Yu-Sheng Su

List of Publications by Year
in descending order

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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	Lithium Silicates in Anode Materials for Li-Ion and Li Metal Batteries. Batteries, 2022, 8, 2.	4.5	19
2	Lithium Battery Model and Its Application to Parallel Charging. Energies, 2022, 15, 4767.	3.1	4
3	Graphene-Enhanced Battery Components in Rechargeable Lithium-Ion and Lithium Metal Batteries. Journal of Carbon Research, 2021, 7, 65.	2.7	8
4	Li₂Sâ€Carbon Sandwiched Electrodes with Superior Performance for Lithiumâ€Sulfur Batteries. Advanced Energy Materials, 2014, 4, 1300655.	19.5	141
5	Sulfur/lithium-insertion compound composite cathodes for Liâ€“S batteries. Journal of Power Sources, 2014, 270, 101-105.	7.8	57
6	Rechargeable Lithiumâ€“Sulfur Batteries. Chemical Reviews, 2014, 114, 11751-11787.	47.7	3,842
7	Improved lithiumâ€“sulfur cells with a treated carbon paper interlayer. Physical Chemistry Chemical Physics, 2013, 15, 2291.	2.8	241
8	In Charge of the World: Electrochemical Energy Storage. Journal of Physical Chemistry Letters, 2013, 4, 1295-1297.	4.6	60
9	Highly Reversible Lithium/Dissolved Polysulfide Batteries with Carbon Nanotube Electrodes. Angewandte Chemie - International Edition, 2013, 52, 6930-6935.	13.8	291
10	Fast, Reversible Lithium Storage with a Sulfur/Longâ€Chainâ€Polysulfide Redox Couple. Chemistry - A European Journal, 2013, 19, 8621-8626.	3.3	58
11	Challenges and Prospects of Lithiumâ€“Sulfur Batteries. Accounts of Chemical Research, 2013, 46, 1125-1134.	15.6	1,962
12	A strategic approach to recharging lithium-sulphur batteries for long cycle life. Nature Communications, 2013, 4, 2985.	12.8	376
13	Sulfurâ€“Carbon Nanocomposite Cathodes Improved by an Amphiphilic Block Copolymer for High-Rate Lithiumâ€“Sulfur Batteries. ACS Applied Materials & Interfaces, 2012, 4, 6046-6052.	8.0	98
14	Self-weaving sulfurâ€“carbon composite cathodes for high rate lithiumâ€“sulfur batteries. Physical Chemistry Chemical Physics, 2012, 14, 14495.	2.8	163
15	A new approach to improve cycle performance of rechargeable lithiumâ€“sulfur batteries by inserting a free-standing MWCNT interlayer. Chemical Communications, 2012, 48, 8817.	4.1	689
16	Lithiumâ€“sulphur batteries with a microporous carbon paper as a bifunctional interlayer. Nature Communications, 2012, 3, 1166.	12.8	1,298
17	Sulfur-Polypyrrole Composite Cathodes for Lithium-Sulfur Batteries. Journal of the Electrochemical Society, 2012, 159, A1420-A1424.	2.9	141
18	A facile in situ sulfur deposition route to obtain carbon-wrapped sulfur composite cathodes for lithiumâ€“sulfur batteries. Electrochimica Acta, 2012, 77, 272-278.	5.2	171

#	Article	IF	Citations
19	Low-fire Processing of Microwave BaTi4O9Dielectric with BaOâ€“Li2Oâ€“B2O3â€“SiO2â€“ZnO Glass. Japanese Journal of Applied Physics, 2008, 47, 7254-7256.	1.5	3