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	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
2	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
3	Twoâ€Dimensional Materials for Highâ€Energy Solidâ€State Asymmetric Pseudocapacitors with High Mass Loadings. ChemSusChem, 2020, 13, 1582-1592.	6.8	43
4	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
5	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
6	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
7	Electrochemical impedance analysis of spray deposited CZTS thin film: Effect of Se introduction. Optical Materials, 2016, 58, 418-425.	3.6	41
8	Anion-exchange phase control of manganese sulfide for oxygen evolution reaction. Journal of Materials Chemistry A, 2020, 8, 3901-3909.	10.3	37
9	Nanoflakeâ€Modulated La₂Se₃ Thin Films Prepared for an Asymmetric Supercapacitor Device. ChemPlusChem, 2015, 80, 1478-1487.	2.8	34
10	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
11	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
12	Vertically aligned nanostructured FeOOH@MnO2 core shell electrode with better areal capacitance. Journal of Power Sources, 2019, 436, 226826.	7.8	26
13	Supercapacitors operated at extremely low environmental temperatures. Journal of Materials Chemistry A, 2021, 9, 26603-26627.	10.3	25
14	Bottomâ€up Approach for Designing Cobalt Tungstate Nanospheres through Sulfur Amendment for Highâ€Performance Hybrid Supercapacitors. ChemSusChem, 2021, 14, 1602-1611.	6.8	16
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	Refurbished carbon materials from waste supercapacitors as industrial-grade electrodes: Empowering electronic waste. Energy Storage Materials, 2022, 49, 564-574.	18.0	15
17	Transition metal sulfide-laminated copper wire for flexible hybrid supercapacitor. New Journal of Chemistry, 2020, 44, 18489-18495.	2.8	11
18	Surface modified zinc ferrite as a carbon-alternative negative electrode for high-energy hybrid supercapacitor. Ceramics International, 2021, 47, 16333-16341.	4.8	7