Araveeti Eswar Reddy

List of Publications by Citations

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	Wearable superhigh energy density supercapacitors using a hierarchical ternary metal selenide composite of CoNiSe2 microspheres decorated with CoFe2Se4 nanorods. *Journal of Materials Chemistry A*, **2018**, 6, 7439-7448	13	107
20	Carbon nanotube/metal-sulfide composite flexible electrodes for high-performance quantum dot-sensitized solar cells and supercapacitors. *Scientific Reports*, **2017**, 7, 46519	4.9	99
19	NiMoO@NiWO honeycombs as a high performance electrode material for supercapacitor applications. *Dalton Transactions*, **2018**, 47, 9057-9063	4.3	45
18	CNT@rGO@MoCuSe Composite as an Efficient Counter Electrode for Quantum Dot-Sensitized Solar Cells. *ACS Applied Materials & Interfaces*, **2018**, 10, 10036-10042	9.5	42
17	High performance of TiO2/CdS quantum dot sensitized solar cells with a CuZnS passivation layer. *New Journal of Chemistry*, **2017**, 41, 1914-1917	3.6	38
16	Facile one-step synthesis of a composite CuO/Co3O4 electrode material on Ni foam for flexible supercapacitor applications. *New Journal of Chemistry*, **2017**, 41, 5493-5497	3.6	35
15	Synthesis of nanostructured metal sulfides via a hydrothermal method and their use as an electrode material for supercapacitors. *New Journal of Chemistry*, **2018**, 42, 19183-19192	3.6	33
14	Facile synthesis of a NiO/NiS hybrid and its use as an efficient electrode material for supercapacitor applications. *New Journal of Chemistry*, **2018**, 42, 5309-5313	3.6	31
13	Facile synthesis of ZnWO4@WS2 cauliflower-like structures for supercapacitors with enhanced electrochemical performance. *Journal of Electroanalytical Chemistry*, **2019**, 841, 86-93	4.1	30
12	Fabrication of a snail shell-like structured MnO2@CoNiO2 composite electrode for high performance supercapacitors. *RSC Advances*, **2017**, 7, 12301-12308	3.7	25
11	Facile synthesis of hierarchical ZnMn2O4@ZnFe2O4 microspheres on nickel foam for high-performance supercapacitor applications. *New Journal of Chemistry*, **2018**, 42, 2964-2969	3.6	24
10	One-step facile hydrothermal synthesis of Fe2O3@LiCoO2 composite as excellent supercapacitor electrode materials. *Applied Surface Science*, **2018**, 435, 462-467	6.7	24
9	Preparation and characterization of CoWO4/CoMn2O4 nanoflakes composites on Ni foam for electrochemical supercapacitor applications. *Journal of Energy Storage*, **2020**, 30, 101483	7.8	23
8	A hydrothermal reaction combined with a post anion-exchange reaction of hierarchically nanostructured NiCo2S4 for high-performance QDSSCs and supercapacitors. *New Journal of Chemistry*, **2017**, 41, 10037-10047	3.6	23
7	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. *Dalton Transactions*, **2016**, 45, 3450-63	4.3	21
6	Densely packed zinc sulfide nanoparticles on TiO2 for hindering electron recombination in dye-sensitized solar cells. *New Journal of Chemistry*, **2016**, 40, 9176-9186	3.6	19
5	Well-dispersed NiS nanoparticles grown on a functionalized CoS nanosphere surface as a high performance counter electrode for quantum dot-sensitized solar cells. *RSC Advances*, **2016**, 6, 29003-29019	3.7	18

4	Construction of novel nanocomposite ZnO@CoFe2O4 microspheres grown on nickel foam for high performance electrochemical supercapacitors. *Analytical Methods*, **2018**, 10, 223-229	3.2	14
3	One-step synthesis and electrochemical performance of a PbMoO/CdMoO composite as an electrode material for high-performance supercapacitor applications. *Dalton Transactions*, **2019**, 48, 10652-10660	4.3	12
2	A facile one-step hydrothermal approach for the synthesis of a CuMoO4/MoS2 composite as a high performance pseudocapacitive material for supercapacitor applications. *New Journal of Chemistry*, **2019**, 43, 15605-15613	3.6	4
1	Facile synthesis of NF/ZnOx and NF/CoOx nanostructures for high performance supercapacitor electrode materials.. *RSC Advances*, **2019**, 9, 21225-21232	3.7	