Hui Zhu

List of Publications by Year
in descending order

31 papers	2,660 citations	361413 20 h-index	477307 29 g-index
31 all docs	31 docs citations	31 times ranked	4982 citing authors

#	Article	IF	Citations
1	Microwave synthesis of fluorescent carbon nanoparticles with electrochemiluminescence properties. Chemical Communications, 2009, , 5118.	4.1	1,114
2	Promising Carbons for Supercapacitors Derived from Fungi. Advanced Materials, 2011, 23, 2745-2748.	21.0	313
3	Microorganismâ€Derived Heteroatomâ€Doped Carbon Materials for Oxygen Reduction and Supercapacitors. Advanced Functional Materials, 2013, 23, 1305-1312.	14.9	213
4	Integrated Synthesis of Poly(oâ€phenylenediamine)â€Derived Carbon Materials for High Performance Supercapacitors. Advanced Materials, 2012, 24, 6524-6529.	21.0	177
5	Template-Free, Surfactantless Route to Fabricate In(OH)₃ Monocrystalline Nanoarchitectures and Their Conversion to In₂O₃. Crystal Growth and Design, 2008, 8, 950-956.	3.0	91
6	Humic acid as promising organic anodes for lithium/sodium ion batteries. Chemical Communications, 2015, 51, 14708-14711.	4.1	83
7	Biomass derived hierarchically porous and heteroatom-doped carbons for supercapacitors. Journal of Colloid and Interface Science, 2018, 509, 369-383.	9.4	80
8	Sensitive electrochemical sensor for hydrogen peroxide using Fe3O4 magnetic nanoparticles as a mimic for peroxidase. Mikrochimica Acta, 2011, 174, 183-189.	5.0	50
9	Safe and flexible ion gel based composite electrolyte for lithium batteries. Journal of Materials Chemistry A, 2016, 4, 14132-14140.	10.3	46
10	Hierarchical 1D nanofiber-2D nanosheet-shaped self-standing membranes for high-performance supercapacitors. Journal of Materials Chemistry A, 2018, 6, 9161-9171.	10.3	45
11	Facile synthesis of conjugated polymeric Schiff base as negative electrodes for lithium ion batteries. Electrochimica Acta, 2017, 253, 319-323.	5.2	42
12	Freestanding MoO₂/Mo₂C imbedded carbon fibers for Li-ion batteries. Physical Chemistry Chemical Physics, 2017, 19, 2908-2914.	2.8	41
13	Reactive Block Copolymer Vesicles with an Epoxy Wall. Langmuir, 2007, 23, 790-794.	3.5	40
14	Synthesis of graphene nanosheets with incorporated silver nanoparticles for enzymeless hydrogen peroxide detection. Analytical Methods, 2013, 5, 2298.	2.7	40
15	Enhanced Lithium Ion Storage Performance of Tannic Acid in LiTFSI Electrolyte. ACS Omega, 2017, 2, 1273-1278.	3.5	37
16	Scalable synthesis of Fe3N nanoparticles within N-doped carbon frameworks as efficient electrocatalysts for oxygen reduction reaction. Journal of Colloid and Interface Science, 2020, 580, 460-469.	9.4	31
17	Zn or O? An Atomic Level Comparison on Antibacterial Activities of Zinc Oxides. Chemistry - A European Journal, 2016, 22, 8053-8058.	3.3	30
18	3D-Structured Polyoxometalate Microcrystals with Enhanced Rate Capability and Cycle Stability for Lithium-Ion Storage. ACS Applied Materials & Interfaces, 2018, 10, 18657-18664.	8.0	28

#	Article	IF	Citations
19	Hydrophilic Block Copolymer Aggregation in Solution Induced by Selective Threading of Cyclodextrins. Macromolecular Chemistry and Physics, 2006, 207, 1764-1772.	2.2	24
20	Gelation Inside Block Copolymer Aggregates and Organic/Inorganic Nanohybrids. Macromolecular Rapid Communications, 2006, 27, 741-750.	3.9	21
21	Flexible and additive-free organic electrodes for aqueous sodium ion batteries. Journal of Materials Chemistry A, 2020, 8, 22791-22801.	10.3	20
22	An electrochemical sensor for dopamine based on poly(o-phenylenediamine) functionalized with electrochemically reduced graphene oxide. RSC Advances, 2014, 4, 3743-3749.	3.6	18
23	Musselâ€Inspired, Biomimeticsâ€Assisted Selfâ€Assembly of Co₃O₄ on Carbon Fibers for Flexible Supercapacitors. ChemElectroChem, 2017, 4, 2269-2277.	3.4	18
24	Direct and Convenient Mass Spectrometry Sampling with Ambient Flame Ionization. Scientific Reports, 2015, 5, 16893.	3.3	17
25	The â€œPure Marriageâ€•between 3D Printing and Well-Ordered Nanoarrays by Using PEALD Assisted Hydrothermal Surface Engineering. ACS Applied Materials & Interfaces, 2016, 8, 8393-8400.	8.0	17
26	Metal complexes of folic acid for lithium ion storage. Chemical Communications, 2018, 54, 4971-4974.	4.1	10
27	Study on the accelerated Gutknecht self-cyclocondensation of amino-sugars under atmospheric pressure chemical ionization conditions. RSC Advances, 2015, 5, 105079-105083.	3.6	8
28	Study on the Degradation of the Highly Reactive Hypervalent Trifluoromethylation Iodine Reagent PhI(OAc)(CF₃). Chinese Journal of Chemistry, 2015, 33, 1365-1370.	4.9	3
29	Oxygen-Functionalized Polyacrylonitrile Nanofibers with Enhanced Performance for Lithium-Ion Storage. ACS Omega, 2021, 6, 2542-2548.	3.5	3
30	Back Cover: Macromol. Rapid Commun. 10/2006. Macromolecular Rapid Communications, 2006, 27, 812-812.	3.9	0
31	Noble Metal Nanoparticles in Bioanalysis. ACS Symposium Series, 2012, , 241-279.	0.5	0