

Qin Liu

List of Publications by Year in descending order

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18
papers

1,517
citations

516710

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839539

18
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18
all docs

18
docs citations

18
times ranked

2746
citing authors

#	ARTICLE	IF	CITATIONS
1	A potassium-tellurium battery. <i>Energy Storage Materials</i> , 2020, 28, 10-16.	18.0	49
2	Approaching the voltage and energy density limits of potassium-selenium battery chemistry in a concentrated ether-based electrolyte. <i>Chemical Science</i> , 2020, 11, 6045-6052.	7.4	38
3	A trifunctional Ni ₄ N/P ₂ O-codoped graphene electrocatalyst enables dual-model rechargeable ZnCO ₂ /ZnO ₂ batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 2575-2580.	10.3	53
4	Concentrated electrolytes unlock the full energy potential of potassium-sulfur battery chemistry. <i>Energy Storage Materials</i> , 2019, 18, 470-475.	18.0	72
5	The synthesis and synergistic catalysis of iron phthalocyanine and its graphene-based axial complex for enhanced oxygen reduction. <i>Nano Energy</i> , 2018, 46, 347-355.	16.0	136
6	Functionalization of multi-walled carbon nanotubes with iron phthalocyanine via a liquid chemical reaction for oxygen reduction in alkaline media. <i>Journal of Power Sources</i> , 2018, 389, 260-266.	7.8	55
7	A photo-responsive bifunctional electrocatalyst for oxygen reduction and evolution reactions. <i>Nano Energy</i> , 2018, 43, 130-137.	16.0	105
8	A porous Zn cathode for LiCO ₂ batteries generating fuel-gas CO. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13952-13958.	10.3	66
9	Highly exposed Fe ₄ N active sites in porous poly-iron-phthalocyanine based oxygen reduction electrocatalyst with ultrahigh performance for air cathode. <i>Dalton Transactions</i> , 2017, 46, 1803-1810.	3.3	32
10	Co-intercalation of multiple active units into graphene by pyrolysis of hydrogen-bonded precursors for zinc-air batteries and water splitting. <i>Journal of Materials Chemistry A</i> , 2017, 5, 20882-20891.	10.3	34
11	SiF decorated porous carbon materials: A new class of electrocatalysts for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7924-7929.	10.3	39
12	Scalable synthesis of nano-sandwich N-doped carbon materials with hierarchical-structure for energy conversion and storage. <i>RSC Advances</i> , 2016, 6, 93318-93324.	3.6	12
13	Sandwich-type porous carbon/sulfur/polyaniline composite as cathode material for high-performance lithium-sulfur batteries. <i>RSC Advances</i> , 2016, 6, 104591-104596.	3.6	18
14	Scalable Fabrication of Nanoporous Carbon Fiber Films as Bifunctional Catalytic Electrodes for Flexible Zn-Air Batteries. <i>Advanced Materials</i> , 2016, 28, 3000-3006.	21.0	626
15	Facile synthesis of nitrogen and fluorine co-doped carbon materials as efficient electrocatalysts for oxygen reduction reactions in air-cathode microbial fuel cells. <i>Journal of Materials Chemistry A</i> , 2015, 3, 6873-6877.	10.3	76
16	Ternary-layered nitrogen-doped graphene/sulfur/ polyaniline nanoarchitecture for the high-performance of lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 8022-8027.	10.3	49
17	Phosphorus-doped carbon derived from cellulose phosphate as efficient catalyst for air-cathode in microbial fuel cells. <i>Journal of Power Sources</i> , 2014, 261, 245-248.	7.8	52
18	Chromatographic Evaluation of Octadecyl-Bonded SiO ₂ /SiO ₂ -Based Stationary Phase for Reversed-Phase High Performance Liquid Chromatography. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013, 23, 1445-1450.	3.7	5