

# 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  | Oxygen-Functionalized Polyacrylonitrile Nanofibers with Enhanced Performance for Lithium-Ion Storage. ACS Omega, 2021, 6, 2542-2548.  | 1.6 | 3         |
| 2  | Flexible and additive-free organic electrodes for aqueous sodium ion batteries. Journal of Materials Chemistry A, 2020, 8, 22791-22801.   | 5.2 | 20        |
| 3  | Scalable synthesis of Fe <sub>3</sub> N nanoparticles within N-doped carbon frameworks as efficient electrocatalysts for oxygen reduction reaction. Journal of Colloid and Interface Science, 2020, 580, 460-469. | 5.0 | 31        |
| 4  | Hierarchical 1D nanofiber-2D nanosheet-shaped self-standing membranes for high-performance supercapacitors. Journal of Materials Chemistry A, 2018, 6, 9161-9171.   | 5.2 | 45        |
| 5  | Metal complexes of folic acid for lithium ion storage. Chemical Communications, 2018, 54, 4971-4974.  | 2.2 | 10        |
| 6  | Biomass derived hierarchically porous and heteroatom-doped carbons for supercapacitors. Journal of Colloid and Interface Science, 2018, 509, 369-383.   | 5.0 | 80        |
| 7  | 3D-Structured Polyoxometalate Microcrystals with Enhanced Rate Capability and Cycle Stability for Lithium-Ion Storage. ACS Applied Materials & Interfaces, 2018, 10, 18657-18664.                                 | 4.0 | 28        |
| 8  | Mussel-Inspired, Biomimetics-Assisted Self-Assembly of Co <sub>3</sub> O <sub>4</sub> on Carbon Fibers for Flexible Supercapacitors. ChemElectroChem, 2017, 4, 2269-2277.   | 1.7 | 18        |
| 9  | Enhanced Lithium Ion Storage Performance of Tannic Acid in LiTFSI Electrolyte. ACS Omega, 2017, 2, 1273-1278.   | 1.6 | 37        |
| 10 | Freestanding MoO <sub>2</sub> /Mo <sub>2</sub> C imbedded carbon fibers for Li-ion batteries. Physical Chemistry Chemical Physics, 2017, 19, 2908-2914.   | 1.3 | 41        |
| 11 | Facile synthesis of conjugated polymeric Schiff base as negative electrodes for lithium ion batteries. Electrochimica Acta, 2017, 253, 319-323.   | 2.6 | 42        |
| 12 | Zn or O? An Atomic Level Comparison on Antibacterial Activities of Zinc Oxides. Chemistry - A European Journal, 2016, 22, 8053-8058.  | 1.7 | 30        |
| 13 | Safe and flexible ion gel based composite electrolyte for lithium batteries. Journal of Materials Chemistry A, 2016, 4, 14132-14140.  | 5.2 | 46        |
| 14 | The "Pure Marriage" between 3D Printing and Well-Ordered Nanoarrays by Using PEALD Assisted Hydrothermal Surface Engineering. ACS Applied Materials & Interfaces, 2016, 8, 8393-8400.                             | 4.0 | 17        |
| 15 | Direct and Convenient Mass Spectrometry Sampling with Ambient Flame Ionization. Scientific Reports, 2015, 5, 16893.   | 1.6 | 17        |
| 16 | Study on the Degradation of the Highly Reactive Hypervalent Trifluoromethylation Iodine Reagent PhI(OAc)(CF <sub>3</sub> ). Chinese Journal of Chemistry, 2015, 33, 1365-1370.                                    | 2.6 | 3         |
| 17 | Study on the accelerated Gutknecht self-cyclocondensation of amino-sugars under atmospheric pressure chemical ionization conditions. RSC Advances, 2015, 5, 105079-105083.  | 1.7 | 8         |
| 18 | Humic acid as promising organic anodes for lithium/sodium ion batteries. Chemical Communications, 2015, 51, 14708-14711.  | 2.2 | 83        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | An electrochemical sensor for dopamine based on poly(o-phenylenediamine) functionalized with electrochemically reduced graphene oxide. RSC Advances, 2014, 4, 3743-3749.                                     | 1.7  | 18        |
| 20 | Synthesis of graphene nanosheets with incorporated silver nanoparticles for enzymeless hydrogen peroxide detection. Analytical Methods, 2013, 5, 2298.   | 1.3  | 40        |
| 21 | Microorganism-Derived Heteroatom-Doped Carbon Materials for Oxygen Reduction and Supercapacitors. Advanced Functional Materials, 2013, 23, 1305-1312.  | 7.8  | 213       |
| 22 | Noble Metal Nanoparticles in Bioanalysis. ACS Symposium Series, 2012, , 241-279.   | 0.5  | 0         |
| 23 | Integrated Synthesis of Poly(o-phenylenediamine)-Derived Carbon Materials for High Performance Supercapacitors. Advanced Materials, 2012, 24, 6524-6529.   | 11.1 | 177       |
| 24 | Sensitive electrochemical sensor for hydrogen peroxide using Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles as a mimic for peroxidase. Mikrochimica Acta, 2011, 174, 183-189.                         | 2.5  | 50        |
| 25 | Promising Carbons for Supercapacitors Derived from Fungi. Advanced Materials, 2011, 23, 2745-2748.   | 11.1 | 313       |
| 26 | Microwave synthesis of fluorescent carbon nanoparticles with electrochemiluminescence properties. Chemical Communications, 2009, , 5118.   | 2.2  | 1,114     |
| 27 | Template-Free, Surfactantless Route to Fabricate In(OH) <sub>3</sub> Monocrystalline Nanoarchitectures and Their Conversion to In <sub>2</sub> O <sub>3</sub> . Crystal Growth and Design, 2008, 8, 950-956. | 1.4  | 91        |
| 28 | Reactive Block Copolymer Vesicles with an Epoxy Wall. Langmuir, 2007, 23, 790-794.   | 1.6  | 40        |
| 29 | Hydrophilic Block Copolymer Aggregation in Solution Induced by Selective Threading of Cyclodextrins. Macromolecular Chemistry and Physics, 2006, 207, 1764-1772.   | 1.1  | 24        |
| 30 | Gelation Inside Block Copolymer Aggregates and Organic/Inorganic Nanohybrids. Macromolecular Rapid Communications, 2006, 27, 741-750.  | 2.0  | 21        |
| 31 | Back Cover: Macromol. Rapid Commun. 10/2006. Macromolecular Rapid Communications, 2006, 27, 812-812.   | 2.0  | 0         |