

Patrick Murmann

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

440
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

580
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorinated Electrolyte Compound as a Bi-Functional Interphase Additive for Both, Anodes and Cathodes in Lithium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2018, 165, A3525-A3530.	2.9	29
2	Influence of the Fluorination Degree of Organophosphates on Flammability and Electrochemical Performance in Lithium Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2018, 165, A1935-A1942.	2.9	15
3	Phosphorus additives for improving high voltage stability and safety of lithium ion batteries. <i>Journal of Fluorine Chemistry</i> , 2017, 198, 24-33.	1.7	54
4	Shutdown potential adjustment of modified carbene adducts as additives for lithium ion battery electrolytes. <i>Journal of Power Sources</i> , 2017, 367, 72-79.	7.8	14
5	Post-Mortem Investigations of Fluorinated Flame Retardants for Lithium Ion Battery Electrolytes by Gas Chromatography with Chemical Ionization. <i>Electrochimica Acta</i> , 2017, 246, 1042-1051.	5.2	18
6	Influence of lithium-cyclo-difluoromethane-1,1-bis(sulfonyl)imide as electrolyte additive on the reversibility of lithium metal batteries. <i>Journal of Applied Electrochemistry</i> , 2016, 46, 339-348.	2.9	3
7	Influence of the Fluorination Degree of Organophosphates on Flammability and Electrochemical Performance in Lithium Ion Batteries: Studies on Fluorinated Compounds Deriving from Triethyl Phosphate. <i>Journal of the Electrochemical Society</i> , 2016, 163, A751-A757.	2.9	49
8	Lithium-cyclo-difluoromethane-1,1-bis(sulfonyl)imide as a stabilizing electrolyte additive for improved high voltage applications in lithium-ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 9352-9358.	2.8	24
9	Electrochemical Performance and Thermal Stability Studies of Two Lithium Sulfonyl Methide Salts in Lithium-Ion Battery Electrolytes. <i>Journal of the Electrochemical Society</i> , 2015, 162, A1738-A1744.	2.9	13
10	Investigations on novel electrolytes, solvents and SEI additives for use in lithium-ion batteries: Systematic electrochemical characterization and detailed analysis by spectroscopic methods. <i>Progress in Solid State Chemistry</i> , 2014, 42, 65-84.	7.2	176
11	Investigations on the electrochemical performance and thermal stability of two new lithium electrolyte salts in comparison to LiPF ₆ . <i>Electrochimica Acta</i> , 2013, 114, 658-666.	5.2	30
12	Electrochemical and Thermal Investigations and Al Current Collector Dissolution Studies of Three Di-Lithium Salts in Comparison to LiPF ₆ Containing Electrolytes. <i>Journal of the Electrochemical Society</i> , 2013, 160, A535-A541.	2.9	15