

Sadayappan Nagamuthu

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,514
citations

687363

13
h-index

996975

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docs citations

15
times ranked

2101
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-lithium-based metal ion capacitors: recent advances and perspectives. <i>Journal of Materials Chemistry A</i> , 2022, 10, 357-378.	10.3	34
2	MOF-derived microstructural interconnected network porous Mn ₂ O ₃ /C as negative electrode material for asymmetric supercapacitor device. <i>CrystEngComm</i> , 2019, 21, 1442-1451.	2.6	33
3	Synthesis of Ag/NiO Honeycomb Structured Nanoarrays as the Electrode Material for High Performance Asymmetric Supercapacitor Devices. <i>Scientific Reports</i> , 2019, 9, 4864.	3.3	65
4	Synthesis of Silver Hollandite Nanorectangular Cuboids as Negative Electrode Material for High Performance Asymmetric Supercapacitors and Lithium Ion Capacitors. <i>Batteries and Supercaps</i> , 2019, 2, 91-103.	4.7	6
5	<i>In situ</i> preparation of MgCo ₂ O ₄ nanosheets on Ni-foam as a binder-free electrode for high performance hybrid supercapacitors. <i>Dalton Transactions</i> , 2018, 47, 6722-6728.	3.3	58
6	Cu-Zn-Co oxide nanoflakes on Ni-foam as a binder free electrode for energy storage applications. <i>Materials Letters</i> , 2018, 219, 143-147.	2.6	12
7	CuCo ₂ O ₄ flowers/Ni-foam architecture as a battery type positive electrode for high performance hybrid supercapacitor applications. <i>Electrochimica Acta</i> , 2017, 238, 99-106.	5.2	121
8	Cerium oxide mixed LaMnO ₃ nanoparticles as the negative electrode for aqueous asymmetric supercapacitor devices. <i>Materials Chemistry and Physics</i> , 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. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 3122-3129.	7.1	70
10	Hybrid supercapacitor devices based on MnCo ₂ O ₄ as the positive electrode and FeMn ₂ O ₄ as the negative electrode. <i>Applied Surface Science</i> , 2016, 390, 202-208.	6.1	127
11	Synthesis of Ag Anchored Ag ₃ VO ₄ Stacked Nanosheets: Toward a Negative Electrode Material for High-Performance Asymmetric Supercapacitor Devices. <i>Journal of Physical Chemistry C</i> , 2016, 120, 18963-18970.	3.1	22
12	Biopolymer-Assisted Synthesis of MnO ₂ Nanoparticles As an Electrode Material for Aqueous Symmetric Supercapacitor Devices. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 18262-18268.	3.7	69
13	Supercapacitor Studies on NiO Nanoflakes Synthesized Through a Microwave Route. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 2188-2196.	8.0	542
14	Synthesis of Mn ₃ O ₄ /Amorphous Carbon Nanoparticles as Electrode Material for High Performance Supercapacitor Applications. <i>Energy & Fuels</i> , 2013, 27, 3508-3515.	5.1	156
15	Porous NiO/C Nanocomposites as Electrode Material for Electrochemical Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 1110-1118.	6.7	119