

J Sharath Kumar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/681115/publications.pdf>

Version: 2024-02-01

10
papers

450
citations

1162889

8
h-index

1372474

10
g-index

11
all docs

11
docs citations

11
times ranked

701
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of active surface area of flower like MoS ₂ using V-doping towards enhanced hydrogen evolution reaction in acidic and basic medium. <i>Applied Catalysis B: Environmental</i> , 2019, 254, 432-442.	10.8	185
2	Development of carbon coated NiS ₂ as positive electrode material for high performance asymmetric supercapacitor. <i>Composites Part B: Engineering</i> , 2019, 177, 107373.	5.9	72
3	Superior performance of asymmetric supercapacitor based on reduced graphene oxide@manganese carbonate as positive and sono-chemically reduced graphene oxide as negative electrode materials. <i>Journal of Power Sources</i> , 2016, 303, 222-233.	4.0	65
4	One pot synthesis of Cu ₂ O/RGO composite using mango bark extract and exploration of its electrochemical properties. <i>Electrochimica Acta</i> , 2016, 193, 104-115.	2.6	48
5	Novel synthesis of a Cu ₂ O@graphene nanoplatelet composite through a two-step electrodeposition method for selective detection of hydrogen peroxide. <i>New Journal of Chemistry</i> , 2018, 42, 3574-3581.	1.4	21
6	Controlled electrodeposition of iron oxide/nickel oxide@Ni for the investigation of the effects of stoichiometry and particle size on energy storage and water splitting applications. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9657-9664.	5.2	19
7	Recent trends in the graphene-based sensors for the detection of hydrogen peroxide. <i>AIMS Materials Science</i> , 2018, 5, 422-466.	0.7	17
8	Electrochemical Detection of H ₂ O ₂ Using Copper Oxide-Reduced Graphene Oxide Heterostructure. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 5295-5302.	0.9	13
9	Synthesis of Tri-functional Core-shell CuO@carbon Quantum Dots@carbon Hollow Nanospheres Heterostructure for Non-enzymatic H ₂ O ₂ Sensing and Overall Water Splitting Applications. <i>Electroanalysis</i> , 2019, 31, 2120-2129.	1.5	6
10	A SILAR method for the fabrication of layer-by-layer assembled Cu ₂ O-reduced graphene oxide composite for non-enzymatic detection of hydrogen peroxide. <i>Materials Research Express</i> , 2019, 6, 025045.	0.8	4