

Kyojin Ku

List of Publications by Year in descending order

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14
papers

1,376
citations

840776

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996975

15
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docs citations

15
times ranked

2116
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Progress in Organic Electrodes for Li and Na Rechargeable Batteries. <i>Advanced Materials</i> , 2018, 30, e1704682.	21.0	366
2	Voltage decay and redox asymmetry mitigation by reversible cation migration in lithium-rich layered oxide electrodes. <i>Nature Materials</i> , 2020, 19, 419-427.	27.5	328
3	Review—Lithium-Excess Layered Cathodes for Lithium Rechargeable Batteries. <i>Journal of the Electrochemical Society</i> , 2015, 162, A2447-A2467.	2.9	141
4	Multi-electron redox phenazine for ready-to-charge organic batteries. <i>Green Chemistry</i> , 2017, 19, 2980-2985.	9.0	139
5	Exploiting Lithium—Ether Co—Intercalation in Graphite for High—Power Lithium—Ion Batteries. <i>Advanced Energy Materials</i> , 2017, 7, 1700418.	19.5	122
6	Suppression of Voltage Decay through Manganese Deactivation and Nickel Redox Buffering in High—Energy Layered Lithium—Rich Electrodes. <i>Advanced Energy Materials</i> , 2018, 8, 1800606.	19.5	97
7	Utilizing Latent Multi—Redox Activity of p—Type Organic Cathode Materials toward High Energy Density Lithium—Organic Batteries. <i>Advanced Energy Materials</i> , 2020, 10, 2001635.	19.5	47
8	A new lithium diffusion model in layered oxides based on asymmetric but reversible transition metal migration. <i>Energy and Environmental Science</i> , 2020, 13, 1269-1278.	30.8	39
9	Tin Sulfide—Based Nanohybrid for High—Performance Anode of Sodium—Ion Batteries. <i>Small</i> , 2017, 13, 1700767.	10.0	30
10	New Iron-Based Intercalation Host for Lithium-Ion Batteries. <i>Chemistry of Materials</i> , 2018, 30, 1956-1964.	6.7	20
11	Na—FeF ₂ nanocomposite: New type of Na-ion battery cathode material. <i>Nano Research</i> , 2017, 10, 4388-4397.	10.4	17
12	Process Engineering to Increase the Layered Phase Concentration in the Immediate Products of Flame Spray Pyrolysis. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 26915-26923.	8.0	11
13	Understanding the constant-voltage fast-charging process using a high-rate Ni-rich cathode material for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2021, 10, 288-295.	10.3	10
14	Trackable galvanostatic history in phase separation based electrodes for lithium-ion batteries: a mosaic sub-grouping intercalation model. <i>Energy and Environmental Science</i> , 2017, 10, 2352-2364.	30.8	5