

Sankara Rao Gollu

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

374
citations

1163117
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1588992
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g-index

10
all docs

10
docs citations

10
times ranked

596
citing authors

#	ARTICLE	IF	CITATIONS
1	Light metal decorated graphdiyne nanosheets for reversible hydrogen storage. Nanotechnology, 2018, 29, 355401.	2.6	83
2	Dual role of boron in improving electrical performance and device stability of low temperature solution processed ZnO thin film transistors. Applied Physics Letters, 2015, 107, .	3.3	81
3	Incorporation of silver and gold nanostructures for performance improvement in P3HT: PCBM inverted solar cell with rGO/ZnO nanocomposite as an electron transport layer. Organic Electronics, 2016, 29, 79-87.	2.6	57
4	Device stability of inverted and conventional bulk heterojunction solar cells with MoO ₃ and ZnO nanoparticles as charge transport layers. Organic Electronics, 2013, 14, 3083-3088.	2.6	43
5	Effects of incorporation of copper sulfide nanocrystals on the performance of P3HT: PCBM based inverted solar cells. Organic Electronics, 2014, 15, 2518-2525.	2.6	38
6	Incorporation of SiO ₂ dielectric nanoparticles for performance enhancement in P3HT:PCBM inverted organic solar cells. Organic Electronics, 2015, 24, 43-50.	2.6	32
7	Nanoscale Conductive Filament with Alternating Rectification as an Artificial Synapse Building Block. ACS Nano, 2018, 12, 5946-5955.	14.6	25
8	GaAs metal-oxide-semiconductor based nonvolatile memory devices embedded with ZnO quantum dots. Journal of Applied Physics, 2013, 114, 084509.	2.5	10
9	Enhanced efficiency of inverted bulk heterojunction solar cells with embedded silica nanoparticles. , 2014, , .		3
10	Thermal annealing study on P3HT: PCBM based bulk heterojunction organic solar cells using impedance spectroscopy. , 2014, , .		2