

Xianguang Miao

List of Publications by Year in descending order

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13
papers

1,299
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687363

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996975

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citing authors

#	ARTICLE	IF	CITATIONS
1	ZnS-Sb ₂ S ₃ @C Core-Double Shell Polyhedron Structure Derived from Metal-Organic Framework as Anodes for High Performance Sodium Ion Batteries. ACS Nano, 2017, 11, 6474-6482.	14.6	322
2	Alkali-induced 3D crinkled porous Ti ₃ C ₂ MXene architectures coupled with NiCoP bimetallic phosphide nanoparticles as anodes for high-performance sodium-ion batteries. Energy and Environmental Science, 2019, 12, 2422-2432.	30.8	299
3	Hierarchical NiCo ₂ S ₄ @NiO Core-Shell Heterostructures as Catalytic Cathode for Long-Life Li ₂ O Batteries. Advanced Energy Materials, 2019, 9, 1900788.	19.5	124
4	Ni ₂ P@Carbon Core-Shell Nanoparticle-Arched 3D Interconnected Graphene Aerogel Architectures as Anodes for High-Performance Sodium-Ion Batteries. Small, 2017, 13, 1702138.	10.0	120
5	Interface engineering of inorganic solid-state electrolytes for high-performance lithium metal batteries. Energy and Environmental Science, 2020, 13, 3780-3822.	30.8	96
6	AlF ₃ -modified anode-electrolyte interface for effective Na dendrites restriction in NASICON-based solid-state electrolyte. Energy Storage Materials, 2020, 30, 170-178.	18.0	86
7	Three-dimensional Mn-doped Zn ₂ GeO ₄ nanosheet array hierarchical nanostructures anchored on porous Ni foam as binder-free and carbon-free lithium-ion battery anodes with enhanced electrochemical performance. Journal of Materials Chemistry A, 2015, 3, 21328-21336.	10.3	66
8	Metal-Organic Framework-Derived Nitrogen-Doped Cobalt Nanocluster Inlaid Porous Carbon as High-Efficiency Catalyst for Advanced Potassium-Sulfur Batteries. ACS Nano, 2020, 14, 16022-16035.	14.6	50
9	One-Step Route Synthesized Co ₂ P/Ru/N-Doped Carbon Nanotube Hybrids as Bifunctional Electrocatalysts for High-Performance Li ₂ O Batteries. Small, 2019, 15, e1900001.	10.0	48
10	Isotropic Sulfurized Polyacrylonitrile Interlayer with Homogeneous Na ⁺ Flux Dynamics for Solid-State Na Metal Batteries. Advanced Energy Materials, 2021, 11, 2003469.	19.5	31
11	Liquid Metal-Organic Frameworks In-Situ Derived Interlayer for High-Performance Solid-State Na-Metal Batteries. Advanced Energy Materials, 2021, 11, 2102396.	19.5	18
12	Achieve Stable Lithium Metal Anode by Sulfurized-Polyacrylonitrile Modified Separator for High-Performance Lithium Batteries. ACS Applied Materials & Interfaces, 2022, 14, 14264-14273.	8.0	18
13	Size-tunable SnO ₂ /Co ₂ SnO ₄ nanoparticles loaded 3D reduced graphene oxide aerogel architecture as anodes for high performance lithium ion batteries. Electrochimica Acta, 2020, 356, 136769.	5.2	17