

Jialiang Tang

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

522
citations

840776

11
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

961
citing authors

#	ARTICLE	IF	CITATIONS
1	Pollen-derived porous carbon by KOH activation: Effect of physicochemical structure on CO ₂ adsorption. <i>Journal of CO₂ Utilization</i> , 2019, 29, 146-155.	6.8	148
2	Pushing the theoretical capacity limits of iron oxide anodes: capacity rise of Fe_2O_3 nanoparticles in lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 18107-18115.	10.3	61
3	Advancement in sodium-ion rechargeable batteries. <i>Current Opinion in Chemical Engineering</i> , 2015, 9, 34-41.	7.8	55
4	Cobalt Nanoparticles Chemically Bonded to Porous Carbon Nanosheets: A Stable High-Capacity Anode for Fast-Charging Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4652-4661.	8.0	40
5	Wild Fungus Derived Carbon Fibers and Hybrids as Anodes for Lithium-Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 2624-2631.	6.7	37
6	Ultrasound-assisted synthesis of sodium powder as electrode additive to improve cycling performance of sodium-ion batteries. <i>Journal of Power Sources</i> , 2018, 396, 476-482.	7.8	37
7	From Allergens to Battery Anodes: Nature-Inspired, Pollen Derived Carbon Architectures for Room- and Elevated- Temperature Li-ion Storage. <i>Scientific Reports</i> , 2016, 6, 20290.	3.3	32
8	In situ sonochemical synthesis of luminescent Sn@C-dots and a hybrid Sn@C-dots@Sn anode for lithium-ion batteries. <i>RSC Advances</i> , 2016, 6, 66256-66265.	3.6	30
9	LiNi _{0.5} Mn _{0.3} Co _{0.2} O ₂ /Au nanocomposite thin film cathode with enhanced electrochemical properties. <i>Nano Energy</i> , 2018, 46, 290-296.	16.0	29
10	Fabrication of Carbon/Silicon Composite as Lithium-ion Anode with Enhanced Cycling Stability. <i>Electrochimica Acta</i> , 2017, 247, 626-633.	5.2	26
11	Sodium-ion Battery Anodes Comprising Carbon Sheets: Stable Cycling in Half- and Full-cell Configuration. <i>Energy Technology</i> , 2018, 6, 213-220.	3.8	16
12	Li ₂ MnO ₃ Thin Films with Tilted Domain Structure as Cathode for Li-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2019, 2, 3461-3468.	5.1	11
13	Ultrasonically Dispersed Sodium Powders As Electrode Additives for Improved Cycling of Sodium Ion Batteries. <i>ECS Meeting Abstracts</i> , 2017, , .	0.0	0