

Swapnil S Karade

List of Publications by Year in descending order

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	MoS ₂ ultrathin nanoflakes for high performance supercapacitors: room temperature chemical bath deposition (CBD). RSC Advances, 2016, 6, 39159-39165.	3.6	123
2	Hexagonal VS ₂ Anchored MWCNTs: First Approach to Design Flexible Solid-State Symmetric Supercapacitor Device. ACS Applied Materials & Interfaces, 2017, 9, 44880-44891.	8.0	111
3	First report on a FeS-based 2 V operating flexible solid-state symmetric supercapacitor device. Sustainable Energy and Fuels, 2017, 1, 1366-1375.	4.9	77
4	Two dimensional cryptomelane like growth of MoSe ₂ over MWCNTs: Symmetric all-solid-state supercapacitor. Journal of Electroanalytical Chemistry, 2017, 802, 131-138.	3.8	77
5	Materials Mutualism through EDLC-Behaved MWCNTs with Pseudocapacitive MoTe ₂ Nanoparticles: Enhanced Supercapacitive Performance. ACS Sustainable Chemistry and Engineering, 2018, 6, 15072-15082.	6.7	66
6	Room temperature PEDOT:PSS encapsulated MWCNTs thin film for electrochemical supercapacitor. Journal of Electroanalytical Chemistry, 2016, 771, 80-86.	3.8	63
7	Zinc Oxide Encapsulated Carbon Nanotube Thin Films for Energy Storage Applications. Electrochimica Acta, 2016, 192, 377-384.	5.2	57
8	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
9	Deep eutectic solvent-assisted synthesis of RuCo ₂ O ₄ : an efficient positive electrode for hybrid supercapacitors. Sustainable Energy and Fuels, 2020, 4, 3066-3076.	4.9	43
10	Anchoring cobalt oxide nanoparticles on to the surface multiwalled carbon nanotubes for improved supercapacitive performances. RSC Advances, 2015, 5, 48426-48432.	3.6	42
11	Coin cell fabricated symmetric supercapacitor device of two-steps synthesized V ₂ O ₅ Nanorods. Journal of Electroanalytical Chemistry, 2020, 864, 114080.	3.8	36
12	Enhanced field emission properties of V ₂ O ₅ /MWCNTs nanocomposite. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	27
13	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
14	High-performance solid-state bendable supercapacitors based on PEGBEM-g-PAEMA graft copolymer electrolyte. Chemical Engineering Journal, 2020, 384, 123308.	12.7	24
15	First report on solution processed \pm -Ce ₂ S ₃ rectangular microrods: An efficient energy storage supercapacitive electrode. Journal of Colloid and Interface Science, 2019, 535, 169-175.	9.4	21
16	PbS nanoparticles anchored 1D- CdSe nanowires: Core-shell design towards energy storage supercapacitor application. Journal of Alloys and Compounds, 2022, 906, 164323.	5.5	20
17	Maximizing Redox Charge Storage via Cation (V) ⁺ Anion (S) Dual Doping on Nickel Diselenide Nanodiscs for Hybrid Supercapacitors. ACS Applied Energy Materials, 2021, 4, 2430-2439.	5.1	19
18	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. Ceramics International, 2021, 47, 31650-31665.	4.8	19

#	ARTICLE	IF	CITATIONS
19	Lichen-like anchoring of MoSe ₂ on functionalized multiwalled carbon nanotubes: an efficient electrode for asymmetric supercapacitors. RSC Advances, 2020, 10, 40092-40105.	3.6	17
20	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. Journal of Energy Storage, 2020, 31, 101622.	8.1	16
21	MoS ₂ nanoflakes anchored MWCNTs: Counter electrode in dye-sensitized solar cell. Inorganic Chemistry Communication, 2021, 132, 108827.	3.9	15
22	Green synthesis of novel CuCo ₂ O ₄ nanocomposite for stable hybrid supercapacitors by deep eutectic solvents. Journal of Molecular Liquids, 2021, 334, 116390.	4.9	14
23	Deep eutectic solvent mediated nanostructured copper oxide as a positive electrode material for hybrid supercapacitor device. Journal of Molecular Liquids, 2021, 341, 117319.	4.9	14
24	Reduced turn-on field through solution processed MoS ₂ nanoflakes anchored MWCNTs. Chemical Physics Letters, 2019, 723, 146-150.	2.6	9