

# Songwei Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/445472/publications.pdf>

Version: 2024-02-01

11  
papers

193  
citations

1307594

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1372567

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11  
times ranked

258  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ambient Pressure X-ray Photoelectron Spectroscopy Investigation of Thermally Stable Halide Perovskite Solar Cells via Post-Treatment. ACS Applied Materials & Interfaces, 2020, 12, 43705-43713.	8.0	34
2	From $\text{O}_2$ to $\text{Air}$ Batteries: Realizing Superoxide Batteries on the Basis of Dry Ambient Air. Angewandte Chemie - International Edition, 2020, 59, 10498-10501.	13.8	33
3	Building a Reactive Armor Using S-Doped Graphene for Protecting Potassium Metal Anodes from Oxygen Crossover in $\text{O}_2$ Batteries. ACS Energy Letters, 2020, 5, 1788-1793.	17.4	32
4	Pursuing graphite-based K-ion $\text{O}_2$ batteries: a lesson from Li-ion batteries. Energy and Environmental Science, 2020, 13, 3656-3662.	30.8	31
5	Phase Transfer-Mediated Degradation of Ether-Based Localized High-Concentration Electrolytes in Alkali Metal Batteries. Angewandte Chemie - International Edition, 2022, 61, .	13.8	21
6	Designing Potassium Battery Salts through a Solvent-in-Anion Concept for Concentrated Electrolytes and Mimicking Solvation Structures. Chemistry of Materials, 2020, 32, 10423-10434.	6.7	16
7	From $\text{O}_2$ to $\text{Air}$ Batteries: Realizing Superoxide Batteries on the Basis of Dry Ambient Air. Angewandte Chemie, 2020, 132, 10584-10587.	2.0	10
8	$[\text{Mo}_2\text{O}_2\text{S}_8]^{2-}$ small molecule dimer as a basis for hydrogen evolution reaction (HER) catalyst materials. SN Applied Sciences, 2020, 2, 1.	2.9	8
9	$\text{K}_3\text{SbS}_4$ as a Potassium Superionic Conductor with Low Activation Energy for $\text{K}^+$ Batteries. Angewandte Chemie, 2022, 134, .	2.0	4
10	Phase Transfer-Mediated Degradation of Ether-Based Localized High-Concentration Electrolytes in Alkali Metal Batteries. Angewandte Chemie, 2022, 134, .	2.0	4
11	Photoelectrochemical $\text{H}_2\text{O}_2$ Production from Oxygen Reduction. ACS Symposium Series, 2020, , 93-109.	0.5	0