

Lihua Wang

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

237
citations

1163117

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1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

180
citing authors

#	ARTICLE	IF	CITATIONS
1	Regeneration cathode material mixture from spent lithium iron phosphate batteries. Journal of Materials Science: Materials in Electronics, 2018, 29, 9283-9290.	2.2	48
2	Direct regeneration method of spent $\text{LiNi}_{1/3}\text{Co}_{1/3}\text{Mn}_{1/3}\text{O}_2$ cathode materials via surface lithium residues. Green Chemistry, 2021, 23, 9099-9108.	9.0	39
3	A facile recycling and regeneration process for spent LiFePO_4 batteries. Journal of Materials Science: Materials in Electronics, 2019, 30, 14580-14588.	2.2	36
4	A method for recovering Li_3PO_4 from spent lithium iron phosphate cathode material through high-temperature activation. Ionics, 2019, 25, 5643-5653.	2.4	36
5	Regenerating of $\text{LiNi}_0.5\text{Co}_0.2\text{Mn}_0.3\text{O}_2$ cathode materials from spent lithium-ion batteries. Journal of Materials Science: Materials in Electronics, 2018, 29, 17661-17669.	2.2	34
6	Three-dimensionally layers nanosheets of MoS_2 with enhanced electrochemical performance using as free-standing anodes of lithium ion batteries. Journal of Materials Science: Materials in Electronics, 2018, 29, 3110-3119.	2.2	9
7	Coral-like $\text{Li}_7\text{La}_3\text{Zr}_2\text{O}_{12}$ -Filled PVDF-HFP/LiODFB Composite Electrolytes for Solid-State Batteries with Excellent Cycle Performance. ACS Applied Energy Materials, 2021, 4, 11447-11459.	5.1	9
8	Facile synthesis of SiO_2/C anode using PVC as carbon source for lithium-ion batteries. Journal of Materials Science: Materials in Electronics, 2019, 30, 69-78.	2.2	8
9	Preparation of FePO_4 and LiH_2PO_4 from cathode mixture materials of scrapped LiFePO_4 batteries. Journal of Materials Science: Materials in Electronics, 2020, 31, 4083-4091.	2.2	7
10	Effect of Cu impurity on the electrochemical performance of regenerated LiFePO_4/C electrode materials. Journal of Materials Science: Materials in Electronics, 2020, 31, 10460-10469.	2.2	4
11	Regenerated LiFePO_4/C for scrapped lithium iron phosphate powder batteries by pre-oxidation and reduction method. Ionics, 0, , 1.	2.4	4
12	Characterization of CNT@pyrolytic C-layer-coated Al foil: interfacial structures, reactions, and performances. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	2
13	Structures and interfaces of CNT: pyrolytic C coated Al foil and its performance as current collector of electrochemical double layer capacitor. Journal of Materials Science: Materials in Electronics, 2017, 28, 15095-15105.	2.2	1