

Ji Wu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,410
citations

1163117

8
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

2902
citing authors

#	ARTICLE	IF	CITATIONS
1	Silicon-Based Nanomaterials for Lithium-Ion Batteries: A Review. <i>Advanced Energy Materials</i> , 2014, 4, 1300882.	19.5	1,250
2	Fabrication of SnO ₂ Asymmetric Membranes for High Performance Lithium Battery Anode. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 13946-13956.	8.0	26
3	Preparation of porous Si and TiO ₂ nanofibres using a sulphur-templating method for lithium storage. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2015, 212, 877-881.	1.8	20
4	Self-assembled asymmetric membrane containing micron-size germanium for high capacity lithium ion batteries. <i>RSC Advances</i> , 2015, 5, 92878-92884.	3.6	15
5	Temperature and pH Responsive Microfibers for Controllable and Variable Ibuprofen Delivery. <i>Advances in Materials Science and Engineering</i> , 2015, 2015, 1-6.	1.8	14
6	Asymmetric Membranes Containing Micron-Size Silicon for High Performance Lithium Ion Battery Anode. <i>Electrochimica Acta</i> , 2016, 213, 46-54.	5.2	13
7	Evaluating the cytotoxicity of tin dioxide nanofibers. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2018, 53, 986-991.	1.7	10
8	Innovative and Economically Beneficial Use of Corn and Corn Products in Electrochemical Energy Storage Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 10678-10703.	6.7	9
9	Reinvigorating Reverse-Osmosis Membrane Technology to Stabilize the V ₂ O ₅ Lithium-Ion Battery Cathode. <i>ChemElectroChem</i> , 2017, 4, 1181-1189.	3.4	8
10	Silicon Asymmetric Membranes for Efficient Lithium Storage: A Scalable Method. <i>Energy Technology</i> , 2016, 4, 502-509.	3.8	7
11	Assessment of the short-term toxicity of TiO ₂ nanofiber in Sprague Dawley rats. <i>Environmental Toxicology</i> , 2017, 32, 1775-1783.	4.0	7
12	Anomalous Surface Doping Effect in Semiconductor Nanowires. <i>Journal of Physical Chemistry C</i> , 2017, 121, 11824-11830.	3.1	6
13	Micron-size Silicon Monoxide Asymmetric Membranes for Highly Stable Lithium Ion Battery Anode. <i>ChemistrySelect</i> , 2018, 3, 8662-8668.	1.5	6
14	Short-term evaluation of hepatic toxicity of titanium dioxide nanofiber (TDNF). <i>Drug and Chemical Toxicology</i> , 2019, 42, 35-42.	2.3	5
15	Co-axial fibrous silicon asymmetric membranes for high-capacity lithium-ion battery anode. <i>Journal of Applied Electrochemistry</i> , 2019, 49, 1013-1025.	2.9	4
16	Etching Asymmetric Germanium Membranes with Hydrogen Peroxide for High-Capacity Lithium-Ion Battery Anodes. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2020, 217, 1900963.	1.8	3
17	Molybdenum oxide nanoporous asymmetric membranes for high-capacity lithium ion battery anode. <i>Journal of Materials Research</i> , 2022, 37, 2204-2215.	2.6	3
18	Short-Term Effects of Titanium Dioxide Nanofiber on the Renal Function of Male Sprague Dawley Rats. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2018, 37, 127-138.	1.2	3

#	ARTICLE	IF	CITATIONS
19	Tin asymmetric membranes for high capacity sodium ion battery anodes. <i>Materials Today Communications</i> , 2020, 24, 100998.	1.9	1
20	Ionic Rectification through the Formation of Complexes or Precipitation in Carbon Nanotube Membranes. <i>Chemistry Letters</i> , 2013, 42, 1173-1175.	1.3	0