

Sanghyuk Park

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

436
citations

1307594

7
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1474206

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g-index

10
all docs

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docs citations

10
times ranked

367
citing authors

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