

Qinglu Fan

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

410
citations

1040056

9
h-index

1372567

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g-index

12
all docs

12
docs citations

12
times ranked

496
citing authors

#	ARTICLE	IF	CITATIONS
1	Mixed-conducting interlayer boosting the electrochemical performance of Ni-rich layered oxide cathode materials for lithium ion batteries. <i>Journal of Power Sources</i> , 2019, 421, 91-99.	7.8	101
2	Superior Stability Secured by a Four-Phase Cathode Electrolyte Interface on a Ni-Rich Cathode for Lithium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 36742-36750.	8.0	76
3	Li Alginate-Based Artificial SEI Layer for Stable Lithium Metal Anodes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 37726-37731.	8.0	60
4	Constructing effective TiO ₂ nano-coating for high-voltage Ni-rich cathode materials for lithium ion batteries by precise kinetic control. <i>Journal of Power Sources</i> , 2020, 477, 228745.	7.8	55
5	Heterojunction TiO ₂ @TiOF ₂ nanosheets as superior anode materials for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 5720-5729.	10.3	51
6	Constructing High Conductive Composite Coating with TiN and Polypyrrole to Improve the Performance of LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ at High Cutoff Voltage of 4.5 V. <i>ACS Applied Energy Materials</i> , 2021, 4, 10012-10024.	5.1	17
7	Can Greener Cyrene Replace NMP for Electrode Preparation of NMC 811 Cathodes?. <i>Journal of the Electrochemical Society</i> , 2021, 168, 040536.	2.9	16
8	Knitting a sweater with UV-induced in situ polymerization of poly(pyrrole-co-citral nitrile) on Ni-rich layer oxide cathode materials for lithium ion batteries. <i>Journal of Power Sources</i> , 2022, 520, 230768.	7.8	16
9	Tri-functional coating to enhance the capacity retention of LiNi _{0.5} Mn _{1.5} O ₄ for high power lithium ion battery. <i>Materials Letters</i> , 2018, 214, 68-71.	2.6	13
10	Three-dimensional hierarchical Ca ₃ Co ₄ O ₉ hollow fiber network as high performance anode material for lithium-ion battery. <i>Science China Technological Sciences</i> , 2021, 64, 673-679.	4.0	5
11	(Invited) Mitigating Layer Collapse at High Voltages. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 212-212.	0.0	0
12	(Invited) The Pillaring Effect on Layered Transition Metal Oxide Battery Cathode. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 11-11.	0.0	0