

Subbukalai Vijayakumar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11072922/publications.pdf>

Version: 2024-02-01

16
papers

1,818
citations

687363

13
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

2345
citing authors

#	ARTICLE	IF	CITATIONS
1	Supercapacitor Studies on NiO Nanoflakes Synthesized Through a Microwave Route. ACS Applied Materials & Interfaces, 2013, 5, 2188-2196.	8.0	542
2	Hierarchical CuCo ₂ O ₄ nanobelts as a supercapacitor electrode with high areal and specific capacitance. Electrochimica Acta, 2015, 182, 979-986.	5.2	268
3	Synthesis of Mn ₃ O ₄ /Amorphous Carbon Nanoparticles as Electrode Material for High Performance Supercapacitor Applications. Energy & Fuels, 2013, 27, 3508-3515.	5.1	156
4	Hybrid supercapacitor devices based on MnCo ₂ O ₄ as the positive electrode and FeMn ₂ O ₄ as the negative electrode. Applied Surface Science, 2016, 390, 202-208.	6.1	127
5	CuCo ₂ O ₄ flowers/Ni-foam architecture as a battery type positive electrode for high performance hybrid supercapacitor applications. Electrochimica Acta, 2017, 238, 99-106.	5.2	121
6	Porous NiO/C Nanocomposites as Electrode Material for Electrochemical Supercapacitors. ACS Sustainable Chemistry and Engineering, 2013, 1, 1110-1118.	6.7	119
7	Synthesis of Zn ₃ V ₂ O ₈ nanoplatelets for lithium-ion battery and supercapacitor applications. RSC Advances, 2015, 5, 91822-91828.	3.6	90
8	Cerium oxide mixed LaMnO ₃ nanoparticles as the negative electrode for aqueous asymmetric supercapacitor devices. Materials Chemistry and Physics, 2017, 199, 543-551.	4.0	80
9	Porous thin layered nanosheets assembled ZnCo ₂ O ₄ grown on Ni-foam as an efficient electrode material for hybrid supercapacitor applications. International Journal of Hydrogen Energy, 2017, 42, 3122-3129.	7.1	70
10	Biopolymer-Assisted Synthesis of MnO ₂ Nanoparticles As an Electrode Material for Aqueous Symmetric Supercapacitor Devices. Industrial & Engineering Chemistry Research, 2013, 52, 18262-18268.	3.7	69
11	Controlled synthesis and growth mechanism of zinc cobalt sulfide rods on Ni-foam for high-performance supercapacitors. Journal of Industrial and Engineering Chemistry, 2019, 71, 250-259.	5.8	66
12	<i>In situ</i> preparation of MgCo ₂ O ₄ nanosheets on Ni-foam as a binder-free electrode for high performance hybrid supercapacitors. Dalton Transactions, 2018, 47, 6722-6728.	3.3	58
13	Synthesis of Ag Anchored Ag ₃ VO ₄ Stacked Nanosheets: Toward a Negative Electrode Material for High-Performance Asymmetric Supercapacitor Devices. Journal of Physical Chemistry C, 2016, 120, 18963-18970.	3.1	22
14	Cu-Zn-Co oxide nanoflakes on Ni-foam as a binder free electrode for energy storage applications. Materials Letters, 2018, 219, 143-147.	2.6	12
15	Synthesis and characterization of Sr-doped CdO nanoplatelets for supercapacitor applications. Journal of Materials Science: Materials in Electronics, 2022, 33, 8426-8434.	2.2	11
16	Facile Synthesis of Zn-Co-S Nanostrip Cluster Arrays on Ni Foam for High-Performance Hybrid Supercapacitors. Nanomaterials, 2021, 11, 3209.	4.1	7