

Yaojie Lei

List of Publications by Year in descending order

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14
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816
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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Amorphous Bimetallic Oxideâ€“Graphene Hybrids as Bifunctional Oxygen Electrocatalysts for Rechargeable Znâ€“Air Batteries. <i>Advanced Materials</i> , 2017, 29, 1701410. | 11.1 | 243 |
| 2 | Electrocatalyzing S Cathodes <i>via</i> Multisulfiphilic Sites for Superior Room-Temperature Sodiumâ€“Sulfur Batteries. <i>ACS Nano</i> , 2020, 14, 7259-7268. | 7.3 | 100 |
| 3 | Hydrogen evolution reaction activity of nickel phosphide is highly sensitive to electrolyte pH. <i>Journal of Materials Chemistry A</i> , 2017, 5, 20390-20397. | 5.2 | 98 |
| 4 | In situ growth of Niâ€“Fe alloy on graphene-like MoS ₂ for catalysis of hydrazine oxidation. <i>Journal of Materials Chemistry</i> , 2012, 22, 13925. | 6.7 | 57 |
| 5 | Metal-free bifunctional carbon electrocatalysts derived from zeolitic imidazolate frameworks for efficient water splitting. <i>Materials Chemistry Frontiers</i> , 2018, 2, 102-111. | 3.2 | 57 |
| 6 | Continuous Carbon Channels Enable Full Naâ€“Ion Accessibility for Superior Roomâ€“Temperature Naâ€“S Batteries. <i>Advanced Materials</i> , 2022, 34, e2108363. | 11.1 | 49 |
| 7 | Architecting Freestanding Sulfur Cathodes for Superior Roomâ€“Temperature Naâ€“S Batteries. <i>Advanced Functional Materials</i> , 2021, 31, 2102280. | 7.8 | 46 |
| 8 | Activating Inert Surface Pt Single Atoms via Subsurface Doping for Oxygen Reduction Reaction. <i>Nano Letters</i> , 2021, 21, 7970-7978. | 4.5 | 33 |
| 9 | Understanding Sulfur Redox Mechanisms in Different Electrolytes for Room-Temperature Naâ€“S Batteries. <i>Nano-Micro Letters</i> , 2021, 13, 121. | 14.4 | 31 |
| 10 | Electrolytes/Interphases: Enabling Distinguishable Sulfur Redox Processes in Roomâ€“Temperature Sodiumâ€“Sulfur Batteries. <i>Advanced Energy Materials</i> , 2022, 12, . | 10.2 | 29 |
| 11 | Atomic Cobalt Vacancyâ€“Cluster Enabling Optimized Electronic Structure for Efficient Water Splitting. <i>Advanced Functional Materials</i> , 2021, 31, 2101797. | 7.8 | 26 |
| 12 | Highly selective oxidation of alcohols catalyzed by Cu(II)-Schiff base-SBA-15 with hydrogen peroxide in water. <i>Journal of Porous Materials</i> , 2013, 20, 277-284. | 1.3 | 24 |
| 13 | Germanene Nanosheets: Achieving Superior Sodiumâ€“Ion Storage via Pseudointercalation Reactions. <i>Small Structures</i> , 2021, 2, 2100041. | 6.9 | 20 |
| 14 | Streamline Sulfur Redox Reactions to Achieve Efficient Roomâ€“Temperature Sodiumâ€“Sulfur Batteries. <i>Angewandte Chemie</i> , 2022, 134, . | 1.6 | 3 |