

# Yu-Sheng Su

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

9,703  
citations

471509

17  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

8330  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rechargeable Lithium-Sulfur Batteries. <i>Chemical Reviews</i> , 2014, 114, 11751-11787.	47.7	3,842
2	Challenges and Prospects of Lithium-Sulfur Batteries. <i>Accounts of Chemical Research</i> , 2013, 46, 1125-1134.	15.6	1,962
3	Lithium-sulphur batteries with a microporous carbon paper as a bifunctional interlayer. <i>Nature Communications</i> , 2012, 3, 1166.	12.8	1,298
4	A new approach to improve cycle performance of rechargeable lithium-sulfur batteries by inserting a free-standing MWCNT interlayer. <i>Chemical Communications</i> , 2012, 48, 8817.	4.1	689
5	A strategic approach to recharging lithium-sulphur batteries for long cycle life. <i>Nature Communications</i> , 2013, 4, 2985.	12.8	376
6	Highly Reversible Lithium/Dissolved Polysulfide Batteries with Carbon Nanotube Electrodes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6930-6935.	13.8	291
7	Improved lithium-sulfur cells with a treated carbon paper interlayer. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 2291.	2.8	241
8	A facile in situ sulfur deposition route to obtain carbon-wrapped sulfur composite cathodes for lithium-sulfur batteries. <i>Electrochimica Acta</i> , 2012, 77, 272-278.	5.2	171
9	Self-weaving sulfur-carbon composite cathodes for high rate lithium-sulfur batteries. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 14495.	2.8	163
10	Sulfur-Polypyrrole Composite Cathodes for Lithium-Sulfur Batteries. <i>Journal of the Electrochemical Society</i> , 2012, 159, A1420-A1424.	2.9	141
11	Li <sub>2</sub> S-Carbon Sandwiched Electrodes with Superior Performance for Lithium-Sulfur Batteries. <i>Advanced Energy Materials</i> , 2014, 4, 1300655.	19.5	141
12	Sulfur-Carbon Nanocomposite Cathodes Improved by an Amphiphilic Block Copolymer for High-Rate Lithium-Sulfur Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 6046-6052.	8.0	98
13	In Charge of the World: Electrochemical Energy Storage. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 1295-1297.	4.6	60
14	Fast, Reversible Lithium Storage with a Sulfur/Long-Chain Polysulfide Redox Couple. <i>Chemistry - A European Journal</i> , 2013, 19, 8621-8626.	3.3	58
15	Sulfur/lithium-insertion compound composite cathodes for Li-S batteries. <i>Journal of Power Sources</i> , 2014, 270, 101-105.	7.8	57
16	Lithium Silicates in Anode Materials for Li-Ion and Li Metal Batteries. <i>Batteries</i> , 2022, 8, 2.	4.5	19
17	Graphene-Enhanced Battery Components in Rechargeable Lithium-Ion and Lithium Metal Batteries. <i>Journal of Carbon Research</i> , 2021, 7, 65.	2.7	8
18	Lithium Battery Model and Its Application to Parallel Charging. <i>Energies</i> , 2022, 15, 4767.	3.1	4

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19	Low-fire Processing of Microwave BaTi <sub>4</sub> O <sub>9</sub> Dielectric with BaO-Li <sub>2</sub> O-B <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> -ZnO Glass. Japanese Journal of Applied Physics, 2008, 47, 7254-7256.	1.5	3