

Songwei Zhang

List of Publications by Year in descending order

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11
papers

193
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

258
citing authors

#	ARTICLE	IF	CITATIONS
1	K_3SbS_4 as a Potassium Superionic Conductor with Low Activation Energy for K^+ Batteries. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	4
2	Phase Transfer-Mediated Degradation of Ether-Based Localized High-Concentration Electrolytes in Alkali Metal Batteries. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	4
3	Phase Transfer-Mediated Degradation of Ether-Based Localized High-Concentration Electrolytes in Alkali Metal Batteries. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	21
4	Photoelectrochemical H_2O_2 Production from Oxygen Reduction. <i>ACS Symposium Series</i> , 2020, , 93-109.	0.5	0
5	Ambient Pressure X-ray Photoelectron Spectroscopy Investigation of Thermally Stable Halide Perovskite Solar Cells via Post-Treatment. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 43705-43713.	8.0	34
6	Pursuing graphite-based K-ion O_2 batteries: a lesson from Li-ion batteries. <i>Energy and Environmental Science</i> , 2020, 13, 3656-3662.	30.8	31
7	Designing Potassium Battery Salts through a Solvent-in-Anion Concept for Concentrated Electrolytes and Mimicking Solvation Structures. <i>Chemistry of Materials</i> , 2020, 32, 10423-10434.	6.7	16
8	Building a Reactive Armor Using S-Doped Graphene for Protecting Potassium Metal Anodes from Oxygen Crossover in O_2 Batteries. <i>ACS Energy Letters</i> , 2020, 5, 1788-1793.	17.4	32
9	From O_2 to Air Batteries: Realizing Superoxide Batteries on the Basis of Dry Ambient Air. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10498-10501.	13.8	33
10	$[Mo_2O_2S_8]^{2-}$ small molecule dimer as a basis for hydrogen evolution reaction (HER) catalyst materials. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	8
11	From O_2 to Air Batteries: Realizing Superoxide Batteries on the Basis of Dry Ambient Air. <i>Angewandte Chemie</i> , 2020, 132, 10584-10587.	2.0	10