

Yoon-Sung Lee

List of Publications by Year in descending order

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14
papers

1,079
citations

687363

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996975

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docs citations

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times ranked

1681
citing authors

#	ARTICLE	IF	CITATIONS
1	Cross-linked Composite Gel Polymer Electrolyte using Mesoporous Methacrylate-Functionalized SiO ₂ Nanoparticles for Lithium-Ion Polymer Batteries. <i>Scientific Reports</i> , 2016, 6, 26332.	3.3	176
2	Improvement of the Cycling Performance of LiNi _{0.6} Co _{0.2} Mn _{0.2} O ₂ Cathode Active Materials by a Dual-Conductive Polymer Coating. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 2546-2552.	8.0	173
3	Improvement of the Cycling Performance and Thermal Stability of Lithium-Ion Cells by Double-Layer Coating of Cathode Materials with Al ₂ O ₃ Nanoparticles and Conductive Polymer. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 13944-13951.	8.0	151
4	Cycling Characteristics of Lithium Powder Polymer Batteries Assembled with Composite Gel Polymer Electrolytes and Lithium Powder Anode. <i>Advanced Functional Materials</i> , 2013, 23, 1019-1027.	14.9	141
5	Composite gel polymer electrolytes containing core-shell structured SiO ₂ (Li ⁺) particles for lithium-ion polymer batteries. <i>Electrochemistry Communications</i> , 2012, 17, 18-21.	4.7	101
6	Coating Lithium Titanate with Nitrogen-Doped Carbon by Simple Refluxing for High-Power Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 10250-10257.	8.0	65
7	Effect of an organic additive on the cycling performance and thermal stability of lithium-ion cells assembled with carbon anode and LiNi _{1/3} Co _{1/3} Mn _{1/3} O ₂ cathode. <i>Journal of Power Sources</i> , 2011, 196, 6997-7001.	7.8	51
8	Unique core-shell structured SiO ₂ (Li ⁺) nanoparticles for high-performance composite polymer electrolytes. <i>Journal of Materials Chemistry A</i> , 2013, 1, 395-401.	10.3	50
9	Improved Cycling Stability of Lithium Electrodes in Rechargeable Lithium Batteries. <i>Journal of the Electrochemical Society</i> , 2014, 161, A53-A57.	2.9	48
10	Study on the cycling performance of LiNi _{0.5} Mn _{1.5} O ₄ electrodes modified by reactive SiO ₂ nanoparticles. <i>Journal of Materials Chemistry A</i> , 2014, 2, 6863-6869.	10.3	41
11	Improved performance of dual-conducting polymer-coated sulfur composite with high sulfur utilization for lithium-sulfur batteries. <i>Journal of Alloys and Compounds</i> , 2018, 742, 868-876.	5.5	29
12	Cycling performance of lithium polymer cells assembled by in situ polymerization of a non-flammable ionic liquid monomer. <i>Electrochimica Acta</i> , 2013, 106, 460-464.	5.2	18
13	High-Performance Lithium-Ion Polymer Cells Assembled with Composite Polymer Electrolytes based on Core-Shell Structured SiO ₂ Particles Containing Poly(lithium acrylate) in the Shell. <i>Journal of the Electrochemical Society</i> , 2015, 162, A3071-A3076.	2.9	18
14	High performance composite polymer electrolytes for lithium-ion polymer cells composed of a graphite negative electrode and LiFePO ₄ positive electrode. <i>RSC Advances</i> , 2015, 5, 18359-18366.	3.6	13