

Pragati A Shinde

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8009200/publications.pdf>

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	Review on Recent Progress in the Development of Tungsten Oxide Based Electrodes for Electrochemical Energy Storage. <i>ChemSusChem</i> , 2020, 13, 11-38.	6.8	121
2	Temperature dependent surface morphological modifications of hexagonal WO ₃ thin films for high performance supercapacitor application. <i>Electrochimica Acta</i> , 2017, 224, 397-404.	5.2	102
3	Flexible Asymmetric Solid-State Supercapacitors by Highly Efficient 3D Nanostructured $\text{I}^{\pm}\text{-MnO}_2$ and h-CuS Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 16636-16649.	8.0	74
4	Layered manganese metal-organic framework with high specific and areal capacitance for hybrid supercapacitors. <i>Chemical Engineering Journal</i> , 2020, 387, 122982.	12.7	74
5	Direct growth of WO ₃ nanostructures on multi-walled carbon nanotubes for high-performance flexible all-solid-state asymmetric supercapacitor. <i>Electrochimica Acta</i> , 2019, 308, 231-242.	5.2	63
6	Two-dimensional MXenes for electrochemical energy storage applications. <i>Journal of Materials Chemistry A</i> , 2022, 10, 1105-1149.	10.3	63
7	Facile synthesis of self-assembled WO ₃ nanorods for high-performance electrochemical capacitor. <i>Journal of Alloys and Compounds</i> , 2019, 770, 1130-1137.	5.5	61
8	Single-step hydrothermal synthesis of WO ₃ -MnO ₂ composite as an active material for all-solid-state flexible asymmetric supercapacitor. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 2869-2880.	7.1	60
9	Facile synthesis of hierarchical mesoporous weirds-like morphological MnO ₂ thin films on carbon cloth for high performance supercapacitor application. <i>Journal of Colloid and Interface Science</i> , 2017, 498, 202-209.	9.4	58
10	High Performance All-Solid-State Asymmetric Supercapacitor Device Based on 3D Nanospheres of $\text{I}^{\pm}\text{-MnO}_2$ and Nanoflowers of O-SnS. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 787-802.	6.7	53
11	All-redox solid-state supercapacitor with cobalt manganese oxide@bimetallic hydroxides and vanadium nitride@nitrogen-doped carbon electrodes. <i>Chemical Engineering Journal</i> , 2021, 405, 127029.	12.7	49
12	All Transition Metal Selenide Composed High-Energy Solid-State Hybrid Supercapacitor. <i>Small</i> , 2022, 18, e2200248.	10.0	49
13	Enhanced electrochemical performance of monoclinic WO ₃ thin film with redox additive aqueous electrolyte. <i>Journal of Colloid and Interface Science</i> , 2016, 483, 261-267.	9.4	48
14	Self-assembled bimetallic cobalt-manganese metal-organic framework as a highly efficient, robust electrode for asymmetric supercapacitors. <i>Electrochimica Acta</i> , 2020, 335, 135327.	5.2	46
15	Metal-organic-framework-derived hierarchical Co/CoP-decorated nanoporous carbon polyhedra for robust high-energy storage hybrid supercapacitors. <i>Dalton Transactions</i> , 2020, 49, 1157-1166.	3.3	42
16	Potentiodynamic polarization assisted phosphorus-containing amorphous trimetal hydroxide nanofibers for highly efficient hybrid supercapacitors. <i>Journal of Materials Chemistry A</i> , 2020, 8, 5721-5733.	10.3	38
17	High energy storage quasi-solid-state supercapacitor enabled by metal chalcogenide nanowires and iron-based nitrogen-doped graphene nanostructures. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 711-719.	9.4	31
18	Solution-free self-assembled growth of ordered tricopper phosphide for efficient and stable hybrid supercapacitor. <i>Energy Storage Materials</i> , 2021, 39, 194-202.	18.0	30

#	ARTICLE	IF	CITATIONS
19	Two-dimensional electronic devices modulated by the activation of donor-like states in boron nitride. <i>Nanoscale</i> , 2020, 12, 18171-18179.	5.6	28
20	Nitridation-induced in situ coupling of Ni-Co ₄ N particles in nitrogen-doped carbon nanosheets for hybrid supercapacitors. <i>Chemical Engineering Journal</i> , 2022, 428, 131888.	12.7	28
21	High performance complementary WS ₂ devices with hybrid Gr/Ni contacts. <i>Nanoscale</i> , 2020, 12, 21280-21290.	5.6	27
22	Fabrication of high performance flexible all-solid-state asymmetric supercapacitors with a three dimensional disc-like WO ₃ /stainless steel electrode. <i>RSC Advances</i> , 2016, 6, 113442-113451.	3.6	26
23	Nitrogen-doped carbon integrated nickel-cobalt metal phosphide marigold flowers as a high capacity electrode for hybrid supercapacitors. <i>CrystEngComm</i> , 2020, 22, 6360-6370.	2.6	23
24	A systematic approach to achieve high energy density hybrid supercapacitors based on Ni-Co-Fe hydroxide. <i>Electrochimica Acta</i> , 2020, 353, 136578.	5.2	22
25	Hierarchically designed 3D Cu ₃ N@Ni ₃ N porous nanorod arrays: An efficient and robust electrode for high-energy solid-state hybrid supercapacitors. <i>Applied Materials Today</i> , 2021, 22, 100951.	4.3	15
26	Multi-heterostructured spin-valve junction of vertical FLG/MoSe ₂ /FLG. <i>APL Materials</i> , 2020, 8, .	5.1	11
27	Metal Organic Frameworks (MOFs) for Supercapacitor. , 2021, , 414-414.		4