

# Ji Hoon Choi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9577028/publications.pdf>

Version: 2024-02-01

8  
papers

67  
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1937632  
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1588975  
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docs citations

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#	ARTICLE	IF	CITATIONS
1	Atomically tunable photo-assisted electrochemical oxidation process design for the decoration of ultrathin CuO on Cu <sub>2</sub> O photocathodes and their enhanced photoelectrochemical performances. <i>Journal of Materials Chemistry A</i> , 2020, 8, 21744-21755.	10.3	21
2	Progressive NO <sub>2</sub> Sensors with Rapid Alarm and Persistent Memory-Type Responses for Wide-Range Sensing Using Antimony Triselenide Nanoflakes. <i>Advanced Functional Materials</i> , 2021, 31, 2102439.	14.9	15
3	Toward Simultaneous Achievement of Outstanding Durability and Photoelectrochemical Reaction in Cu <sub>2</sub> O Photocathodes via Electrochemically Designed Resistive Switching. <i>Advanced Energy Materials</i> , 2021, 11, 2101905.	19.5	12
4	Bundle-Type Columnar Cu <sub>2</sub> O Photoabsorbers with Vertical Grain Boundaries Fabricated Using Instant Strike-Processed Metallic Seeds and Their Enhanced Photoelectrochemical Efficiency. <i>ACS Sustainable Chemistry and Engineering</i> , 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. <i>Journal of Power Sources</i> , 2022, 533, 231410.	7.8	5
6	Optimal n-Type Al-Doped ZnO Overlayers for Charge Transport Enhancement in p-Type Cu <sub>2</sub> O Photocathodes. <i>Micromachines</i> , 2021, 12, 338.	2.9	3
7	Progressive p-channel vertical transistors fabricated using electrodeposited copper oxide designed with grain boundary tunability. <i>Materials Horizons</i> , 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. <i>Micromachines</i> , 2022, 13, 526.	2.9	1