

Yuting Cai

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

300
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1040056

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13
times ranked

339
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Reversible Sodiation/Desodiation from a Carbon-Sandwiched SnS ₂ Nanosheet Anode for Sodium Ion Batteries. Nano Letters, 2020, 20, 3844-3851.	9.1	69
2	Selenium Edge as a Selective Anchoring Site for Lithium-Sulfur Batteries with MoSe ₂ /Graphene-Based Cathodes. ACS Applied Materials & Interfaces, 2019, 11, 19986-19993.	8.0	67
3	Synthesis of hexagonal boron nitrides by chemical vapor deposition and their use as single photon emitters. Nano Materials Science, 2021, 3, 291-312.	8.8	29
4	Machine learning for design principles for single atom catalysts towards electrochemical reactions. Journal of Materials Chemistry A, 2022, 10, 15309-15331.	10.3	28
5	Singlet Oxygen Photosensitization Using Graphene-Based Structures and Immobilized Dyes: A Review. ACS Applied Nano Materials, 2021, 4, 7563-7586.	5.0	25
6	Enhancement of MoTe ₂ near-infrared absorption with gold hollow nanorods for photodetection. Nano Research, 2020, 13, 1636-1643.	10.4	21
7	Elimination of Uremic Toxins by Functionalized Graphene-Based Composite Beads for Direct Hemoperfusion. ACS Applied Materials & Interfaces, 2021, 13, 5955-5965.	8.0	19
8	Confinement-Enhanced Rapid Interlayer Diffusion within Graphene-Supported Anisotropic ReSe ₂ Electrodes. ACS Applied Materials & Interfaces, 2019, 11, 31147-31154.	8.0	13
9	Rational Control on Quantum Emitter Formation in Carbon-Doped Monolayer Hexagonal Boron Nitride. ACS Applied Materials & Interfaces, 2022, 14, 3189-3198.	8.0	9
10	2D Ultrathin p-type ZnTe with High Environmental Stability. Advanced Electronic Materials, 2022, 8, .	5.1	9
11	Large-Size Superlattices Synthesized by Sequential Sulfur Substitution-Induced Transformation of Metastable MoTe ₂ . Chemistry of Materials, 2021, 33, 9760-9768.	6.7	5
12	Structure evolution of hBN grown on molten Cu by regulating precursor flux during chemical vapor deposition. 2D Materials, 2022, 9, 015004.	4.4	4
13	Coherent Heterostructure Mesh Grown by Gap-Filling Epitaxial Chemical Vapor Deposition. Chemistry of Materials, 0, , .	6.7	2