Amar M Patil

List of Publications by Year
in descending order

18	883	567281 15	839539 18
papers	citations	h-index	g-index

18	18	18	1002
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Construction of hierarchical nickel cobalt sulfide@manganese oxide nanoarrays@nanosheets <scp>coreâ€shell</scp> electrodes for highâ€performance electrochemical asymmetric supercapacitor. International Journal of Energy Research, 2022, 46, 5250-5259.	4.5	14
2	Two-dimensional MXenes for electrochemical energy storage applications. Journal of Materials Chemistry A, 2022, 10, 1105-1149.	10.3	63
3	Development of amorphous Feâ€doped nickelâ€cobalt phosphate (<scp>Fe_xNiCo(PO₄</scp>)₂) nanostructure for enhanced performance of solidâ€state asymmetric supercapacitors. International Journal of Energy Research, 2022, 46, 12039-12056.	4.5	15
4	Fabrication of three-dimensionally heterostructured rGO/WO3Â·0.5H2O@Cu2S electrodes for high-energy solid-state pouch-type asymmetric supercapacitor. Chemical Engineering Journal, 2021, 403, 126411.	12.7	70
5	Bilateral growth of monoclinic WO3 and 2D Ti3C2Tx on 3D free-standing hollow graphene foam for all-solid-state supercapacitor. Chemical Engineering Journal, 2021, 421, 127883.	12.7	36
6	Biomass-Derived N-Doped Carbon for Efficient Electrocatalytic CO₂ Reduction to CO and Znâ€“CO₂ Batteries. ACS Applied Materials & Interfaces, 2021, 13, 3738-3747.	8.0	70
7	2D-on-2D coreâ€“shell Co₃(PO₄)₂ stacked micropetals@Co₂Mo₃O₈ nanosheets and binder-free 2D CNTâ€“Ti₃C₂T_Xâ€“MXene electrodes for high-energy solid-state flexible supercapacitors. Journal of Materials Chemistry A, 2021, 9, 26135-26148.	10.3	22
8	Fabrication of a High-Energy Flexible All-Solid-State Supercapacitor Using Pseudocapacitive 2D-Ti₃C₂T_x-MXene and Battery-Type Reduced Graphene Oxide/Nickelâ€“Cobalt Bimetal Oxide Electrode Materials. ACS Applied Materials & Interfaces, 2020, 12, 52749-52762.	8.0	66
9	Coral reef-like MoS2 microspheres with 1T/2H phase as high-performance anode material for sodium ion batteries. Journal of Materials Science, 2020, 55, 14389-14400.	3.7	16
10	Redox-ambitious route to boost energy and capacity retention of pouch type asymmetric solid-state supercapacitor fabricated with graphene oxide-based battery-type electrodes. Applied Materials Today, 2020, 19, 100563.	4.3	12
11	Facile synthesis of self-assembled WO3 nanorods for high-performance electrochemical capacitor. Journal of Alloys and Compounds, 2019, 770, 1130-1137.	5.5	61
12	New design of all-solid state asymmetric flexible supercapacitor with high energy storage and long term cycling stability using m-CuO/FSS and h-CuS/FSS electrodes. Electrochimica Acta, 2019, 307, 30-42.	5.2	31
13	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
14	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
15	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
16	Facile synthesis of Cu2SnS3 thin films grown by SILAR method: effect of film thickness. Journal of Materials Science: Materials in Electronics, 2017, 28, 7912-7921.	2.2	29
17	Temperature dependent surface morphological modifications of hexagonal WO3 thin films for high performance supercapacitor application. Electrochimica Acta, 2017, 224, 397-404.	5.2	102
18	An innovative concept of use of redox-active electrolyte in asymmetric capacitor based on MWCNTs/MnO2 and Fe2O3 thin films. Scientific Reports, 2016, 6, 39205.	3.3	89