

J Sharath Kumar

List of Publications by Citations

Source: <https://exaly.com/author-pdf/681115/j-sharath-kumar-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11
papers

286
citations

8
h-index

11
g-index

11
ext. papers

382
ext. citations

6.5
avg, IF

3.43
L-index

#	Paper	IF	Citations
11	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	21.8	104
10	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	8.9	57
9	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	6.7	37
8	Development of carbon coated NiS ₂ as positive electrode material for high performance asymmetric supercapacitor. <i>Composites Part B: Engineering</i> , 2019 , 177, 107373	10	34
7	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	3.6	15
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	13	12
5	Recent trends in the graphene-based sensors for the detection of hydrogen peroxide. <i>AIMS Materials Science</i> , 2018 , 5, 422-466	1.9	11
4	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	1.3	10
3	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	3	4
2	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	1.7	2
1	One Pot Synthesis of Cu ₂ O-RGO Composite Using Mango Bark Extract for Supercapacitor Application. <i>Springer Proceedings in Energy</i> , 2018 , 81-88	0.2	