

A Arivarasan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7113429/publications.pdf>

Version: 2024-02-01

11
papers

267
citations

840776

11
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

235
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical property analysis of zinc vanadate nanostructure for efficient supercapacitors. <i>Materials Science in Semiconductor Processing</i> , 2020, 106, 104785.	4.0	45
2	Structural, optical and photovoltaic properties of co-doped CdTe QDs for quantum dots sensitized solar cells. <i>Superlattices and Microstructures</i> , 2015, 88, 634-644.	3.1	34
3	Evaluation of Reaction Parameters Dependent Optical Properties and Its Photovoltaics Performances of CdTe QDs. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 1263-1275.	3.7	32
4	Decoration of CeO ₂ nanoparticles on hierarchically porous MnO ₂ nanorods and enhancement of supercapacitor performance by redox additive electrolyte. <i>Journal of Alloys and Compounds</i> , 2021, 861, 158456.	5.5	32
5	In situ synthesis of CdTe:CdS quantum dot nanocomposites for photovoltaic applications. <i>Materials Science in Semiconductor Processing</i> , 2014, 25, 238-243.	4.0	23
6	Photovoltaic Performances of Yb Doped CdTe QDs Sensitized TiO ₂ Photoanodes for Solar cell Applications. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 29, 859-868.	3.7	22
7	Enhanced electrochemical performance of copper vanadate nanorods as an electrode material for pseudocapacitor application. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 7012-7021.	2.2	20
8	Studies on electrochemical mechanism of nanostructured cobalt vanadate electrode material for pseudocapacitors. <i>Journal of Energy Storage</i> , 2021, 41, 102986.	8.1	17
9	Electrochemical evaluation of binary Ni ₂ V ₂ O ₇ nanorods as pseudocapacitor electrode material. <i>Ceramics International</i> , 2020, 46, 22709-22717.	4.8	16
10	Hierarchical porous CeO ₂ micro rice-supported Ni foam binder-free electrode and its enhanced pseudocapacitor performance by a redox additive electrolyte. <i>New Journal of Chemistry</i> , 2021, 45, 12808-12817.	2.8	13
11	High-performance nickel sulfide modified electrode material from single-source precursor for energy storage application. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 20058-20070.	2.2	13