

Ji Hoon Choi

List of Publications by Year in descending order

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Version: 2024-02-01

8

papers

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citations

1937685

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1588992

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docs citations

9

times ranked

56

citing authors

#	ARTICLE	IF	CITATIONS
1	Atomically tunable photo-assisted electrochemical oxidation process design for the decoration of ultimate-thin CuO on Cu ₂ O photocathodes and their enhanced photoelectrochemical performances. Journal of Materials Chemistry A, 2020, 8, 21744-21755.	10.3	21
2	Progressive NO ₂ Sensors with Rapid Alarm and Persistent Memory-Type Responses for Wide-Range Sensing Using Antimony Triselenide Nanoflakes. Advanced Functional Materials, 2021, 31, 2102439.	14.9	15
3	Toward Simultaneous Achievement of Outstanding Durability and Photoelectrochemical Reaction in Cu ₂ O Photocathodes via Electrochemically Designed Resistive Switching. Advanced Energy Materials, 2021, 11, 2101905.	19.5	12
4	Bundle-Type Columnar Cu ₂ O Photoabsorbers with Vertical Grain Boundaries Fabricated Using Instant Strike-Processed Metallic Seeds and Their Enhanced Photoelectrochemical Efficiency. ACS Sustainable Chemistry and Engineering, 2021, 9, 6390-6399.	6.7	5
5	Atomic-scale platinum deposition on photocathodes by multiple redox cycles under illumination for enhanced solar-to-hydrogen energy conversion. Journal of Power Sources, 2022, 533, 231410.	7.8	5
6	Optimal n-Type Al-Doped ZnO Overlayers for Charge Transport Enhancement in p-Type Cu ₂ O Photocathodes. Micromachines, 2021, 12, 338.	2.9	3
7	Progressive p-channel vertical transistors fabricated using electrodeposited copper oxide designed with grain boundary tunability. Materials Horizons, 2022, 9, 1010-1022.	12.2	3
8	Design of Functionally Stacked Channels of Oxide Thin-Film Transistors to Mimic Precise Ultralow-Light-Irradiated Synaptic Weight Modulation. Micromachines, 2022, 13, 526.	2.9	1