

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