

Yun-Wei Song

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

992
citations

758635

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996533

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16
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times ranked

1339
citing authors

#	ARTICLE	IF	CITATIONS
1	Implanting Atomic Cobalt within Mesoporous Carbon toward Highly Stable Lithium-Sulfur Batteries. <i>Advanced Materials</i> , 2019, 31, e1903813.	11.1	310
2	Semi-Immobilized Molecular Electrocatalysts for High-Performance Lithium-Sulfur Batteries. <i>Journal of the American Chemical Society</i> , 2021, 143, 19865-19872.	6.6	173
3	Covalent Organic Frameworks Construct Precise Lithiophilic Sites for Uniform Lithium Deposition. <i>Matter</i> , 2021, 4, 253-264.	5.0	73
4	Redox mediator assists electron transfer in lithium-sulfur batteries with sulfurized polyacrylonitrile cathodes. <i>EcoMat</i> , 2021, 3, e12066.	6.8	69
5	From Supramolecular Species to Self-Templated Porous Carbon and Metal-Doped Carbon for Oxygen Reduction Reaction Catalysts. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4963-4967.	7.2	59
6	The formation of crystalline lithium sulfide on electrocatalytic surfaces in lithium-sulfur batteries. <i>Journal of Energy Chemistry</i> , 2022, 64, 568-573.	7.1	56
7	Direct Intermediate Regulation Enabled by Sulfur Containers in Working Lithium-Sulfur Batteries. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22150-22155.	7.2	55
8	Spatial and Kinetic Regulation of Sulfur Electrochemistry on Semi-Immobilized Redox Mediators in Working Batteries. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17670-17675.	7.2	54
9	Understanding the Impedance Response of Lithium Polysulfide Symmetric Cells. <i>Small Science</i> , 2021, 1, 2100042.	5.8	54
10	Boosting sulfur redox kinetics by a pentacenetrone redox mediator for high-energy-density lithium-sulfur batteries. <i>Nano Research</i> , 2023, 16, 8253-8259.	5.8	32
11	A Supramolecular Electrolyte for Lithium-Metal Batteries. <i>Batteries and Supercaps</i> , 2020, 3, 47-51.	2.4	17
12	Direct Intermediate Regulation Enabled by Sulfur Containers in Working Lithium-Sulfur Batteries. <i>Angewandte Chemie</i> , 2020, 132, 22334-22339.	1.6	9
13	From Supramolecular Species to Self-Templated Porous Carbon and Metal-Doped Carbon for Oxygen Reduction Reaction Catalysts. <i>Angewandte Chemie</i> , 2019, 131, 5017-5021.	1.6	7
14	Spatial and Kinetic Regulation of Sulfur Electrochemistry on Semi-Immobilized Redox Mediators in Working Batteries. <i>Angewandte Chemie</i> , 2020, 132, 17823-17828.	1.6	5
15	A Supramolecular Electrolyte for Lithium-Metal Batteries. <i>Batteries and Supercaps</i> , 2020, 3, 5-5.	2.4	0