

# Tzu-Hsien Shen

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

309  
citations

1478505

6  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

409  
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time Monitoring Reveals Dissolution/Redeposition Mechanism in Copper Nanocatalysts during the Initial Stages of the CO <sub>2</sub> Reduction Reaction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1347-1354.	13.8	108
2	Oxygen Evolution Reaction in Ba <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>0.8</sub> Fe <sub>0.2</sub> O <sub>3-<math>\delta</math></sub> Aided by Intrinsic Co/Fe Spinel-Like Surface. <i>Journal of the American Chemical Society</i> , 2020, 142, 15876-15883.	13.7	81
3	Switchable wetting of oxygen-evolving oxide catalysts. <i>Nature Catalysis</i> , 2022, 5, 30-36.	34.4	62
4	Low-power resistive random access memory by confining the formation of conducting filaments. <i>AIP Advances</i> , 2016, 6, .	1.3	24
5	Charge/discharge cycling of Li <sub>1+x</sub> (Ni <sub>0.6</sub> Co <sub>0.2</sub> Mn <sub>0.2</sub> ) <sub>1-x</sub> O <sub>2</sub> primary particles performed in a liquid microcell for transmission electron microscopy studies. <i>JPhys Energy</i> , 2020, 2, 034007.	5.3	12
6	Lithium-Gold Reference Electrode for Potential Stability During In Situ Electron Microscopy Studies of Lithium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2020, 167, 110515.	2.9	10
7	Producing Atomically Abrupt Axial Heterojunctions in Silicon-Germanium Nanowires by Thermal Oxidation. <i>Nano Letters</i> , 2017, 17, 7494-7499.	9.1	6
8	Simulating Current Distribution of Oxygen Evolution Reaction in Microcells Using Finite Element Method. <i>Journal of the Electrochemical Society</i> , 2021, 168, 106508.	2.9	5
9	Electron probing of the oxygen evolving Ba <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>0.8</sub> Fe <sub>0.2</sub> O <sub>3-<math>\delta</math></sub> . <i>Microscopy and Microanalysis</i> , 2021, 27, 2438-2439.	0.4	1
10	B21-O-15 Strain in Si/Ge Heterojunction Nanowires. <i>Microscopy (Oxford, England)</i> , 2015, 64, i46.2-i46.	1.5	0