

Yuting Cai

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

300
citations

1040056

9
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

339
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure evolution of hBN grown on molten Cu by regulating precursor flux during chemical vapor deposition. <i>2D Materials</i> , 2022, 9, 015004.	4.4	4
2	Rational Control on Quantum Emitter Formation in Carbon-Doped Monolayer Hexagonal Boron Nitride. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 3189-3198.	8.0	9
3	2D Ultrathin ϵ -ZnTe with High Environmental Stability. <i>Advanced Electronic Materials</i> , 2022, 8, .	5.1	9
4	Machine learning for design principles for single atom catalysts towards electrochemical reactions. <i>Journal of Materials Chemistry A</i> , 2022, 10, 15309-15331.	10.3	28
5	Elimination of Uremic Toxins by Functionalized Graphene-Based Composite Beads for Direct Hemoperfusion. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 5955-5965.	8.0	19
6	Singlet Oxygen Photosensitization Using Graphene-Based Structures and Immobilized Dyes: A Review. <i>ACS Applied Nano Materials</i> , 2021, 4, 7563-7586.	5.0	25
7	Synthesis of hexagonal boron nitrides by chemical vapor deposition and their use as single photon emitters. <i>Nano Materials Science</i> , 2021, 3, 291-312.	8.8	29
8	Large-Size Superlattices Synthesized by Sequential Sulfur Substitution-Induced Transformation of Metastable MoTe_2 . <i>Chemistry of Materials</i> , 2021, 33, 9760-9768.	6.7	5
9	Enhancement of MoTe_2 near-infrared absorption with gold hollow nanorods for photodetection. <i>Nano Research</i> , 2020, 13, 1636-1643.	10.4	21
10	Highly Reversible Sodiation/Desodiation from a Carbon-Sandwiched SnS_2 Nanosheet Anode for Sodium Ion Batteries. <i>Nano Letters</i> , 2020, 20, 3844-3851.	9.1	69
11	Confinement-Enhanced Rapid Interlayer Diffusion within Graphene-Supported Anisotropic ReSe_2 Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 31147-31154.	8.0	13
12	Selenium Edge as a Selective Anchoring Site for Lithium-Sulfur Batteries with MoSe_2 /Graphene-Based Cathodes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 19986-19993.	8.0	67
13	Coherent Heterostructure Mesh Grown by Gap-Filling Epitaxial Chemical Vapor Deposition. <i>Chemistry of Materials</i> , 0, , .	6.7	2