

Jiarun Geng

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

325
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

240
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface plasmon mediates the visible light-responsive lithium-oxygen battery with Au nanoparticles on defective carbon nitride. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	74
2	Spin-State Manipulation of Two-Dimensional Metal-Organic Framework with Enhanced Metal-Oxygen Covalency for Lithium-Oxygen Batteries. Angewandte Chemie - International Edition, 2022, 61, .	13.8	65
3	Internal Electric Field and Interfacial Bonding Engineered Step-Scheme Junction for a Visible-Light-Involved Lithium-Oxygen Battery. Angewandte Chemie - International Edition, 2022, 61, e202116699.	13.8	51
4	Tunable Hollow Pt@Ru Dodecahedra via Galvanic Replacement for Efficient Methanol Oxidation. ACS Applied Materials & Interfaces, 2020, 12, 23046-23050.	8.0	38
5	Hot-Injection Synthesis of PtCu ₃ Concave Nanocubes with High-Index Facets for Electrocatalytic Oxidation of Methanol and Formic Acid. ACS Applied Energy Materials, 2020, 3, 1010-1016.	5.1	28
6	Quinone-Based Conducting Three-Dimensional Metal-Organic Framework as a Cathode Material for Lithium-Ion Batteries. Journal of Physical Chemistry C, 2021, 125, 20814-20820.	3.1	27
7	Biaxial strained dual-phase palladium-copper bimetal boosts formic acid electrooxidation. Nano Research, 2022, 15, 280-284.	10.4	19
8	Anionic Redox Chemistry for Sodium-Ion Batteries: Mechanisms, Advances, and Challenges. Energy & Fuels, 2022, 36, 8081-8095.	5.1	13
9	Internal Electric Field and Interfacial Bonding Engineered Step-Scheme Junction for a Visible-Light-Involved Lithium-Oxygen Battery. Angewandte Chemie, 2022, 134, .	2.0	5
10	Spin-State Manipulation of Two-Dimensional Metal-Organic Framework with Enhanced Metal-Oxygen Covalency for Lithium-Oxygen Batteries. Angewandte Chemie, 2022, 134, .	2.0	5