

Xueli

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.

40
papers

6,269
citations

27
h-index

46
g-index

46
ext. papers

7,947
ext. citations

20.8
avg, IF

5.51
L-index

#	Paper	IF	Citations
40	Metal-Confined Synthesis of ZnS ₂ Monolayer Catalysts for Dinitrogen Electroreduction. <i>ACS Catalysis</i> , 2022 , 12, 6809-6815	13.1	0
39	All-Solid-State Lithium-Sulfur Batteries Enhanced by Redox Mediators. <i>Journal of the American Chemical Society</i> , 2021 , 143, 18188-18195	16.4	16
38	Defect-mediated ferromagnetism in correlated two-dimensional transition metal phosphorus trisulfides. <i>Science Advances</i> , 2021 , 7, eabj4086	14.3	10
37	Valence-State Effect of Iridium Dopant in NiFe(OH) Catalyst for Hydrogen Evolution Reaction. <i>Small</i> , 2021 , 17, e2100203	11	10
36	Large Scale Synthesis of Manganese Oxide/Reduced Graphene Oxide Composites as Anode Materials for Long Cycle Lithium Ion Batteries. <i>ACS Applied Energy Materials</i> , 2021 , 4, 5424-5433	6.1	0
35	Organic wastewater treatment by a single-atom catalyst and electrolytically produced HO. <i>Nature Sustainability</i> , 2021 , 4, 233-241	22.1	105
34	Origin of enhanced water oxidation activity in an iridium single atom anchored on NiFe oxyhydroxide catalyst. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	21
33	Incorporating the Nanoscale Encapsulation Concept from Liquid Electrolytes into Solid-State Lithium-Sulfur Batteries. <i>Nano Letters</i> , 2020 , 20, 5496-5503	11.5	15
32	Hydration-Effect-Promoting Ni-Fe Oxyhydroxide Catalysts for Neutral Water Oxidation. <i>Advanced Materials</i> , 2020 , 32, e1906806	24	33
31	Electrochemical generation of liquid and solid sulfur on two-dimensional layered materials with distinct areal capacities. <i>Nature Nanotechnology</i> , 2020 , 15, 231-237	28.7	36
30	Synergistic enhancement of electrocatalytic CO reduction to C oxygenates at nitrogen-doped nanodiamonds/Cu interface. <i>Nature Nanotechnology</i> , 2020 , 15, 131-137	28.7	92
29	High-valence metals improve oxygen evolution reaction performance by modulating 3d metal oxidation cycle energetics. <i>Nature Catalysis</i> , 2020 , 3, 985-992	36.5	149
28	Electroreduction of Carbon Dioxide in Metallic Nanopores through a Pincer Mechanism. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 19297-19303	16.4	12
27	Electroreduction of Carbon Dioxide in Metallic Nanopores through a Pincer Mechanism. <i>Angewandte Chemie</i> , 2020 , 132, 19459-19465	3.6	3
26	Unveiling the critical role of the Mn dopant in a NiFe(OH) ₂ catalyst for water oxidation. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 17471-17476	13	10
25	Active Sulfur Sites in Semimetallic Titanium Disulfide Enable CO ₂ Electroreduction. <i>ACS Catalysis</i> , 2020 , 10, 66-72	13.1	16
24	Engineering NiO/NiFe LDH Intersection to Bypass Scaling Relationship for Oxygen Evolution Reaction via Dynamic Tridimensional Adsorption of Intermediates. <i>Advanced Materials</i> , 2019 , 31, e1804769	24	176

23	Engineering Interface and Oxygen Vacancies of NiCoSe to Boost Oxygen Catalysis for Flexible Zn-Air Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 27964-27972	9.5	17
22	P-Doped Iron-Nickel Sulfide Nanosheet Arrays for Highly Efficient Overall Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 27667-27676	9.5	89
21	Atomically engineering activation sites onto metallic 1T-MoS catalysts for enhanced electrochemical hydrogen evolution. <i>Nature Communications</i> , 2019 , 10, 982	17.4	180
20	Highly active oxygen evolution integrated with efficient CO to CO electroreduction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 23915-23922	11.5	33
19	Multi-site electrocatalysts for hydrogen evolution in neutral media by destabilization of water molecules. <i>Nature Energy</i> , 2019 , 4, 107-114	62.3	264
18	Steering post-C ₁ coupling selectivity enables high efficiency electroreduction of carbon dioxide to multi-carbon alcohols. <i>Nature Catalysis</i> , 2018 , 1, 421-428	36.5	348
17	Theory-driven design of high-valence metal sites for water oxidation confirmed using in situ soft X-ray absorption. <i>Nature Chemistry</i> , 2018 , 10, 149-154	17.6	328
16	Reversible and selective ion intercalation through the top surface of few-layer MoS. <i>Nature Communications</i> , 2018 , 9, 5289	17.4	70
15	Atomic-level structure engineering of metal oxides for high-rate oxygen intercalation pseudocapacitance. <i>Science Advances</i> , 2018 , 4, eaau6261	14.3	130
14	Modest Oxygen-Defective Amorphous Manganese-Based Nanoparticle Mullite with Superior Overall Electrocatalytic Performance for Oxygen Reduction Reaction. <i>Small</i> , 2017 , 13, 1603903	11	53
13	Enhanced Solar-to-Hydrogen Generation with Broadband Epsilon-Near-Zero Nanostructured Photocatalysts. <i>Advanced Materials</i> , 2017 , 29, 1701165	24	29
12	Highly Emissive Green Perovskite Nanocrystals in a Solid State Crystalline Matrix. <i>Advanced Materials</i> , 2017 , 29, 1605945	24	252
11	Sulfur-Modulated Tin Sites Enable Highly Selective Electrochemical Reduction of CO ₂ to Formate. <i>Joule</i> , 2017 , 1, 794-805	27.8	263
10	Biofunctionalized conductive polymers enable efficient CO electroreduction. <i>Science Advances</i> , 2017 , 3, e1700686	14.3	61
9	High-Density Nanosharp Microstructures Enable Efficient CO Electroreduction. <i>Nano Letters</i> , 2016 , 16, 7224-7228	11.5	126
8	Engineering surface atomic structure of single-crystal cobalt (II) oxide nanorods for superior electrocatalysis. <i>Nature Communications</i> , 2016 , 7, 12876	17.4	471
7	ZnFe ₂ O ₄ Leaves Grown on TiO ₂ Trees Enhance Photoelectrochemical Water Splitting. <i>Small</i> , 2016 , 12, 3181-8	11	50
6	Homogeneously dispersed multimetal oxygen-evolving catalysts. <i>Science</i> , 2016 , 352, 333-7	33.3	1459

- 5 Water Splitting: Strongly Coupled Nafion Molecules and Ordered Porous CdS Networks for Enhanced Visible-Light Photoelectrochemical Hydrogen Evolution (Adv. Mater. 24/2016). *Advanced Materials*, **2016**, 28, 4943 24
- 4 Strongly Coupled Nafion Molecules and Ordered Porous CdS Networks for Enhanced Visible-Light Photoelectrochemical Hydrogen Evolution. *Advanced Materials*, **2016**, 28, 4935-42 24 75
- 3 Enhanced electrocatalytic CO reduction via field-induced reagent concentration. *Nature*, **2016**, 537, 382-384 997
- 2 Carbon Nanotube Reinforced CdSe Inverse Opal with Crack-Free Structure and High Conductivity for Photovoltaic Applications. *Advanced Materials Interfaces*, **2015**, 2, 1400464 4.6 12
- 1 Concentrated dual-cation electrolyte strategy for aqueous zinc-ion batteries. *Energy and Environmental Science*, 35.4 42