Pragati A Shinde

List of Publications by Year
in descending order

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Version: 2024-02-01

27 papers	1,246 citations	304743 22 h-index	552781 26 g-index
27 all docs	27 docs citations	27 times ranked	1310 citing authors

#	Article	IF	Citations
1	High energy storage quasi-solid-state supercapacitor enabled by metal chalcogenide nanowires and iron-based nitrogen-doped graphene nanostructures. Journal of Colloid and Interface Science, 2022, 608, 711-719.	9.4	31
2	Nitridation-induced in situ coupling of Ni-Co4N particles in nitrogen-doped carbon nanosheets for hybrid supercapacitors. Chemical Engineering Journal, 2022, 428, 131888.	12.7	28
3	Two-dimensional MXenes for electrochemical energy storage applications. Journal of Materials Chemistry A, 2022, 10, 1105-1149.	10.3	63
4	All Transition Metal Selenide Composed Highâ€Energy Solidâ€State Hybrid Supercapacitor. Small, 2022, 18, e2200248.	10.0	49
5	All-redox solid-state supercapacitor with cobalt manganese oxide@bimetallic hydroxides and vanadium nitride@nitrogen-doped carbon electrodes. Chemical Engineering Journal, 2021, 405, 127029.	12.7	49
6	Metal Organic Frameworks (MOFs) for Supercapacitor. , 2021, , 414-414.		4
7	Hierarchically designed 3D Cu3N@Ni3N porous nanorod arrays: An efficient and robust electrode for high-energy solid-state hybrid supercapacitors. Applied Materials Today, 2021, 22, 100951.	4.3	15
8	Solution-free self-assembled growth of ordered tricopper phosphide for efficient and stable hybrid supercapacitor. Energy Storage Materials, 2021, 39, 194-202.	18.0	30
9	Layered manganese metal-organic framework with high specific and areal capacitance for hybrid supercapacitors. Chemical Engineering Journal, 2020, 387, 122982.	12.7	74
10	Review on Recent Progress in the Development of Tungsten Oxide Based Electrodes for Electrochemical Energy Storage. ChemSusChem, 2020, 13, 11-38.	6.8	121
11	Metalâ€“organic-framework-derived hierarchical Co/CoP-decorated nanoporous carbon polyhedra for robust high-energy storage hybrid supercapacitors. Dalton Transactions, 2020, 49, 1157-1166.	3.3	42
12	Self-assembled bimetallic cobaltâ€“manganese metalâ€“organic framework as a highly efficient, robust electrode for asymmetric supercapacitors. Electrochimica Acta, 2020, 335, 135327.	5.2	46
13	High performance complementary WS₂ devices with hybrid Gr/Ni contacts. Nanoscale, 2020, 12, 21280-21290.	5.6	27
14	Multi-heterostructured spin-valve junction of vertical FLG/MoSe2/FLG. APL Materials, 2020, 8, .	5.1	11
15	Nitrogen-doped carbon integrated nickelâ€“cobalt metal phosphide marigold flowers as a high capacity electrode for hybrid supercapacitors. CrystEngComm, 2020, 22, 6360-6370.	2.6	23
16	A systematic approach to achieve high energy density hybrid supercapacitors based on Niâ€“Coâ€“Fe hydroxide. Electrochimica Acta, 2020, 353, 136578.	5.2	22
17	Potentiodynamic polarization assisted phosphorus-containing amorphous trimetal hydroxide nanofibers for highly efficient hybrid supercapacitors. Journal of Materials Chemistry A, 2020, 8, 5721-5733.	10.3	38
18	Two-dimensional electronic devices modulated by the activation of donor-like states in boron nitride. Nanoscale, 2020, 12, 18171-18179.	5.6	28

#	Article	IF	Citations
19	Facile synthesis of self-assembled WO3 nanorods for high-performance electrochemical capacitor. Journal of Alloys and Compounds, 2019, 770, 1130-1137.	5.5	61
20	Direct growth of WO3 nanostructures on multi-walled carbon nanotubes for high-performance flexible all-solid-state asymmetric supercapacitor. Electrochimica Acta, 2019, 308, 231-242.	5.2	63
21	Flexible Asymmetric Solid-State Supercapacitors by Highly Efficient 3D Nanostructured Î±-MnO₂ and h-CuS Electrodes. ACS Applied Materials & Interfaces, 2018, 10, 16636-16649.	8.0	74
22	Single-step hydrothermal synthesis of WO3-MnO2 composite as an active material for all-solid-state flexible asymmetric supercapacitor. International Journal of Hydrogen Energy, 2018, 43, 2869-2880.	7.1	60
23	High Performance All-Solid-State Asymmetric Supercapacitor Device Based on 3D Nanospheres of Î²-MnO₂ and Nanoflowers of O-SnS. ACS Sustainable Chemistry and Engineering, 2018, 6, 787-802.	6.7	53
24	Facile synthesis of hierarchical mesoporous weirds-like morphological MnO2 thin films on carbon cloth for high performance supercapacitor application. Journal of Colloid and Interface Science, 2017, 498, 202-209.	9.4	58
25	Temperature dependent surface morphological modifications of hexagonal WO3 thin films for high performance supercapacitor application. Electrochimica Acta, 2017, 224, 397-404.	5.2	102
26	Enhanced electrochemical performance of monoclinic WO 3 thin film with redox additive aqueous electrolyte. Journal of Colloid and Interface Science, 2016, 483, 261-267.	9.4	48
27	Fabrication of high performance flexible all-solid-state asymmetric supercapacitors with a three dimensional disc-like WO₃/stainless steel electrode. RSC Advances, 2016, 6, 113442-113451.	3.6	26