Sanghyuk Park

List of Publications by Year
in descending order

10 papers	436 citations	1307594 7 h-index	1474206 9 g-index
10 all docs	10 docs citations	10 times ranked	367 citing authors

#	Article	IF	Citations
1	Recycling of spent lithium-ion battery cathode materials by ammoniacal leaching. Journal of Hazardous Materials, 2016, 313, 138-146.	12.4	268
2	A review on biomass-derived N-doped carbons as electrocatalysts in electrochemical energy applications. Chemical Engineering Journal, 2022, 446, 137116.	12.7	39
3	Understanding the role of trace amount of Fe incorporated in Ni-rich Li[Ni1-x-yCoxMny]O2 cathode material. Journal of Alloys and Compounds, 2020, 835, 155342.	5.5	33
4	Effect of Na from the leachate of spent Li-ion batteries on the properties of resynthesized Li-ion battery cathodes. Journal of Alloys and Compounds, 2021, 873, 159808.	5.5	25
5	Direct electrochemical lithium recovery from acidic lithium-ion battery leachate using intercalation electrodes. Resources, Conservation and Recycling, 2021, 175, 105837.	10.8	25
6	Carbothermic reduction of spent Lithium-Ion batteries using CO2 as reaction medium. Chemical Engineering Journal, 2022, 435, 135165.	12.7	21
7	Effect of Residual Trace Amounts of Fe and Al in Li[Ni1/3Mn1/3Co1/3]O2 Cathode Active Material for the Sustainable Recycling of Lithium-Ion Batteries. Materials, 2021, 14, 2464.	2.9	15
8	The Effect of Excessive Sulfate in the Li-Ion Battery Leachate on the Properties of Resynthesized Li[Ni1/3Co1/3Mn1/3]O2. Materials, 2021, 14, 6672.	2.9	6
9	Upgrading spent battery separator into syngas and hydrocarbons through CO2-Assisted thermochemical platform. Energy, 2022, 242, 122552.	8.8	4
10	Utilizing the Intrinsic Thermal Instability of Swedenborgite Structured YBaCo4O7+Î´ as an Opportunity for Material Engineering in Lithium-Ion Batteries by Er and Ga Co-Doping Processes. Materials, 2021, 14, 4565.	2.9	0