Ji Wu

List of Publications by Year in descending order

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	Molybdenum oxide nanoporous asymmetric membranes for high-capacity lithium ion battery anode. Journal of Materials Research, 2022, 37, 2204-2215.	2.6	3
2	Innovative and Economically Beneficial Use of Corn and Corn Products in Electrochemical Energy Storage Applications. ACS Sustainable Chemistry and Engineering, 2021, 9, 10678-10703.	6.7	9
3	Etching Asymmetric Germanium Membranes with Hydrogen Peroxide for Highâ€Capacity Lithiumâ€Ion Battery Anodes. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 1900963.	1.8	3
4	Tin asymmetric membranes for high capacity sodium ion battery anodes. Materials Today Communications, 2020, 24, 100998.	1.9	1
5	Short-term evaluation of hepatic toxicity of titanium dioxide nanofiber (TDNF). Drug and Chemical Toxicology, 2019, 42, 35-42.	2.3	5
6	Co-axial fibrous silicon asymmetric membranes for high-capacity lithium-ion battery anode. Journal of Applied Electrochemistry, 2019, 49, 1013-1025.	2.9	4
7	Evaluating the cytotoxicity of tin dioxide nanofibers. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2018, 53, 986-991.	1.7	10
8	Micronâ€size Silicon Monoxide Asymmetric Membranes for Highly Stable Lithium Ion Battery Anode. ChemistrySelect, 2018, 3, 8662-8668.	1.5	6
9	Short-Term Effects of Titanium Dioxide Nanofiber on the Renal Function of Male Sprague Dawley Rats. Journal of Environmental Pathology, Toxicology and Oncology, 2018, 37, 127-138.	1.2	3
10	Reinvigorating Reverseâ€Osmosis Membrane Technology to Stabilize the V 2 O 5 Lithiumâ€Ion Battery Cathode. ChemElectroChem, 2017, 4, 1181-1189.	3.4	8
11	Assessment of the shortâ€term toxicity of TiO₂ nanofiber in Sprague Dawley rats. Environmental Toxicology, 2017, 32, 1775-1783.	4.0	7
12	Anomalous Surface Doping Effect in Semiconductor Nanowires. Journal of Physical Chemistry C, 2017, 121, 11824-11830.	3.1	6
13	Fabrication of SnO₂ Asymmetric Membranes for High Performance Lithium Battery Anode. ACS Applied Materials & Interfaces, 2016, 8, 13946-13956.	8.0	26
14	Asymmetric Membranes Containing Micron-Size Silicon for High Performance Lithium Ion Battery Anode. Electrochimica Acta, 2016, 213, 46-54.	5.2	13
15	Silicon Asymmetric Membranes for Efficient Lithium Storage: A Scalable Method. Energy Technology, 2016, 4, 502-509.	3.8	7
16	Preparation of porous Si and TiO₂ nanofibres using a sulphurâ€templating method for lithium storage. Physica Status Solidi (A) Applications and Materials Science, 2015, 212, 877-881.	1.8	20
17	Temperature and pH Responsive Microfibers for Controllable and Variable Ibuprofen Delivery. Advances in Materials Science and Engineering, 2015, 2015, 1-6.	1.8	14
18	Self-assembled asymmetric membrane containing micron-size germanium for high capacity lithium ion batteries. RSC Advances, 2015, 5, 92878-92884.	3.6	15

#	Article	IF	Citations
19	Siliconâ€Based Nanomaterials for Lithiumâ€Ion Batteries: A Review. Advanced Energy Materials, 2014, 4, 1300882.	19.5	1,250
20	Ionic Rectification through the Formation of Complexes or Precipitation in Carbon Nanotube Membranes. Chemistry Letters, 2013, 42, 1173-1175.	1.3	0