Tian Zheng

List of Publications by Year
in descending order

22 papers	1,467 citations	430874 18 h-index	677142 22 g-index
22 all docs	22 docs citations	22 times ranked	2909 citing authors

#	Article	IF	Citations
1	Achieving Highâ€Performance Metal Phosphide Anode for Potassium Ion Batteries via Concentrated Electrolyte Chemistry. Advanced Energy Materials, 2021, 11, 2003346.	19.5	62
2	Melt electrowriting of electroactive poly(vinylidene difluoride) fibers. Polymer International, 2019, 68, 735-745.	3.1	42
3	Boosting the Potassium Storage Performance of Alloyâ€Based Anode Materials via Electrolyte Salt Chemistry. Advanced Energy Materials, 2018, 8, 1703288.	19.5	382
4	An Electrosynthesized 3D Porous Molybdenum Sulfide/Graphene Film with Enhanced Electrochemical Performance for Lithium Storage. Small, 2018, 14, 1703096.	10.0	25
5	A â€œTandemâ€•Strategy to Fabricate Flexible Graphene/Polypyrrole Nanofiber Film Using the Surfactant-Exfoliated Graphene for Supercapacitors. ACS Applied Materials & Interfaces, 2018, 10, 22031-22041.	8.0	40
6	Local probing of magnetoelectric properties of PVDF/Fe₃O₄electrospun nanofibers by piezoresponse force microscopy. Nanotechnology, 2017, 28, 065707.	2.6	38
7	A robust free-standing MoS2/poly(3,4-ethylenedioxythiophene):poly(styrenesulfonate) film for supercapacitor applications. Electrochimica Acta, 2017, 235, 348-355.	5.2	84
8	Construction of 2D lateral pseudoheterostructures by strain engineering. 2D Materials, 2017, 4, 025102.	4.4	31
9	Selfâ€Assembly of Flexible Freeâ€Standing 3D Porous MoS₂â€Reduced Graphene Oxide Structure for Highâ€Performance Lithiumâ€Ion Batteries. Advanced Functional Materials, 2017, 27, 1700234.	14.9	181
10	Enhancement of charge separation in ferroelectric heterogeneous photocatalyst Bi₄(SiO₄)₃/Bi₂SiO₅ nanostructures. Dalton Transactions, 2017, 46, 15582-15588.	3.3	25
11	Human skin interactive self-powered wearable piezoelectric bio-e-skin by electrospun poly-<scp>l</scp>-lactic acid nanofibers for non-invasive physiological signal monitoring. Journal of Materials Chemistry B, 2017, 5, 7352-7359.	5.8	104
12	Cellulose-based magnetoelectric composites. Nature Communications, 2017, 8, 38.	12.8	53
13	A virtual instrument to standardise the calibration of atomic force microscope cantilevers. Review of Scientific Instruments, 2016, 87, 093711.	1.3	114
14	Acyl thioacetamide-group chelated nanofiber to adsorb silver ions from aqueous systems. Chemical Research in Chinese Universities, 2014, 30, 685-689.	2.6	4
15	Fabrication of Polypyrrole/Graphene Oxide Composite Nanosheets and Their Applications for Cr(VI) Removal in Aqueous Solution. PLoS ONE, 2012, 7, e43328.	2.5	100
16	Fabrication of ternary CNT/PPy/KxMnO2 composite nanowires for electrocatalytic applications. Talanta, 2012, 90, 51-56.	5.5	20
17	Polyacrylonitrile/manganese acetate composite nanofibers and their catalysis performance on chromium (VI) reduction by oxalic acid. Journal of Hazardous Materials, 2012, 229-230, 439-445.	12.4	27
18	A novel poly(aryl ether) containing azobenzene chromophore and pendant oligoaniline: Synthesis and electrochromic properties. Electrochimica Acta, 2012, 60, 253-258.	5.2	28

#	Article	IF	Citations
19	Fabrication of electrochemically responsive surface relief diffraction gratings based on a multifunctional polyamide containing oligoaniline and azo groups. Journal of Materials Chemistry, 2011, 21, 18317.	6.7	18
20	Synthesis and properties of novel electroactive poly(amic acid) and polyimide copolymers bearing pendant oligoaniline groups. Polymer Chemistry, 2011, 2, 1300.	3.9	53
21	Controllable fabrication of porous free-standing polypyrrole films via a gas phase polymerization. Journal of Colloid and Interface Science, 2011, 364, 555-560.	9.4	30
22	Hyperbranched electroactive azo polyamide based on oligoaniline: Synthesis, characterization, and dielectric properties. Macromolecular Research, 2011, 19, 1127-1133.	2.4	6