3.2	20
5	Superparamagnetic iron oxide nanoparticle attachment on array of micro test tubes and microbeakers formed on p-type silicon substrate for biosensor applications. Nanoscale Research Letters, 2011, 6, 540.	5.7	17
6	Study of Optical and Magnetic Properties of Graphene-Wrapped ZnO Nanoparticle Hybrids. Langmuir, 2018, 34, 1497-1505.	3.5	14
7	Formation and assembly of blue emitting water lily type ZnO flowers. Solid State Sciences, 2011, 13, 1633-1637.	3.2	13
8	Synthesis of blue emitting ZnO nanorods exhibiting room temperature ferromagnetism. Materials Chemistry and Physics, 2013, 139, 431-436.	4.0	12
9	Microwave-Assisted Synthesis of ZnO-rGO Core-Shell Nanorod Hybrids with Photo- and Electro-Catalytic Activity. Chemistry - A European Journal, 2020, 26, 6703-6714.	3.3	11
10	Photoluminescence From Oxidized Macroporous Silicon: Nanoripples and Strained Silicon Nanostructures. IEEE Transactions on Device and Materials Reliability, 2013, 13, 87-92.	2.0	8
11	Tunable charge transport through n-ZnO nanorods on Au coated macroporous p-Si. Journal of Materials Chemistry C, 2014, 2, 9613-9619.	5.5	6