

Lingyou Zeng

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

1,652
citations

11
h-index

15
g-index

15
ext. papers

2,137
ext. citations

12.7
avg, IF

4.55
L-index

#	Paper	IF	Citations
14	In-situ construction of N-doped carbon nanosnakes encapsulated FeCoSe nanoparticles as efficient bifunctional electrocatalyst for overall water splitting. <i>Journal of Energy Chemistry</i> , 2022 , 68, 699-708	12	2
13	High-precision synthesis of MnO ₂ nanowires with controllable crystal facets for propane oxidation. <i>CrystEngComm</i> , 2021 , 23, 7602-7614	3.3	1
12	Fe-Doped Mn ₃ O ₄ Spinel Nanoparticles with Highly Exposed Feoctahedral Sites for Efficient Selective Catalytic Reduction (SCR) of NO with Ammonia at Low Temperatures. <i>ACS Catalysis</i> , 2020 , 10, 6803-6809	13.1	25
11	Design of assembled composite of Mn ₃ O ₄ @Graphitic carbon porous nano-dandelions: A catalyst for Low-temperature selective catalytic reduction of NO _x with remarkable SO ₂ resistance. <i>Applied Catalysis B: Environmental</i> , 2020 , 269, 118731	21.8	23
10	Reaction environment self-modification on low-coordination Ni ²⁺ octahedra atomic interface for superior electrocatalytic overall water splitting. <i>Nano Research</i> , 2020 , 13, 3068-3074	10	20
9	Study on the NO ₂ production pathways and the role of NO ₂ in fast selective catalytic reduction DeNO _x at low-temperature over MnO _x /TiO ₂ catalyst. <i>Chemical Engineering Journal</i> , 2020 , 379, 122288	14.7	26
8	Neutral-pH overall water splitting catalyzed efficiently by a hollow and porous structured ternary nickel sulfoselenide electrocatalyst. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 16793-16802	13	43
7	Design of basal plane active MoS ₂ through one-step nitrogen and phosphorus co-doping as an efficient pH-universal electrocatalyst for hydrogen evolution. <i>Nano Energy</i> , 2019 , 58, 862-869	17.1	53
6	Multiple modulations of pyrite nickel sulfides via metal heteroatom doping engineering for boosting alkaline and neutral hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 25628-25640	13	40
5	Core-Shell ZIF-8@ZIF-67-Derived CoP Nanoparticle-Embedded N-Doped Carbon Nanotube Hollow Polyhedron for Efficient Overall Water Splitting. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2610-2618	16.4	1073
4	Tunable 3D hierarchical Ni ₃ S ₂ superstructures as efficient and stable bifunctional electrocatalysts for both H ₂ and O ₂ generation. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 4485-4493	13	56
3	Targeted bottom-up synthesis of 1T-phase MoS ₂ arrays with high electrocatalytic hydrogen evolution activity by simultaneous structure and morphology engineering. <i>Nano Research</i> , 2018 , 11, 4368-4379	10.32	32
2	Three-dimensional-networked Ni ₂ P/Ni ₃ S ₂ heteronanoflake arrays for highly enhanced electrochemical overall-water-splitting activity. <i>Nano Energy</i> , 2018 , 51, 26-36	17.1	249
1	Product distribution and catalytic performance of nano-sized H-ZSM-5 zeolites in the methanol-to-aromatics (MTA) reaction. <i>Petroleum Science and Technology</i> , 2017 , 35, 955-962	1.4	6