

Hui Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,660
citations

361296

20
h-index

477173

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. <i>Chemical Communications</i> , 2009, , 5118.	2.2	1,114
2	Promising Carbons for Supercapacitors Derived from Fungi. <i>Advanced Materials</i> , 2011, 23, 2745-2748.	11.1	313
3	Microorganism-Derived Heteroatom-Doped Carbon Materials for Oxygen Reduction and Supercapacitors. <i>Advanced Functional Materials</i> , 2013, 23, 1305-1312.	7.8	213
4	Integrated Synthesis of Poly(<i>p</i> -phenylenediamine)-Derived Carbon Materials for High Performance Supercapacitors. <i>Advanced Materials</i> , 2012, 24, 6524-6529.	11.1	177
5	Template-Free, Surfactantless Route to Fabricate In(OH) ₃ Monocrystalline Nanoarchitectures and Their Conversion to In ₂ O ₃ . <i>Crystal Growth and Design</i> , 2008, 8, 950-956.	1.4	91
6	Humic acid as promising organic anodes for lithium/sodium ion batteries. <i>Chemical Communications</i> , 2015, 51, 14708-14711.	2.2	83
7	Biomass derived hierarchically porous and heteroatom-doped carbons for supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2018, 509, 369-383.	5.0	80
8	Sensitive electrochemical sensor for hydrogen peroxide using Fe ₃ O ₄ magnetic nanoparticles as a mimic for peroxidase. <i>Mikrochimica Acta</i> , 2011, 174, 183-189.	2.5	50
9	Safe and flexible ion gel based composite electrolyte for lithium batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 14132-14140.	5.2	46
10	Hierarchical 1D nanofiber-2D nanosheet-shaped self-standing membranes for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9161-9171.	5.2	45
11	Facile synthesis of conjugated polymeric Schiff base as negative electrodes for lithium ion batteries. <i>Electrochimica Acta</i> , 2017, 253, 319-323.	2.6	42
12	Freestanding MoO ₂ /Mo ₂ C imbedded carbon fibers for Li-ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 2908-2914.	1.3	41
13	Reactive Block Copolymer Vesicles with an Epoxy Wall. <i>Langmuir</i> , 2007, 23, 790-794.	1.6	40
14	Synthesis of graphene nanosheets with incorporated silver nanoparticles for enzymeless hydrogen peroxide detection. <i>Analytical Methods</i> , 2013, 5, 2298.	1.3	40
15	Enhanced Lithium Ion Storage Performance of Tannic Acid in LiTFSI Electrolyte. <i>ACS Omega</i> , 2017, 2, 1273-1278.	1.6	37
16	Scalable synthesis of Fe ₃ N nanoparticles within N-doped carbon frameworks as efficient electrocatalysts for oxygen reduction reaction. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 460-469.	5.0	31
17	Zn or O? An Atomic Level Comparison on Antibacterial Activities of Zinc Oxides. <i>Chemistry - A European Journal</i> , 2016, 22, 8053-8058.	1.7	30
18	3D-Structured Polyoxometalate Microcrystals with Enhanced Rate Capability and Cycle Stability for Lithium-Ion Storage. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 18657-18664.	4.0	28

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19	Hydrophilic Block Copolymer Aggregation in Solution Induced by Selective Threading of Cyclodextrins. <i>Macromolecular Chemistry and Physics</i> , 2006, 207, 1764-1772.	1.1	24
20	Gelation Inside Block Copolymer Aggregates and Organic/Inorganic Nanohybrids. <i>Macromolecular Rapid Communications</i> , 2006, 27, 741-750.	2.0	21
21	Flexible and additive-free organic electrodes for aqueous sodium ion batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 22791-22801.	5.2	20
22	An electrochemical sensor for dopamine based on poly(o-phenylenediamine) functionalized with electrochemically reduced graphene oxide. <i>RSC Advances</i> , 2014, 4, 3743-3749.	1.7	18
23	Mussel-Inspired, Biomimetics-Assisted Self-Assembly of Co_3O_4 on Carbon Fibers for Flexible Supercapacitors. <i>ChemElectroChem</i> , 2017, 4, 2269-2277.	1.7	18
24	Direct and Convenient Mass Spectrometry Sampling with Ambient Flame Ionization. <i>Scientific Reports</i> , 2015, 5, 16893.	1.6	17
25	The "Pure Marriage" between 3D Printing and Well-Ordered Nanoarrays by Using PEALD Assisted Hydrothermal Surface Engineering. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 8393-8400.	4.0	17
26	Metal complexes of folic acid for lithium ion storage. <i>Chemical Communications</i> , 2018, 54, 4971-4974.	2.2	10
27	Study on the accelerated Gutknecht self-cyclocondensation of amino-sugars under atmospheric pressure chemical ionization conditions. <i>RSC Advances</i> , 2015, 5, 105079-105083.	1.7	8
28	Study on the Degradation of the Highly Reactive Hypervalent Trifluoromethylation Iodine Reagent $\text{PhI}(\text{OAc})(\text{CF}_3)$. <i>Chinese Journal of Chemistry</i> , 2015, 33, 1365-1370.	2.6	3
29	Oxygen-Functionalized Polyacrylonitrile Nanofibers with Enhanced Performance for Lithium-Ion Storage. <i>ACS Omega</i> , 2021, 6, 2542-2548.	1.6	3
30	Back Cover: <i>Macromol. Rapid Commun.</i> 10/2006. <i>Macromolecular Rapid Communications</i> , 2006, 27, 812-812.	2.0	0
31	Noble Metal Nanoparticles in Bioanalysis. <i>ACS Symposium Series</i> , 2012, , 241-279.	0.5	0