

Jun Kawaji

List of Publications by Year in descending order

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1684188

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#	ARTICLE	IF	CITATIONS
1	Local Lithium-Ion Transport of a Ternary Sulfolane-Lithium Bis(trifluoromethanesulfonyl)amide-Carbonate Electrolyte: Experimental and First-Principles Molecular Dynamics Analysis toward Quasi-Solid-State Lithium-Ion Battery. <i>Journal of the Electrochemical Society</i> , 2022, 169, 020534.	2.9	3
2	Heat and Mass Balance Analysis of 130-W Active-type Direct-methanol Fuel Cell. <i>Electrochemistry</i> , 2022, 90, 017007-017007.	1.4	0
3	Research and Development of Thermally Durable Electrolyte for Lithium Ion Battery. <i>Electrochemistry</i> , 2021, 89, 507-517.	1.4	4
4	Thickness Dependence of Resistance Components of a $\text{LiNi}_x\text{Co}_y\text{Mn}_{1-x-y}\text{O}_2$ -Based Positive Electrode for Lithium Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2021, 168, 040503.	2.9	0
5	Analysis of Solid-Electrolyte Interphase at the Interface between a Graphite Negative Electrode and a Diluted Solvate Ionic Liquid-Based Quasi-Solid-State Electrolyte. <i>Journal of the Electrochemical Society</i> , 2020, 167, 140525.	2.9	5
6	High Energy Density $\text{LiNi}_{0.8}\text{Co}_{0.1}\text{Mn}_{0.1}\text{O}_2$ -Based Lithium-ion Battery Using Solvate Ionic Liquid-based Quasi-solid-state Electrolyte. <i>Electrochemistry</i> , 2020, 88, 321-324.	1.4	5
7	Highly Safe 100-Wh-class Lithium-ion Battery Using Lithium Bis(trifluoromethanesulfonyl)amide-Tetraethylene Glycol Dimethyl Ether Equimolar Complex-based Quasi-solid-state Electrolyte. <i>Electrochemistry</i> , 2019, 87, 100-106.	1.4	10
8	Development of complex hydride-based all-solid-state lithium ion battery applying low melting point electrolyte. <i>Journal of Power Sources</i> , 2017, 359, 97-103.	7.8	11
9	Complex hydride for composite negative electrode applicable to bulk-type all-solid-state Li-ion battery with wide temperature operation. <i>Solid State Ionics</i> , 2016, 285, 96-100.	2.7	19