

Xianbiao Fu

List of Publications by Year in descending order

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14
papers

1,401
citations

687363

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1058476

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docs citations

14
times ranked

1938
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced Electrocatalysts with Single-Metal-Atom Active Sites. <i>Chemical Reviews</i> , 2020, 120, 12217-12314.	47.7	563
2	Two-dimensional copper nanosheets for electrochemical reduction of carbon monoxide to acetate. <i>Nature Catalysis</i> , 2019, 2, 423-430.	34.4	368
3	Alternative route for electrochemical ammonia synthesis by reduction of nitrate on copper nanosheets. <i>Applied Materials Today</i> , 2020, 19, 100620.	4.3	144
4	Acid/hydrazide-appended covalent triazine frameworks for low-pressure CO ₂ capture: pre-designable or post-synthesis modification. <i>Journal of Materials Chemistry A</i> , 2017, 5, 21266-21274.	10.3	40
5	Catalyst design by scanning probe block copolymer lithography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3764-3769.	7.1	40
6	Scalable Chemical Interface Confinement Reduction BiOBr to Bismuth Porous Nanosheets for Electroreduction of Carbon Dioxide to Liquid Fuel. <i>Advanced Functional Materials</i> , 2022, 32, 2107182.	14.9	40
7	Asymmetrical C-C Coupling for Electroreduction of CO on Bimetallic Cu-Pd Catalysts. <i>ACS Catalysis</i> , 2022, 12, 5275-5283.	11.2	35
8	Three-dimensional carbon material as stable host for dendrite-free lithium metal anodes. <i>Electrochimica Acta</i> , 2019, 301, 251-257.	5.2	32
9	High-entropy alloy nanoparticles as a promising electrocatalyst to enhance activity and durability for oxygen reduction. <i>Nano Research</i> , 2022, 15, 7868-7876.	10.4	29
10	Electrochemical reduction of CO ₂ towards multi-carbon products <i>via</i> a two-step process. <i>Reaction Chemistry and Engineering</i> , 2021, 6, 612-628.	3.7	28
11	Hyper-crosslinked aromatic polymers with improved microporosity for enhanced CO ₂ /N ₂ and CO ₂ /CH ₄ selectivity. <i>New Journal of Chemistry</i> , 2017, 41, 6834-6839.	2.8	27
12	Core-Shell Nanostructured Ru@Ir-O Electrocatalysts for Superb Oxygen Evolution in Acid. <i>Small</i> , 2022, 18, e2108031.	10.0	25
13	Two-Dimensional Pd Rafts Confined in Copper Nanosheets for Selective Semihydrogenation of Acetylene. <i>Nano Letters</i> , 2021, 21, 5620-5626.	9.1	18
14	Chemical upgrade of carbon monoxide to acetate on an atomically dispersed copper catalyst via CO-insertion. <i>Materials Today Physics</i> , 2021, 19, 100418.	6.0	12