Vijay S Kumbhar

List of Publications by Year
in descending order

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14	507	687335 13	1058452 14
papers	citations	h-index	g-index

15	15	15	783
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Influence of electrodeposition modes on the supercapacitive performance of Co 3 O 4 electrodes. Energy, 2014, 64, 234-241.	8.8	99
2	Modified chemical synthesis of MnS nanoclusters on nickel foam for high performance all-solid-state asymmetric supercapacitors. RSC Advances, 2017, 7, 16348-16359.	3.6	65
3	Hierarchical coating of MnO2 nanosheets on ZnCo2O4 nanoflakes for enhanced electrochemical performance of asymmetric supercapacitors. Electrochimica Acta, 2018, 271, 284-296.	5.2	57
4	Novel chemical synthesis of polypyrrole thin film electrodes for supercapacitor application. European Polymer Journal, 2013, 49, 3734-3739.	5.4	50
5	Interfacial growth of the optimal BiVO4 nanoparticles onto self-assembled WO3 nanoplates for efficient photoelectrochemical water splitting. Journal of Colloid and Interface Science, 2019, 557, 478-487.	9.4	42
6	Hierarchical nanosheets of ternary CoNiFe layered double hydroxide for supercapacitors and oxygen evolution reaction. Journal of Alloys and Compounds, 2021, 863, 158081.	5.5	36
7	Insights into the interfacial nanostructuring of NiCo2S4 and their electrochemical activity for ultra-high capacity all-solid-state flexible asymmetric supercapacitors. Journal of Colloid and Interface Science, 2019, 557, 423-437.	9.4	29
8	Electrochemically growth-controlled honeycomb-like NiMoO₄ nanoporous network on nickel foam and its applications in all-solid-state asymmetric supercapacitors. New Journal of Chemistry, 2018, 42, 14805-14816.	2.8	26
9	Self-assembly of NiMoO4 nanoparticles on the ordered NiCo2O4 ultra-thin nanoflakes core-shell electrode for high energy density supercapacitors and efficient oxygen evolution reaction. Ceramics International, 2020, 46, 22837-22845.	4.8	25
10	Electrosynthesis of a corn flake-like NiO nanostructure on nickel foam for polymer gel electrolyte-based high performance asymmetric supercapacitors. New Journal of Chemistry, 2017, 41, 10584-10591.	2.8	21
11	Facile synthesis of Ce-doped Î±-cobalt hydroxide nanoflakes battery type electrode with an enhanced capacitive contribution for asymmetric supercapacitors. Journal of Energy Storage, 2020, 28, 101227.	8.1	20
12	Electrochromic and pseudocapacitive behavior of hydrothermally grown WO3 nanostructures. Thin Solid Films, 2020, 709, 138214.	1.8	17
13	Photoelectrochemical H₂ evolution on WO₃/BiVO₄ enabled by single-crystalline TiO₂ overlayer modulations. Nanoscale, 2021, 13, 16932-16941.	5.6	13
14	Mesoporous design of ultrathin NiO nanosheet-coated vertically aligned hexagonal CoS nanoplate coreâ€“shell array for flexible all-solid-state supercapacitors. Journal of Alloys and Compounds, 2021, 863, 158064.	5.5	7