Lihua Wang

List of Publications by Year
in descending order

13	237	1163117 8	1199594 12
papers	citations	h-index	g-index

13	13	13	180
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Direct regeneration method of spent LiNi_{1/3}Co_{1/3}Mn_{1/3}O₂ cathode materials via surface lithium residues. Green Chemistry, 2021, 23, 9099-9108.	9.0	39
2	Coral-like Li₇La₃Zr₂O₁₂-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
3	Effect of Cu impurity on the electrochemical performance of regenerated LiFePO4/C electrode materials. Journal of Materials Science: Materials in Electronics, 2020, 31, 10460-10469.	2.2	4
4	Preparation of FePO4 and LiH2PO4 from cathode mixture materials of scrapped LiFePO4 batteries. Journal of Materials Science: Materials in Electronics, 2020, 31, 4083-4091.	2.2	7
5	A facile recycling and regeneration process for spent LiFePO4 batteries. Journal of Materials Science: Materials in Electronics, 2019, 30, 14580-14588.	2.2	36
6	A method for recovering Li3PO4 from spent lithium iron phosphate cathode material through high-temperature activation. Ionics, 2019, 25, 5643-5653.	2.4	36
7	Facile synthesis of SiO2/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
8	Regeneration cathode material mixture from spent lithium iron phosphate batteries. Journal of Materials Science: Materials in Electronics, 2018, 29, 9283-9290.	2.2	48
9	Three-dimensionally layers nanosheets of MoS2 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
10	Regenerating of LiNi0.5Co0.2Mn0.3O2 cathode materials from spent lithium-ion batteries. Journal of Materials Science: Materials in Electronics, 2018, 29, 17661-17669.	2.2	34
11	Characterization of CNTâ€“pyrolytic C-layer-coated Al foil: interfacial structures, reactions, and performances. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	2
12	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
13	Regenerated LiFePO4/C for scrapped lithium iron phosphate powder batteries by pre-oxidation and reduction method. Ionics, 0, , 1.	2.4	4