

Araveeti Eswar Reddy

List of Publications by Year in Descending Order

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

21
papers

667
citations

17
h-index

22
g-index

22
ext. papers

793
ext. citations

4.8
avg, IF

4.52
L-index

#	Paper	IF	Citations
21	Preparation and characterization of CoWO ₄ /CoMn ₂ O ₄ nanoflakes composites on Ni foam for electrochemical supercapacitor applications. <i>Journal of Energy Storage</i> , 2020 , 30, 101483	7.8	23
20	One-step synthesis and electrochemical performance of a PbMoO ₄ /CdMoO ₄ composite as an electrode material for high-performance supercapacitor applications. <i>Dalton Transactions</i> , 2019 , 48, 10652-10660	4.3	12
19	Facile synthesis of ZnWO ₄ @WS ₂ cauliflower-like structures for supercapacitors with enhanced electrochemical performance. <i>Journal of Electroanalytical Chemistry</i> , 2019 , 841, 86-93	4.1	30
18	Facile synthesis of NF/ZnOx and NF/CoOx nanostructures for high performance supercapacitor electrode materials.. <i>RSC Advances</i> , 2019 , 9, 21225-21232	3.7	
17	A facile one-step hydrothermal approach for the synthesis of a CuMoO ₄ /MoS ₂ composite as a high performance pseudocapacitive material for supercapacitor applications. <i>New Journal of Chemistry</i> , 2019 , 43, 15605-15613	3.6	4
16	Facile synthesis of a NiO/NiS hybrid and its use as an efficient electrode material for supercapacitor applications. <i>New Journal of Chemistry</i> , 2018 , 42, 5309-5313	3.6	31
15	Facile synthesis of hierarchical ZnMn ₂ O ₄ @ZnFe ₂ O ₄ microspheres on nickel foam for high-performance supercapacitor applications. <i>New Journal of Chemistry</i> , 2018 , 42, 2964-2969	3.6	24
14	Wearable superhigh energy density supercapacitors using a hierarchical ternary metal selenide composite of CoNiSe ₂ microspheres decorated with CoFe ₂ Se ₄ nanorods. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 7439-7448	13	107
13	CNT@rGO@MoCuSe Composite as an Efficient Counter Electrode for Quantum Dot-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 10036-10042	9.5	42
12	NiMoO@NiWO honeycombs as a high performance electrode material for supercapacitor applications. <i>Dalton Transactions</i> , 2018 , 47, 9057-9063	4.3	45
11	One-step facile hydrothermal synthesis of Fe ₂ O ₃ @LiCoO ₂ composite as excellent supercapacitor electrode materials. <i>Applied Surface Science</i> , 2018 , 435, 462-467	6.7	24
10	Construction of novel nanocomposite ZnO@CoFe ₂ O ₄ microspheres grown on nickel foam for high performance electrochemical supercapacitors. <i>Analytical Methods</i> , 2018 , 10, 223-229	3.2	14
9	Synthesis of nanostructured metal sulfides via a hydrothermal method and their use as an electrode material for supercapacitors. <i>New Journal of Chemistry</i> , 2018 , 42, 19183-19192	3.6	33
8	Fabrication of a snail shell-like structured MnO ₂ @CoNiO ₂ composite electrode for high performance supercapacitors. <i>RSC Advances</i> , 2017 , 7, 12301-12308	3.7	25
7	High performance of TiO ₂ /CdS quantum dot sensitized solar cells with a Cu ₂ ZnS passivation layer. <i>New Journal of Chemistry</i> , 2017 , 41, 1914-1917	3.6	38
6	Carbon nanotube/metal-sulfide composite flexible electrodes for high-performance quantum dot-sensitized solar cells and supercapacitors. <i>Scientific Reports</i> , 2017 , 7, 46519	4.9	99
5	Facile one-step synthesis of a composite CuO/Co ₃ O ₄ electrode material on Ni foam for flexible supercapacitor applications. <i>New Journal of Chemistry</i> , 2017 , 41, 5493-5497	3.6	35

4	A hydrothermal reaction combined with a post anion-exchange reaction of hierarchically nanostructured NiCo ₂ S ₄ for high-performance QDSSCs and supercapacitors. <i>New Journal of Chemistry</i> , 2017 , 41, 10037-10047	3.6	23
3	Densely packed zinc sulfide nanoparticles on TiO ₂ for hindering electron recombination in dye-sensitized solar cells. <i>New Journal of Chemistry</i> , 2016 , 40, 9176-9186	3.6	19
2	Well-dispersed NiS nanoparticles grown on a functionalized CoS nanosphere surface as a high performance counter electrode for quantum dot-sensitized solar cells. <i>RSC Advances</i> , 2016 , 6, 29003-29019	3.7	18
1	Enhancing the photovoltaic performance and stability of QDSSCs using surface reinforced Pt nanostructures with controllable morphology and superior electrocatalysis via cost-effective chemical bath deposition. <i>Dalton Transactions</i> , 2016 , 45, 3450-63	4.3	21