

Toshikatsu Kojima

List of Publications by Year in descending order

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589
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567281

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677142

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all docs

23
docs citations

23
times ranked

868
citing authors

#	ARTICLE	IF	CITATIONS
1	Indigo carmine: An organic crystal as a positive-electrode material for rechargeable sodium batteries. Scientific Reports, 2014, 4, 3650.	3.3	109
2	Density, Surface Tension, and Electrical Conductivity of Ternary Molten Carbonate System $\text{Li}_2\text{CO}_3\text{-Na}_2\text{CO}_3\text{-K}_2\text{CO}_3$ and Methods for Their Estimation. Journal of the Electrochemical Society, 2008, 155, F150.	2.9	79
3	Long-term operation of small-sized single molten carbonate fuel cells. Journal of Power Sources, 1998, 72, 77-82.	7.8	50
4	Synthesis Method of the Li-Ion Battery Cathode Material $\text{Li}_2\text{FeSiO}_4$ Using a Molten Carbonate Flux. Journal of the Electrochemical Society, 2011, 158, A1340.	2.9	34
5	Improving the oxygen redox stability of NaCl-type cation disordered Li_2MnO_3 in a composite structure of Li_2MnO_3 and spinel-type LiMn_2O_4 . Journal of Materials Chemistry A, 2019, 7, 5381-5390.	10.3	33
6	Cell performance of molten-carbonate fuel cell with alkali and alkaline-earth carbonate mixtures. Journal of Power Sources, 1992, 39, 285-297.	7.8	32
7	Synthesis of Various LaMO_3 Perovskites in Molten Carbonates. Journal of the American Ceramic Society, 2006, 89, 3610-3616.	3.8	28
8	Characterization of Heat Treated SiO_2 Powder and Development of a $\text{LiFePO}_4/\text{SiO}_2$ Lithium Ion Battery with High-Rate Capability and Thermostability. Electrochemistry, 2012, 80, 401-404.	1.4	28
9	Optimization of the electrolyte composition in a $(\text{Li}_{0.52}\text{Na}_{0.48})_2\text{AExCO}_3$ (AE = Ca and Ba) molten carbonate fuel cell. Journal of Power Sources, 2004, 131, 256-260.	7.8	25
10	Density, Molar Volume, and Surface Tension of Molten $\text{Li}_2\text{CO}_3\text{-Na}_2\text{CO}_3$ and $\text{Li}_2\text{CO}_3\text{-K}_2\text{CO}_3$ Containing Alkaline Earth (Ca, Sr, and Ba) Carbonates. Journal of the Electrochemical Society, 2003, 150, E535.	2.9	23
11	Physical Properties of Molten $\text{Li}_2\text{CO}_3\text{-Na}_2\text{CO}_3$ (52:48) Additives. Journal of the Electrochemical Society, 2013, 160, H733-H741.	2.9	23
12	Synthesis of $\text{Li}_2\text{MnSiO}_4$ Cathode Material Using Molten Carbonate Flux Method with High Capacity and Initial Efficiency. Journal of the Electrochemical Society, 2012, 159, A532-A537.	2.9	21
13	Structural Analysis during Charge-Discharge Process of $\text{Li}_2\text{FeSiO}_4$ Synthesized by Molten Carbonate Flux Method. Journal of the Electrochemical Society, 2012, 159, A525-A531.	2.9	19
14	Electrochemical Property of Li-Mn Cation Disordered Li-Rich Li_2MnO_3 with NaCl Type Structure. Journal of the Electrochemical Society, 2018, 165, A291-A296.	2.9	18
15	Chemical and structural changes of $70\text{Li}_2\text{S-30P}_2\text{S}_5$ solid electrolyte during heat treatment. Solid State Ionics, 2017, 310, 50-55.	2.7	15
16	Crystal Structure and Electrochemical Performance of a New Lithium Trivalent Iron Silicate. Journal of the Electrochemical Society, 2012, 159, A725-A729.	2.9	12
17	In-situ Measurement of Electrode Thickness Change during Charge and Discharge of a Large Capacity SiO_2 Anode. Electrochemistry, 2012, 80, 405-408.	1.4	11
18	Synthesis of 3,4-disubstituted 3,4-dihydro-2-pyrones via 2-(silyloxy)pyrylium salts: regioselective introduction of substituents into 2-pyrones. Journal of Organic Chemistry, 1989, 54, 1931-1935.	3.2	10

#	ARTICLE	IF	CITATIONS
19	High Capacity Sulfurized Alcohol Composite Positive Electrode Materials Applicable for Lithium Sulfur Batteries. Journal of the Electrochemical Society, 2017, 164, A6288-A6293.	2.9	8
20	Cell performance of molten carbonate fuel cell with alkali carbonate eutectic mixtures. International Journal of Hydrogen Energy, 1992, 17, 821-824.	7.1	4
21	Development of Organosulfur Cathodes Using Nanofiber Nonwoven Precursor and Their Electrode Performance for the Rechargeable Lithium Battery. Journal of Fiber Science and Technology, 2012, 68, 179-183.	0.0	4
22	Proton Conduction Properties of Sulfonicacid Type Polymer Gel Electrolytes. Journal of Physical Chemistry C, 2009, 113, 3021-3028.	3.1	3
23	Solubility of LiCoO_2 in molten carbonates. , 1997, , .		0