

Eun-Sung Lee

List of Publications by Citations

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11
papers

1,664
citations

11
h-index

11
g-index

11
ext. papers

1,789
ext. citations

12.9
avg, IF

4.84
L-index

#	Paper	IF	Citations
11	A perspective on the high-voltage $\text{LiMn}_{1.5}\text{Ni}_{0.5}\text{O}_4$ spinel cathode for lithium-ion batteries. <i>Energy and Environmental Science</i> , 2014 , 7, 1339	35.4	456
10	Synthesis and characterization of manganese dioxide spontaneously coated on carbon nanotubes. <i>Carbon</i> , 2007 , 45, 375-382	10.4	330
9	Pseudocapacitive properties of electrochemically prepared nickel oxides on 3-dimensional carbon nanotube film substrates. <i>Journal of Power Sources</i> , 2008 , 182, 642-652	8.9	155
8	Influence of Cation Ordering and Lattice Distortion on the Charge/Discharge Behavior of $\text{LiMn}_{1.5}\text{Ni}_{0.5}\text{O}_4$ Spinel between 5.0 and 2.0 V. <i>Chemistry of Materials</i> , 2012 , 24, 3610-3620	9.6	148
7	High-Voltage, High-Energy Layered-Spinel Composite Cathodes with Superior Cycle Life for Lithium-Ion Batteries. <i>Chemistry of Materials</i> , 2012 , 24, 600-612	9.6	135
6	Factors Influencing the Electrochemical Properties of High-Voltage Spinel Cathodes: Relative Impact of Morphology and Cation Ordering. <i>Chemistry of Materials</i> , 2013 , 25, 2890-2897	9.6	119
5	Smart design of lithium-rich layered oxide cathode compositions with suppressed voltage decay. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 3932	13	95
4	Synthesis and Electrochemical Investigations of Ni_xO Thin Films and Ni_xO on Three-Dimensional Carbon Substrates for Electrochemical Capacitors. <i>Journal of the Electrochemical Society</i> , 2005 , 152, A2123	3.9	88
3	Influence of doping on the cation ordering and charge/discharge behavior of $\text{LiMn}_{1.5}\text{Ni}_{0.5}\text{M}_x\text{O}_4$ (M = Cr, Fe, Co, and Ga) spinels between 5.0 and 2.0 V. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 3118	13	61
2	Understanding the effect of synthesis temperature on the structural and electrochemical characteristics of layered-spinel composite cathodes for lithium-ion batteries. <i>Journal of Power Sources</i> , 2013 , 240, 193-203	8.9	40
1	Synthesis and Characterization of Lithium Bis(fluoromalonato)borate for Lithium-Ion Battery Applications. <i>Advanced Energy Materials</i> , 2014 , 4, 1301368	21.8	37