

# Xueli

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

9,613  
citations

159525

30  
h-index

243529

44  
g-index

46  
all docs

46  
docs citations

46  
times ranked

11729  
citing authors

#	ARTICLE	IF	CITATIONS
1	Homogeneously dispersed multimetal oxygen-evolving catalysts. <i>Science</i> , 2016, 352, 333-337.	6.0	1,948
2	Enhanced electrocatalytic CO <sub>2</sub> reduction via field-induced reagent concentration. <i>Nature</i> , 2016, 537, 382-386.	13.7	1,429
3	Engineering surface atomic structure of single-crystal cobalt (II) oxide nanorods for superior electrocatalysis. <i>Nature Communications</i> , 2016, 7, 12876.	5.8	568
4	Steering post-C <sub>1</sub> C coupling selectivity enables high efficiency electroreduction of carbon dioxide to multi-carbon alcohols. <i>Nature Catalysis</i> , 2018, 1, 421-428.	16.1	537
5	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.	6.6	476
6	Multi-site electrocatalysts for hydrogen evolution in neutral media by destabilization of water molecules. <i>Nature Energy</i> , 2019, 4, 107-114.	19.8	470
7	Sulfur-Modulated Tin Sites Enable Highly Selective Electrochemical Reduction of CO <sub>2</sub> to Formate. <i>Joule</i> , 2017, 1, 794-805.	11.7	390
8	High-valence metals improve oxygen evolution reaction performance by modulating 3d metal oxidation cycle energetics. <i>Nature Catalysis</i> , 2020, 3, 985-992.	16.1	390
9	Organic wastewater treatment by a single-atom catalyst and electrolytically produced H <sub>2</sub> O <sub>2</sub> . <i>Nature Sustainability</i> , 2021, 4, 233-241.	11.5	350
10	Atomically engineering activation sites onto metallic 1T-MoS <sub>2</sub> catalysts for enhanced electrochemical hydrogen evolution. <i>Nature Communications</i> , 2019, 10, 982.	5.8	311
11	Highly Emissive Green Perovskite Nanocrystals in a Solid State Crystalline Matrix. <i>Advanced Materials</i> , 2017, 29, 1605945.	11.1	309
12	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.	11.1	264
13	Concentrated dual-cation electrolyte strategy for aqueous zinc-ion batteries. <i>Energy and Environmental Science</i> , 2021, 14, 4463-4473.	15.6	203
14	Synergistic enhancement of electrocatalytic CO <sub>2</sub> reduction to C <sub>2</sub> oxygenates at nitrogen-doped nanodiamonds/Cu interface. <i>Nature Nanotechnology</i> , 2020, 15, 131-137.	15.6	169
15	Atomic-level structure engineering of metal oxides for high-rate oxygen intercalation pseudocapacitance. <i>Science Advances</i> , 2018, 4, eaau6261.	4.7	164
16	High-Density Nanosharp Microstructures Enable Efficient CO <sub>2</sub> Electroreduction. <i>Nano Letters</i> , 2016, 16, 7224-7228.	4.5	158
17	P-Doped Iron-Nickel Sulfide Nanosheet Arrays for Highly Efficient Overall Water Splitting. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 27667-27676.	4.0	155
18	Reversible and selective ion intercalation through the top surface of few-layer MoS <sub>2</sub> . <i>Nature Communications</i> , 2018, 9, 5289.	5.8	119

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19	Strongly Coupled Nafion Molecules and Ordered Porous CdS Networks for Enhanced Visible-Light Photoelectrochemical Hydrogen Evolution. <i>Advanced Materials</i> , 2016, 28, 4935-4942.	11.1	95
20	Biofunctionalized conductive polymers enable efficient CO <sub>2</sub> electroreduction. <i>Science Advances</i> , 2017, 3, e1700686.	4.7	89
21	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, .	3.3	71
22	Modest Oxygen-Defective Amorphous Manganese-Based Nanoparticle Mullite with Superior Overall Electrocatalytic Performance for Oxygen Reduction Reaction. <i>Small</i> , 2017, 13, 1603903.	5.2	69
23	All-Solid-State Lithium-Sulfur Batteries Enhanced by Redox Mediators. <i>Journal of the American Chemical Society</i> , 2021, 143, 18188-18195.	6.6	66
24	Electrochemical generation of liquid and solid sulfur on two-dimensional layered materials with distinct areal capacities. <i>Nature Nanotechnology</i> , 2020, 15, 231-237.	15.6	65
25	Hydration-Effect-Promoting Ni-Fe Oxyhydroxide Catalysts for Neutral Water Oxidation. <i>Advanced Materials</i> , 2020, 32, e1906806.	11.1	62
26	Highly active oxygen evolution integrated with efficient CO <sub>2</sub> to CO electroreduction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23915-23922.	3.3	58
27	ZnFe <sub>2</sub> O <sub>4</sub> Leaves Grown on TiO <sub>2</sub> Trees Enhance Photoelectrochemical Water Splitting. <i>Small</i> , 2016, 12, 3181-3188.	5.2	56
28	Unveiling the critical role of the Mn dopant in a NiFe(OH) <sub>2</sub> catalyst for water oxidation. <i>Journal of Materials Chemistry A</i> , 2020, 8, 17471-17476.	5.2	41
29	Enhanced Solar-to-Hydrogen Generation with Broadband Epsilon-Near-Zero Nanostructured Photocatalysts. <i>Advanced Materials</i> , 2017, 29, 1701165.	11.1	39
30	Defect-mediated ferromagnetism in correlated two-dimensional transition metal phosphorus trisulfides. <i>Science Advances</i> , 2021, 7, eabj4086.	4.7	35
31	Electroreduction of Carbon Dioxide in Metallic Nanopores through a Pincer Mechanism. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19297-19303.	7.2	33
32	Engineering Interface and Oxygen Vacancies of Ni <sub>x</sub> Co <sub>1-x</sub> Se <sub>2</sub> to Boost Oxygen Catalysis for Flexible Zn-Air Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 27964-27972.	4.0	31
33	Valence-State Effect of Iridium Dopant in NiFe(OH) <sub>2</sub> Catalyst for Hydrogen Evolution Reaction. <i>Small</i> , 2021, 17, e2100203.	5.2	31
34	Incorporating the Nanoscale Encapsulation Concept from Liquid Electrolytes into Solid-State Lithium-Sulfur Batteries. <i>Nano Letters</i> , 2020, 20, 5496-5503.	4.5	30
35	Active Sulfur Sites in Semimetallic Titanium Disulfide Enable CO <sub>2</sub> Electroreduction. <i>ACS Catalysis</i> , 2020, 10, 66-72.	5.5	25
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.	2.5	16

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37	Carbon Nanotube Reinforced CdSe Inverse Opal with Crack-Free Structure and High Conductivity for Photovoltaic Applications. <i>Advanced Materials Interfaces</i> , 2015, 2, 1400464.	1.9	12
38	Electroreduction of Carbon Dioxide in Metallic Nanopores through a Pincer Mechanism. <i>Angewandte Chemie</i> , 2020, 132, 19459-19465.	1.6	6
39	Metal-Confined Synthesis of ZnS <sub>2</sub> Monolayer Catalysts for Dinitrogen Electroreduction. <i>ACS Catalysis</i> , 2022, 12, 6809-6815.	5.5	6
40	Water Splitting: Strongly Coupled Nafion Molecules and Ordered Porous CdS Networks for Enhanced Visible-Light Photoelectrochemical Hydrogen Evolution ( <i>Adv. Mater.</i> 24/2016). <i>Advanced Materials</i> , 2016, 28, 4943-4943.	11.1	0