

Hyuntae Kim

List of Publications by Year in descending order

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papers

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citations

1163117
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597
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of new manganese orthophosphate $Mn_3(PO_4)_2$ coating for nickel-rich $LiNi_{0.6}Co_{0.2}Mn_{0.2}O_2$ cathode and improvement of its thermal properties. <i>Electrochimica Acta</i> , 2016, 198, 77-83.	5.2	117
2	Carbon dioxide absorption characteristics of aqueous amino acid salt solutions. <i>International Journal of Greenhouse Gas Control</i> , 2012, 11, 64-72.	4.6	108
3	Density, Viscosity, Heat Capacity, Surface Tension, and Solubility of CO_2 in Aqueous Solutions of Potassium Serinate. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 1371-1377.	1.9	49
4	In Situ Deprotection of Polymeric Binders for Solution-Processible Sulfide-Based All-Solid-State Batteries. <i>Advanced Materials</i> , 2020, 32, e2001702.	21.0	43
5	Pyrazine-Linked 2D Covalent Organic Frameworks as Coating Material for High-Nickel Layered Oxide Cathodes in Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 10597-10606.	8.0	35
6	Elastic Binder for High-Performance Sulfide-Based All-Solid-State Batteries. <i>ACS Energy Letters</i> , 2022, 7, 1374-1382.	17.4	27
7	Improved particle hardness of Ti-doped $LiNi_{1/3}Co_{1/3}Mn_{1/3-x}Ti_xO_2$ as high-voltage cathode material for lithium-ion batteries. <i>Journal of Physics and Chemistry of Solids</i> , 2018, 123, 271-278.	4.0	22
8	Incorporation of Titanium into Ni-Rich Layered Cathode Materials for Lithium-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2020, 3, 12204-12211.	5.1	17