

Swapnil S Karade

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

986
citations

471509

17
h-index

610901

24
g-index

24
all docs

24
docs citations

24
times ranked

1135
citing authors

#	ARTICLE	IF	CITATIONS
1	PbS nanoparticles anchored 1D- CdSe nanowires: Core-shell design towards energy storage supercapacitor application. <i>Journal of Alloys and Compounds</i> , 2022, 906, 164323.	5.5	20
2	Maximizing Redox Charge Storage via Cation (V)â€“Anion (S) Dual Doping on Nickel Diselenide Nanodiscs for Hybrid Supercapacitors. <i>ACS Applied Energy Materials</i> , 2021, 4, 2430-2439.	5.1	19
3	Green synthesis of novel CuCo ₂ O ₄ nanocomposite for stable hybrid supercapacitors by deep eutectic solvents. <i>Journal of Molecular Liquids</i> , 2021, 334, 116390.	4.9	14
4	MoS ₂ nanoflakes anchored MWCNTs: Counter electrode in dye-sensitized solar cell. <i>Inorganic Chemistry Communication</i> , 2021, 132, 108827.	3.9	15
5	Synthesis of 3D nanoflower-like mesoporous NiCo ₂ O ₄ N-doped CNTs nanocomposite for solid-state hybrid supercapacitor; efficient material for the positive electrode. <i>Ceramics International</i> , 2021, 47, 31650-31665.	4.8	19
6	Deep eutectic solvent mediated nanostructured copper oxide as a positive electrode material for hybrid supercapacitor device. <i>Journal of Molecular Liquids</i> , 2021, 341, 117319.	4.9	14
7	High-performance solid-state bendable supercapacitors based on PEGBEM-g-PAEMA graft copolymer electrolyte. <i>Chemical Engineering Journal</i> , 2020, 384, 123308.	12.7	24
8	Widening potential window of flexible solid-state supercapacitor through asymmetric configured iron oxide and poly(3,4-ethylenedioxythiophene) polystyrene sulfonate coated multi-walled carbon nanotubes assembly. <i>Journal of Energy Storage</i> , 2020, 31, 101622.	8.1	16
9	Lichen-like anchoring of MoSe ₂ on functionalized multiwalled carbon nanotubes: an efficient electrode for asymmetric supercapacitors. <i>RSC Advances</i> , 2020, 10, 40092-40105.	3.6	17
10	Coin cell fabricated symmetric supercapacitor device of two-steps synthesized V ₂ O ₅ Nanorods. <i>Journal of Electroanalytical Chemistry</i> , 2020, 864, 114080.	3.8	36
11	Deep eutectic solvent-assisted synthesis of RuCo ₂ O ₄ : an efficient positive electrode for hybrid supercapacitors. <i>Sustainable Energy and Fuels</i> , 2020, 4, 3066-3076.	4.9	43
12	Reduced turn-on field through solution processed MoS ₂ nanoflakes anchored MWCNTs. <i>Chemical Physics Letters</i> , 2019, 723, 146-150.	2.6	9
13	First report on solution processed $\hat{\pm}$ -Ce ₂ S ₃ rectangular microrods: An efficient energy storage supercapacitive electrode. <i>Journal of Colloid and Interface Science</i> , 2019, 535, 169-175.	9.4	21
14	Materials Mutualism through EDLC-Behaved MWCNTs with Pseudocapacitive MoTe ₂ Nanopebbles: Enhanced Supercapacitive Performance. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 15072-15082.	6.7	66
15	Enhanced field emission properties of V ₂ O ₅ /MWCNTs nanocomposite. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	2.3	27
16	First report on a FeS-based 2 V operating flexible solid-state symmetric supercapacitor device. <i>Sustainable Energy and Fuels</i> , 2017, 1, 1366-1375.	4.9	77
17	Two dimensional cryptomelane like growth of MoSe ₂ over MWCNTs: Symmetric all-solid-state supercapacitor. <i>Journal of Electroanalytical Chemistry</i> , 2017, 802, 131-138.	3.8	77
18	Hexagonal VS ₂ Anchored MWCNTs: First Approach to Design Flexible Solid-State Symmetric Supercapacitor Device. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 44880-44891.	8.0	111

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19	Decoration of Ultrathin MoS ₂ Nanoflakes over MWCNTs: Enhanced Supercapacitive Performance through Electrode to Symmetric All-Solid State Device. ChemistrySelect, 2017, 2, 10405-10412.	1.5	50
20	Room temperature PEDOT:PSS encapsulated MWCNTs thin film for electrochemical supercapacitor. Journal of Electroanalytical Chemistry, 2016, 771, 80-86.	3.8	63
21	MoS ₂ ultrathin nanoflakes for high performance supercapacitors: room temperature chemical bath deposition (CBD). RSC Advances, 2016, 6, 39159-39165.	3.6	123
22	Novel application of non-aqueous chemical bath deposited Sb ₂ S ₃ thin films as supercapacitive electrode. International Journal of Hydrogen Energy, 2016, 41, 21278-21285.	7.1	26
23	Zinc Oxide Encapsulated Carbon Nanotube Thin Films for Energy Storage Applications. Electrochimica Acta, 2016, 192, 377-384.	5.2	57
24	Anchoring cobalt oxide nanoparticles on to the surface multiwalled carbon nanotubes for improved supercapacitive performances. RSC Advances, 2015, 5, 48426-48432.	3.6	42