

Yuebin Lian

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,438
citations

304743

22
h-index

454955

30
g-index

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all docs

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docs citations

30
times ranked

3197
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyacrylonitrile-based gel polymer electrolyte filled with Prussian blue for high-performance lithium polymer batteries. <i>Chinese Chemical Letters</i> , 2021, 32, 890-894.	9.0	15
2	Breaking the Linear Scaling Relationship by Compositional and Structural Crafting of Ternary Cu@Au/Ag Nanoframes for Electrocatalytic Ethylene Production. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2508-2518.	13.8	92
3	Breaking the Linear Scaling Relationship by Compositional and Structural Crafting of Ternary Cu@Au/Ag Nanoframes for Electrocatalytic Ethylene Production. <i>Angewandte Chemie</i> , 2021, 133, 2538-2548.	2.0	15
4	Visible-Light Photocatalytic CO ₂ Reduction Using Metal-Organic Framework Derived Ni(OH) ₂ Nanocages: A Synergy from Multiple Light Reflection, Static Charge Transfer, and Oxygen Vacancies. <i>ACS Catalysis</i> , 2021, 11, 345-354.	11.2	117
5	Dissecting the interfaces of MOF-coated CdS on synergized charge transfer for enhanced photocatalytic CO ₂ reduction. <i>Journal of Catalysis</i> , 2021, 397, 128-136.	6.2	61
6	Crystal Splintering of γ -MnO ₂ Induced by Interstitial Ru Doping Toward Reversible Oxygen Conversion. <i>Chemistry of Materials</i> , 2021, 33, 4135-4145.	6.7	34
7	Water-Transferred Hydrophobic CVD Graphene Enables Water-Resistant and Dendrite-Free Lithium Anode toward Long Cycle Li-Air Battery. <i>Advanced Science</i> , 2021, 8, e2100488.	11.2	28
8	One-dimensional HKUST-1 nanobelts from Cu nanowires. <i>Chinese Chemical Letters</i> , 2020, 31, 517-520.	9.0	6
9	Electrostatic charge transfer for boosting the photocatalytic CO ₂ reduction on metal centers of 2D MOF/rGO heterostructure. <i>Applied Catalysis B: Environmental</i> , 2020, 262, 118144.	20.2	175
10	Unpaired 3d Electrons on Atomically Dispersed Cobalt Centres in Coordination Polymers Regulate both Oxygen Reduction Reaction (ORR) Activity and Selectivity for Use in Zinc-Air Batteries. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 286-294.	13.8	200
11	Highly efficient water splitting driven by zinc-air batteries with a single catalyst incorporating rich active species. <i>Applied Catalysis B: Environmental</i> , 2020, 263, 118139.	20.2	38
12	Topotactically Transformed Polygonal Mesopores on Ternary Layered Double Hydroxides Exposing Under-Coordinated Metal Centers for Accelerated Water Dissociation. <i>Advanced Materials</i> , 2020, 32, e2006784.	21.0	186
13	Elucidation of Active Sites on S, N Codoped Carbon Cubes Embedding Co@Fe Carbides toward Reversible Oxygen Conversion in High-Performance Zinc-Air Batteries. <i>Small</i> , 2020, 16, e1907368.	10.0	66
14	Self-Phosphorization of MOF-Armored Microbes for Advanced Energy Storage. <i>Small</i> , 2020, 16, e2000755.	10.0	23
15	rGO-CNT aerogel embedding iron phosphide nanocubes for high-performance Li-polysulfide batteries. <i>Carbon</i> , 2020, 167, 446-454.	10.3	21
16	Nitrogen-doped carbon fibers embedding CoO _x nanoframes towards wearable energy storage. <i>Nanoscale</i> , 2020, 12, 8922-8933.	5.6	19
17	Redox-Driven Lithium Perfusion to Fabricate Li@Ni-Foam Composites for High Lithium-Loading 3D Anodes. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 9355-9364.	8.0	24
18	Active nickel derived from coordination complex with weak inter/intra-molecular interactions for efficient hydrogen evolution via a tandem mechanism. <i>Journal of Catalysis</i> , 2020, 389, 29-37.	6.2	7

#	ARTICLE	IF	CITATIONS
19	Morphological and Electronic Tuning of Ni ₂ P through Iron Doping toward Highly Efficient Water Splitting. ACS Catalysis, 2019, 9, 8882-8892.	11.2	227
20	Octahedral gold-silver nanoframes with rich crystalline defects for efficient methanol oxidation manifesting a CO-promoting effect. Nature Communications, 2019, 10, 3782.	12.8	113
21	Alkaliphilic Cu ₂ O nanowires on copper foam for hosting Li/Na as ultrastable alkali-metal anodes. Journal of Materials Chemistry A, 2019, 7, 20926-20935.	10.3	49
22	Carved nanoframes of cobalt-iron bimetal phosphide as a bifunctional electrocatalyst for efficient overall water splitting. Chemical Science, 2019, 10, 464-474.	7.4	238
23	MnIII-enriched MnO ₂ nanowires as efficient bifunctional oxygen catalysts for rechargeable Zn-air batteries. Energy Storage Materials, 2019, 23, 252-260.	18.0	80
24	A Double Buffering Strategy to Boost the Lithium Storage of Botryoid MnO _x /C Anodes. Small, 2019, 15, e1900015.	10.0	42
25	Mosaic rGO layers on lithium metal anodes for the effective mediation of lithium plating and stripping. Journal of Materials Chemistry A, 2019, 7, 12214-12224.	10.3	44
26	β-Fe ₂ O ₃ nanoparticles embedded in porous carbon fibers as binder-free anodes for high-performance lithium and sodium ion batteries. Journal of Alloys and Compounds, 2019, 777, 127-134.	5.5	52
27	Phase and Morphology Transformation of MnO ₂ Induced by Ionic Liquids toward Efficient Water Oxidation. ACS Catalysis, 2018, 8, 10137-10147.	11.2	102
28	Activity and selectivity regulation through varying the size of cobalt active sites in photocatalytic CO ₂ reduction. Journal of Materials Chemistry A, 2018, 6, 21110-21119.	10.3	70
29	Bandgap engineering of a lead-free defect perovskite Cs ₃ Bi ₂ I ₉ through trivalent doping of Ru ³⁺ . RSC Advances, 2018, 8, 25802-25807.	3.6	54
30	A hierarchical nickel-carbon structure templated by metal-organic frameworks for efficient overall water splitting. Energy and Environmental Science, 2018, 11, 2363-2371.	30.8	240