Swati J Patil

List of Publications by Year
in descending order

18	593	623734 14	839539 18
papers	citations	h-index	g-index

18	18	18	787
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Refurbished carbon materials from waste supercapacitors as industrial-grade electrodes: Empowering electronic waste. Energy Storage Materials, 2022, 49, 564-574.	18.0	15
2	Bottomâ€up Approach for Designing Cobalt Tungstate Nanospheres through Sulfur Amendment for Highâ€Performance Hybrid Supercapacitors. ChemSusChem, 2021, 14, 1602-1611.	6.8	16
3	Surface modified zinc ferrite as a carbon-alternative negative electrode for high-energy hybrid supercapacitor. Ceramics International, 2021, 47, 16333-16341.	4.8	7
4	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
5	Supercapacitors operated at extremely low environmental temperatures. Journal of Materials Chemistry A, 2021, 9, 26603-26627.	10.3	25
6	Twoâ€Dimensional Materials for Highâ€Energy Solidâ€State Asymmetric Pseudocapacitors with High Mass Loadings. ChemSusChem, 2020, 13, 1582-1592.	6.8	43
7	Transition metal sulfide-laminated copper wire for flexible hybrid supercapacitor. New Journal of Chemistry, 2020, 44, 18489-18495.	2.8	11
8	Vertically aligned one-dimensional ZnO/V2O5 coreâ€“shell hetero-nanostructure for photoelectrochemical water splitting. Journal of Energy Chemistry, 2020, 49, 262-274.	12.9	43
9	Carbon alternative pseudocapacitive V2O5 nanobricks and Î´-MnO2 nanoflakes @ Î±â€MnO2 nanowires hetero-phase for high-energy pseudocapacitor. Journal of Power Sources, 2020, 453, 227766.	7.8	43
10	Anion-exchange phase control of manganese sulfide for oxygen evolution reaction. Journal of Materials Chemistry A, 2020, 8, 3901-3909.	10.3	37
11	Core-shell hetero-nanostructured 1D transition metal polyphosphates decorated 2D bimetallic layered double hydroxide for sustainable hybrid supercapacitor. Journal of Power Sources, 2020, 466, 228286.	7.8	42
12	Vertically aligned nanostructured FeOOH@MnO2 core shell electrode with better areal capacitance. Journal of Power Sources, 2019, 436, 226826.	7.8	26
13	Ni2P2O7 micro-sheets supported ultra-thin MnO2 nanoflakes: A promising positive electrode for stable solid-state hybrid supercapacitor. Electrochimica Acta, 2019, 319, 435-443.	5.2	31
14	Scalable and ascendant synthesis of carbon cloth coated hierarchical coreâ€“shell CoMoS@Co(OH)₂ for flexible and high-performance supercapacitors. Journal of Materials Chemistry A, 2018, 6, 9592-9603.	10.3	64
15	A Quasi 2D Flexible Microâ€Supercapacitor Based on MnO₂//NiCo₂O₄ as a Miniaturized Energyâ€Storage Device. Energy Technology, 2018, 6, 1380-1391.	3.8	15
16	Electrochemical impedance analysis of spray deposited CZTS thin film: Effect of Se introduction. Optical Materials, 2016, 58, 418-425.	3.6	41
17	Nanoflakeâ€Modulated La₂Se₃ Thin Films Prepared for an Asymmetric Supercapacitor Device. ChemPlusChem, 2015, 80, 1478-1487.	2.8	34
18	Electrochemical performance of a portable asymmetric supercapacitor device based on cinnamon-like La₂Te₃prepared by a chemical synthesis route. RSC Advances, 2014, 4, 56332-56341.	3.6	70