Shuo Yang

List of Publications by Year
in descending order

13	311	1040056 9	1125743 13
papers	citations	h-index	g-index

13	13	13	357
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cofactorâ€Assisted Artificial Enzyme with Multiple Liâ€Bond Networks for Sustainable Polysulfide Conversion in Lithiumâ€“Sulfur Batteries. Advanced Science, 2022, 9, e2104205.	11.2	20
2	Sulfur Reduction Catalyst Design Inspired by Elemental Periodic Expansion Concept for Lithiumâ€“Sulfur Batteries. ACS Nano, 2022, 16, 6414-6425.	14.6	37
3	Pd/PdO Electrocatalysts Boost Their Intrinsic Nitrogen Reduction Reaction Activity and Selectivity <i>via</i> Controllably Modulating the Oxygen Level. ACS Applied Materials & Interfaces, 2022, 14, 20988-20996.	8.0	11
4	Organocatalysis-Inspired Palladium Molecule as a Robust Polysulfide-Confinement-Scissors Catalyst for Advanced Lithiumâ€“Sulfur Battery. ACS Applied Energy Materials, 2022, 5, 8538-8546.	5.1	4
5	Hydrogen-substituted graphdiyne/graphene as an sp/sp² hybridized carbon interlayer for lithiumâ€“sulfur batteries. Nanoscale, 2021, 13, 3817-3826.	5.6	27
6	NaBH₄-reduction induced tunable oxygen vacancies in LaNiO_{2.7} to enhance the oxygen evolution reaction. Chemical Communications, 2021, 57, 7168-7171.	4.1	11
7	Oxygen doping in antimony sulfide nanosheets to facilitate catalytic conversion of polysulfides for lithiumâ€“sulfur batteries. Chemical Communications, 2021, 57, 3255-3258.	4.1	23
8	Progress and Prospect of Organic Electrocatalysts in Lithiumâˆ’Sulfur Batteries. Frontiers in Chemistry, 2021, 9, 703354.	3.6	5
9	Dual-Regulation Strategy to Improve Anchoring and Conversion of Polysulfides in Lithiumâ€“Sulfur Batteries. ACS Nano, 2020, 14, 7538-7551.	14.6	80
10	Biomimetic Molecule Catalysts to Promote the Conversion of Polysulfides for Advanced Lithiumâ€“Sulfur Batteries. Advanced Functional Materials, 2020, 30, 2003354.	14.9	53
11	Electronic Structure of CO Adsorbed on Electrodeposited Pt Thin Layers on Polycrystalline Au Electrodes Probed by Potential-Dependent IR/Visible Double-Resonance Sum Frequency Generation Spectroscopy. Journal of Physical Chemistry C, 2018, 122, 8191-8201.	3.1	7
12	Broader energy distribution of CO adsorbed at polycrystalline Pt electrode in comparison with that at Pt(111) electrode in H2SO4 solution confirmed by potential dependent IR/visible double resonance sum frequency generation spectroscopy. Electrochimica Acta, 2017, 235, 280-286.	5.2	8
13	Electronic Structure of the CO/Pt(111) Electrode Interface Probed by Potential-Dependent IR/Visible Double Resonance Sum Frequency Generation Spectroscopy. Journal of Physical Chemistry C, 2015, 119, 26056-26063.	3.1	25