

Lei Qiu

List of Publications by Year in descending order

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415
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel polymer Li-ion binder carboxymethyl cellulose derivative enhanced electrochemical performance for Li-ion batteries. Carbohydrate Polymers, 2014, 112, 532-538.	10.2	74
2	Enhanced electrochemical properties of LiFePO ₄ (LFP) cathode using the carboxymethyl cellulose lithium (CMC-Li) as novel binder in lithium-ion battery. Carbohydrate Polymers, 2014, 111, 588-591.	10.2	49
3	Carboxymethyl cellulose lithium (CMC-Li) as a novel binder and its electrochemical performance in lithium-ion batteries. Cellulose, 2014, 21, 2789-2796.	4.9	40
4	Study on effects of carboxymethyl cellulose lithium (CMC-Li) synthesis and electrospinning on high-rate lithium ion batteries. Cellulose, 2014, 21, 615-626.	4.9	39
5	Synthesis and electrospinning carboxymethyl cellulose lithium (CMC-Li) modified 9,10-anthraquinone (AQ) high-rate lithium-ion battery. Carbohydrate Polymers, 2014, 102, 986-992.	10.2	36
6	Electrospun carboxymethyl cellulose acetate butyrate (CMCAB) nanofiber for high rate lithium-ion battery. Carbohydrate Polymers, 2013, 96, 240-245.	10.2	24
7	Enhanced Cyclability of C/Lithium Iron Phosphate Cathodes with a Novel water-soluble lithium-ion binder. Electrochimica Acta, 2014, 145, 11-18.	5.2	24
8	Novel functional carboxymethyl cellulose lithium (CMC-Li) for enhanced performance of lithium-ion batteries. RSC Advances, 2014, 4, 24859-24862.	3.6	20
9	Study on novel functional materials carboxymethyl cellulose lithium (CMC-Li) improve high-performance lithium-ion battery. Carbohydrate Polymers, 2014, 110, 121-127.	10.2	17
10	Study on Synthesis, Rheological and Electrospinning Functional Materials of Carboxymethyl Cellulose Lithium (CMC-Li). Acta Chimica Sinica, 2013, 71, 1521.	1.4	12
11	LiNbO ₃ -coated Li _{1.2} Mn _{0.54} Ni _{0.13} Co _{0.13} O ₂ as a cathode material with enhanced electrochemical performances for lithium-ion batteries. Journal of Materials Science: Materials in Electronics, 2021, 32, 28223-28233.	2.2	6
12	Enhancing the electrochemical performances of LiNi _{0.8} Co _{0.15} Al _{0.05} O ₂ cathode material by anion/cation co-doping. Ionics, 2021, 27, 1491-1499.	2.4	4
13	High Performance Study of Lithium Carboxymethylcellulose as Water-Soluble Binder for Lithium Supplementation in Lithium Batteries. Starch/Staerke, 2022, 74, .	2.1	3