Toshikatsu Kojima

List of Publications by Year
in descending order

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23	589	567281 15	677142 22
papers	citations	h-index	g-index

23	23	23	868
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improving the oxygen redox stability of NaCl-type cation disordered Li₂MnO₃ in a composite structure of Li₂MnO₃ and spinel-type LiMn₂O₄. Journal of Materials Chemistry A, 2019, 7, 5381-5390.	10.3	33
2	Electrochemical Property of Li-Mn Cation Disordered Li-Rich Li₂MnO₃with NaCl Type Structure. Journal of the Electrochemical Society, 2018, 165, A291-A296.	2.9	18
3	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
4	Chemical and structural changes of 70Li2S-30P2S5 solid electrolyte during heat treatment. Solid State Ionics, 2017, 310, 50-55.	2.7	15
5	Indigo carmine: An organic crystal as a positive-electrode material for rechargeable sodium batteries. Scientific Reports, 2014, 4, 3650.	3.3	109
6	Physical Properties of Molten Li₂CO₃-Na₂CO₃(52:48) Tj ETQq0 0 0 rgBT /Overlock Additives. Journal of the Electrochemical Society, 2013, 160, H733-H741.	2.9	23
7	Crystal Structure and Electrochemical Performance of a New Lithium Trivalent Iron Silicate. Journal of the Electrochemical Society, 2012, 159, A725-A729.	2.9	12
8	Characterization of Heat Treated SiO Powder and Development of a LiFePO4/SiO Lithium Ion Battery with High-Rate Capability and Thermostability. Electrochemistry, 2012, 80, 401-404.	1.4	28
9	In-situ Measurement of Electrode Thickness Change during Charge and Discharge of a Large Capacity SiO Anode. Electrochemistry, 2012, 80, 405-408.	1.4	11
10	Synthesis of Li2MnSiO4Cathode Material Using Molten Carbonate Flux Method with High Capacity and Initial Efficiency. Journal of the Electrochemical Society, 2012, 159, A532-A537.	2.9	21
11	Structural Analysis during Charge-Discharge Process of Li₂FeSiO₄Synthesized by Molten Carbonate Flux Method. Journal of the Electrochemical Society, 2012, 159, A525-A531.	2.9	19
12	Development of Olganosulfur 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
13	Synthesis Method of the Li-Ion Battery Cathode Material Li2FeSiO4 Using a Molten Carbonate Flux. Journal of the Electrochemical Society, 2011, 158, A1340.	2.9	34
14	Proton Conduction Properties of Sulfonicacid Type Polymer Gel Electrolytes. Journal of Physical Chemistry C, 2009, 113, 3021-3028.	3.1	3
15	Density, Surface Tension, and Electrical Conductivity of Ternary Molten Carbonate System Li[sub 2]CO[sub 3]â€“Na[sub 2]CO[sub 3]â€“K[sub 2]CO[sub 3] and Methods for Their Estimation. Journal of the Electrochemical Society, 2008, 155, F150.	2.9	79
16	Synthesis of Various LaMO3Perovskites in Molten Carbonates. Journal of the American Ceramic Society, 2006, 89, 3610-3616.	3.8	28
17	Optimization of the electrolyte composition in a (Li0.52Na0.48)2â^'2xAExCO3 (AE = Ca and Ba) molten carbonate fuel cell. Journal of Power Sources, 2004, 131, 256-260.	7.8	25
18	Density, Molar Volume, and Surface Tension of Molten Li[sub 2]CO[sub 3]-Na[sub 2]CO[sub 3] and Li[sub 2]CO[sub 3]-K[sub 2]CO[sub 3] Containing Alkaline Earth (Ca, Sr, and Ba) Carbonates. Journal of the Electrochemical Society, 2003, 150, E535.	2.9	23

#	Article	IF	Citations
19	Long-term operation of small-sized single molten carbonate fuel cells. Journal of Power Sources, 1998, 72, 77-82.	7.8	50
20	Solubility of LiCoO/sub 2/ in molten carbonates. , 1997, , .		0
21	Cell performance of molten carbonate fuel cell with alkali carbonate eutectic mixtures. International Journal of Hydrogen Energy, 1992, 17, 821-824.	7.1	4
22	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
23	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