

# Hironori Kobayashi

## List of Publications by Year in descending order

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94433

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docs citations

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times ranked

3731  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural characterization of the orthorhombic perovskites: [ARuO <sub>3</sub> (A = Ca, Sr, La, Pr)]. Materials Research Bulletin, 1994, 29, 1271-1280.	5.2	154
2	All-Solid-State Battery Electrode Sheets Prepared by a Slurry Coating Process. Journal of the Electrochemical Society, 2017, 164, A2474-A2478.	2.9	125
3	Structure and Electrochemical Properties of LiFe <sub>x</sub> Mn <sub>2-2x</sub> O <sub>4</sub> (0 ≤ x ≤ 0.5) Spinel as 5 V Electrode Material for Lithium Batteries. Journal of the Electrochemical Society, 2001, 148, A730.	2.9	116
4	Electrode morphology in all-solid-state lithium secondary batteries consisting of LiNi <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> and Li <sub>2</sub> S-P <sub>2</sub> S <sub>5</sub> solid electrolytes. Solid State Ionics, 2016, 285, 112-117.	2.7	114
5	Changes in the structure and physical properties of the solid solution LiNi <sub>1-x</sub> MnxO <sub>2</sub> with variation in its composition. Journal of Materials Chemistry, 2003, 13, 590-595.	6.7	102
6	Preparation of LiFeO <sub>2</sub> with Alpha-NaFeO <sub>2</sub> -Type Structure Using a Mixed-Alkaline Hydrothermal Method. Journal of the Electrochemical Society, 1997, 144, L177-L180.	2.9	101
7	Synthesis, Cation Distribution, and Electrochemical Properties of Fe-Substituted Li <sub>2</sub> MnO <sub>3</sub> as a Novel 4 V Positive Electrode Material. Journal of the Electrochemical Society, 2002, 149, A509.	2.9	92
8	Structure and lithium deintercalation of Li <sub>2-x</sub> RuO <sub>3</sub> . Solid State Ionics, 1995, 82, 25-31.	2.7	91
9	Magnetic Properties of Metastable Lithium Iron Oxides Obtained by Solvothermal/Hydrothermal Reaction. Journal of Solid State Chemistry, 1998, 141, 554-561.	2.9	90
10	Amorphous Metal Polysulfides: Electrode Materials with Unique Insertion/Extraction Reactions. Journal of the American Chemical Society, 2017, 139, 8796-8799.	13.7	84
11	High-Pressure Synthesis, Crystal Structure, and Metal-Semiconductor Transitions in the Ti <sub>2</sub> Ru <sub>2</sub> O <sub>7</sub> Pyrochlore. Journal of Solid State Chemistry, 1998, 140, 182-193.	2.9	79
12	Electrochemical Properties of Hydrothermally Obtained LiCo <sub>1-x</sub> Fe <sub>x</sub> O <sub>2</sub> as a Positive Electrode Material for Rechargeable Lithium Batteries. Journal of the Electrochemical Society, 2000, 147, 960.	2.9	77
13	Preparation of LiCoO <sub>2</sub> and LiCo <sub>1-x</sub> FexO <sub>2</sub> using hydrothermal reactions. Journal of Materials Chemistry, 1999, 9, 199-204.	6.7	75
14	Fine Li <sub>4-x</sub> /3Ti <sub>2-2x</sub> /3FexO <sub>2</sub> (0.18 ≤ x ≤ 0.67) powder with cubic rock-salt structure as a positive electrode material for rechargeable lithium batteries. Journal of Materials Chemistry, 2003, 13, 1747.	6.7	74
15	Rock-salt-type lithium metal sulphides as novel positive-electrode materials. Scientific Reports, 2014, 4, 4883.	3.3	74
16	Investigation of positive electrodes after cycle testing of high-power Li-ion battery cells. Journal of Power Sources, 2007, 174, 380-386.	7.8	73
17	Structure, and magnetic and electrochemical properties of layered oxides, Li <sub>2</sub> IrO <sub>3</sub> . Journal of Materials Chemistry, 2003, 13, 957-962.	6.7	72
18	Investigation of positive electrodes after cycle testing of high-power Li-ion battery cells II. Journal of Power Sources, 2007, 174, 795-799.	7.8	65

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19	Synthesis, structure, and phase relationship in lithium manganese oxide spinelElectronic supplementary information (ESI) available: neutron and X-ray Rietveld refinement results of LiMn <sub>2</sub> O <sub>4</sub> . See <a href="http://www.rsc.org/suppdata/jm/b3/b314810f/">http://www.rsc.org/suppdata/jm/b3/b314810f/</a> . Journal of Materials Chemistry, 2004, 14, 1948.	6.7	64
20	Li de-intercalation mechanism in LiNiMnO cathode material for Li-ion batteries. Solid State Ionics, 2005, 176, 895-903.	2.7	62
21	Synthesis, Crystal Structure, and Electrical Properties of the Pyrochlores Pb <sub>2-x</sub> Ln <sub>x</sub> Ru <sub>2</sub> O <sub>7-y</sub> (Ln = Nd, Y, Er, Tm, Yb, Lu). Journal of Solid State Chemistry, 2001, 152, 1-10.	2.9	61
22	Structural Change of Li <sub>1-x</sub> Ni <sub>0.5</sub> Mn <sub>0.5</sub> O <sub>2</sub> Cathode Materials for Lithium-ion Batteries by Synchrotron Radiation. Chemistry Letters, 2003, 32, 60-61.	1.3	61
23	Investigation on lithium de-intercalation mechanism for Li <sub>1-y</sub> Ni <sub>1/3</sub> Mn <sub>1/3</sub> Co <sub>1/3</sub> O <sub>2</sub> . Journal of Power Sources, 2005, 146, 640-644.	7.8	61
24	Amorphous TiS <sub>4</sub> positive electrode for lithium-sulfur secondary batteries. Electrochemistry Communications, 2013, 31, 71-75.	4.7	61
25	Preparation of lithium manganese oxides containing iron. Journal of Power Sources, 2001, 97-98, 415-419.	7.8	53
26	All-solid-state lithium-ion battery using Li <sub>2</sub> CO <sub>3</sub> electrolyte. Solid State Ionics, 2016, 288, 248-252.	2.7	49
27	Physicochemical characterization of CuFeO <sub>2</sub> and lithium intercalation. Solid State Ionics, 2000, 128, 33-41.	2.7	46
28	Lithium Extraction and Insertion Behavior of Nanocrystalline Li <sub>2</sub> TiO <sub>3</sub> -LiFeO <sub>2</sub> Solid Solution with Cubic Rock Salt Structure. Journal of the Electrochemical Society, 2003, 150, A638.	2.9	46
29	Bulk and surface structure investigation for the positive electrodes of degraded lithium-ion cell after storage test using X-ray absorption near-edge structure measurement. Journal of Power Sources, 2009, 189, 676-680.	7.8	46
30	Improvement of Cycle Capability of FeS <sub>2</sub> Positive Electrode by Forming Composites with Li <sub>2</sub> S for Ambient Temperature Lithium Batteries. Journal of the Electrochemical Society, 2011, 159, A75-A84.	2.9	46
31	Amorphous Niobium Sulfides as Novel Positive-Electrode Materials. ECS Electrochemistry Letters, 2014, 3, A79-A81.	1.9	46
32	Heat generation behavior during charging and discharging of lithium-ion batteries after long-time storage. Journal of Power Sources, 2013, 244, 294-299.	7.8	45
33	Structural and electrochemical properties of Li <sub>x</sub> (Fe, Co) <sub>1-x</sub> Mn <sub>2</sub> O <sub>4</sub> solid solution as 5 V positive electrode materials for Li secondary batteries. Journal of Materials Chemistry, 2002, 12, 1882-1891.	6.7	43
34	LISICON-Based Amorphous Oxide for Bulk-Type All-Solid-State Lithium-Ion Battery. ACS Applied Energy Materials, 2020, 3, 3220-3229.	5.1	43
35	Phase Transition Mechanisms in Li <sub>x</sub> Co <sub>2</sub> (0.25 ≤ x ≤ 1) Based on Group-Subgroup Transformations. Chemistry of Materials, 2013, 25, 3687-3701.	6.7	41
36	Application of graphite-sulfide solid electrolyte composite anode in all-solid-state lithium secondary battery with Li <sub>2</sub> S positive electrode. Solid State Ionics, 2014, 262, 138-142.	2.7	40

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37	Structural determination of $\text{Li}_{1-y}\text{Ni}_{0.5}\text{Mn}_{0.5}\text{O}_2$ ( $y = 0.5$ ) using a combination of Rietveld analysis and the maximum entropy method. <i>Journal of Materials Chemistry</i> , 2004, 14, 40-42.	6.7	39
38	The effects of preparation condition and dopant on the electrochemical property for Fe-substituted $\text{Li}_2\text{MnO}_3$ . <i>Journal of Power Sources</i> , 2005, 146, 287-293.	7.8	38
39	Correlation of lithium ion distribution and X-ray absorption near-edge structure in $\text{O}_3$ - and $\text{O}_2$ -lithium cobalt oxides from first-principle calculation. <i>Journal of Materials Chemistry</i> , 2012, 22, 17340.	6.7	38
40	Effect of bulk and surface structural changes in $\text{Li}_{0.5}\text{FeO}_{0.4}$ positive electrodes during first charging on subsequent lithium-ion battery performance. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11847-11856.	10.3	37
41	X-ray absorption near-edge structure study on positive electrodes of degraded lithium-ion battery. <i>Journal of Power Sources</i> , 2011, 196, 6881-6883.	7.8	34
42	Analysis of hard carbon for lithium-ion batteries by hard X-ray photoelectron spectroscopy. <i>Journal of Power Sources</i> , 2013, 242, 844-847.	7.8	34
43	Electrochemical and magnetic properties of lithium manganese oxide spinels prepared by oxidation at low temperature of hydrothermally obtained $\text{LiMnO}_2$ . <i>Solid State Ionics</i> , 1996, 89, 53-63.	2.7	33
44	Investigation of inorganic compounds on the surface of cathode materials using Li and O K-edge XANES. <i>Journal of Power Sources</i> , 2007, 174, 774-778.	7.8	32
45	Study of the Capacity Fading Mechanism for Fe-Substituted $\text{LiCoO}_2$ Positive Electrode. <i>Journal of the Electrochemical Society</i> , 2004, 151, A672.	2.9	31
46	XRD and XAFS study on structure and cation valence state of layered ruthenium oxide electrodes, $\text{Li}_2\text{RuO}_3$ and $\text{Li}_2\text{Mn}_{0.4}\text{Ru}_{0.6}\text{O}_3$ , upon electrochemical cycling. <i>Solid State Ionics</i> , 2016, 285, 66-74.	2.7	30
47	Controlling of Dispersion State of Particles in Slurry and Electrochemical Properties of Electrodes. <i>Journal of the Electrochemical Society</i> , 2019, 166, A501-A506.	2.9	30
48	Physical properties of the de-lithiated $\text{Li}_{2-x}\text{RuO}_3$ with the layered structure. <i>Solid State Ionics</i> , 1996, 86-88, 859-863.	2.7	28
49	Structure and charge/discharge characteristics of new layered oxides: $\text{Li}_{1.8}\text{Ru}_{0.6}\text{Fe}_{0.6}\text{O}_3$ and $\text{Li}_2\text{IrO}_3$ . <i>Journal of Power Sources</i> , 1997, 68, 686-691.	7.8	28
50	State of charge (SOC) dependence of lithium carbonate on $\text{LiNi}_{0.8}\text{Co}_{0.15}\text{Al}_{0.05}\text{O}_2$ electrode for lithium-ion batteries. <i>Journal of Power Sources</i> , 2011, 196, 6889-6892.	7.8	26
51	Synthesis and Characterization of the Crystal and Magnetic Structures and Properties of the Hydroxyfluorides $\text{Fe}(\text{OH})\text{F}$ and $\text{Co}(\text{OH})\text{F}$ . <i>Inorganic Chemistry</i> , 2014, 53, 365-374.	4.0	25
52	Preparation of $\text{Li}_2\text{S-FeS}_x$ Composite Positive Electrode Materials and Their Electrochemical Properties with Pre-Cycling Treatments. <i>Journal of the Electrochemical Society</i> , 2015, 162, A1745-A1750.	2.9	25
53	Depth profiling of graphite electrode in lithium ion battery using glow discharge optical emission spectroscopy with small quantities of hydrogen or oxygen addition to argon. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 95-104.	3.0	24
54	Synthesis and electrochemical properties of lithium molybdenum oxides. <i>Journal of Power Sources</i> , 1999, 81-82, 524-529.	7.8	23

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55	Contribution of oxygen partial density of state on lithium intercalation/de-intercalation process in $\text{Li}_x\text{Ni}_{0.5}\text{Mn}_{1.5}\text{O}_4$ spinel oxides. <i>Journal of Power Sources</i> , 2013, 244, 544-547.	7.8	23
56	Rapid Preparation of $\text{Li}_2\text{S}$ - $\text{P}_2\text{S}_5$ Solid Electrolyte and Its Application for Graphite/ $\text{Li}_2\text{S}$ All-Solid-State Lithium Secondary Battery. <i>ECS Electrochemistry Letters</i> , 2014, 3, A31-A35.	1.9	23
57	Fabrication and charge-discharge reaction of all solid-state lithium battery using $\text{Li}_4\text{-2Ge}_1\text{-S O}_4$ electrolyte. <i>Solid State Ionics</i> , 2018, 326, 52-57.	2.7	23
58	Quantification of lithium in LIB electrodes with glow discharge optical emission spectroscopy (GD-OES). <i>Journal of Power Sources</i> , 2013, 244, 252-258.	7.8	22
59	High Reversibility of $\text{Li}^+$ -Electrode Materials in All-Solid-State Batteries. <i>Frontiers in Energy Research</i> , 2016, 4, .	2.3	22
60	A Reversible Rocksalt to Amorphous Phase Transition Involving Anion Redox. <i>Scientific Reports</i> , 2018, 8, 15086.	3.3	21
61	Structural characterization of an amorphous $\text{VS}_4$ and its lithiation/delithiation behavior studied by solid-state NMR spectroscopy. <i>RSC Advances</i> , 2019, 9, 23979-23985.	3.6	21
62	Composite positive electrode based on amorphous titanium polysulfide for application in all-solid-state lithium secondary batteries. <i>Solid State Ionics</i> , 2014, 262, 143-146.	2.7	20
63	The effects of $\text{Al}_2\text{O}_3$ coating on the performance of layered $\text{Li}_{1.20}\text{Mn}_{0.55}\text{Ni}_{0.16}\text{Co}_{0.09}\text{O}_2$ materials for lithium-ion rechargeable battery. <i>Solid State Ionics</i> , 2014, 262, 43-48.	2.7	19
64	Analysis of the discharge/charge mechanism in $\text{VS}_4$ positive electrode material. <i>Solid State Ionics</i> , 2018, 323, 32-36.	2.7	19
65	Further findings of X-ray absorption near-edge structure in lithium manganese spinel oxide using first-principles calculations. <i>Journal of Materials Chemistry A</i> , 2014, 2, 8017-8025.	10.3	18
66	Single crystal X-ray structure study of the $\text{Li}_2\text{-xNa}_x\text{Ni}[\text{PO}_4]\text{F}$ system. <i>Dalton Transactions</i> , 2012, 41, 5838.	3.3	17
67	Enhancement of lithium-ion conductivity for $\text{Li}_{2.2}\text{C}_{0.8}\text{B}_{0.2}\text{O}_3$ by spark plasma sintering. <i>Journal of the Ceramic Society of Japan</i> , 2017, 125, 276-280.	1.1	17
68	Application of $\text{LiCoPO}_4$ Positive Electrode Material in All-Solid-State Lithium-Ion Battery. <i>Electrochemistry</i> , 2014, 82, 906-908.	1.4	16
69	Synthesis and characterization of the crystal structure, the magnetic and the electrochemical properties of the new fluorophosphate $\text{LiNaFe}[\text{PO}_4]\text{F}$ . <i>Dalton Transactions</i> , 2012, 41, 11692.	3.3	15
70	Synthesis and Characterization of the Crystal Structure and Magnetic Properties of the New Fluorophosphate $\text{LiNaCo}[\text{PO}_4]\text{F}$ . <i>Inorganic Chemistry</i> , 2012, 51, 8729-8738.	4.0	15
71	Analysis of Solid Electrolyte Interphase in Mn-Based Cathode/Graphite Li-Ion Battery with Glow Discharge Optical Emission Spectroscopy. <i>Journal of the Electrochemical Society</i> , 2014, 161, A1716-A1722.	2.9	15
72	Structural Changes in $\text{Li}_2\text{CoPO}_4\text{F}$ during Lithium-Ion Battery Reactions. <i>Chemistry of Materials</i> , 2015, 27, 2839-2847.	6.7	15

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73	All-Solid-State Batteries with LiCoO <sub>2</sub> -Type Electrodes: Realization of an Impurity-Free Interface by Utilizing a Cosinterable Li <sub>3.5</sub> Ge <sub>0.5</sub> V <sub>0.5</sub> O <sub>4</sub> Electrolyte. ACS Applied Energy Materials, 2021, 4, 30-34.	5.1	15
74	A systematic study on structure, ionic conductivity, and air-stability of xLi <sub>4</sub> SnS <sub>4</sub> ·(1-x)Li <sub>3</sub> PS <sub>4</sub> solid electrolytes. Ceramics International, 2021, 47, 28377-28383.	4.8	14
75	Elucidation of Capacity Degradation for Graphite in Sulfide-Based All-Solid-State Lithium Batteries: A Void Formation Mechanism. ACS Applied Energy Materials, 2020, 3, 5472-5478.	5.1	13
76	Structure and physical property changes of de-lithiated spinels for Li <sub>1.02</sub> xMn <sub>1.98</sub> O <sub>4</sub> after high-temperature storage. Solid State Ionics, 2003, 156, 309-318.	2.7	12
77	Study on Li de-intercalation/intercalation mechanism for a high capacity layered Li <sub>1.20</sub> Ni <sub>0.17</sub> Co <sub>0.10</sub> Mn <sub>0.53</sub> O <sub>2</sub> material. Solid State Ionics, 2012, 225, 580-584.	2.7	12
78	Preparation of Novel Electrode Materials Based on Lithium Niobium Sulfides. Electrochemistry, 2014, 82, 880-883.	1.4	12
79	Preparation of Li <sub>2</sub> S-FePS <sub>3</sub> composite positive electrode materials and their electrochemical properties. Solid State Ionics, 2016, 288, 199-203.	2.7	12
80	New fluorophosphate Li <sub>2</sub> xNa <sub>x</sub> Fe[PO <sub>4</sub> ]F as cathode material for lithium ion battery. Journal of Power Sources, 2013, 244, 87-93.	7.8	11
81	Development of Li <sub>2</sub> TiS <sub>3</sub> –Li <sub>3</sub> NbS <sub>4</sub> by a mechanochemical process. Journal of the Ceramic Society of Japan, 2017, 125, 268-271.	1.1	11
82	Cubic Rocksalt Li <sub>2</sub> SnS <sub>3</sub> and a Solid Solution with Li <sub>3</sub> NbS <sub>4</sub> Prepared by Mechanochemical Synthesis. Electrochemistry, 2017, 85, 580-584.	1.4	11
83	Structure analyses of Fe-substituted Li <sub>2</sub> S-based positive electrode materials for Li-S batteries. Solid State Ionics, 2018, 320, 387-391.	2.7	11
84	Structure, Physical Properties, and Charge-Discharge Characteristics of Fe-doped Li <sub>2</sub> IrO <sub>3</sub> . Journal of the Electrochemical Society, 2003, 150, A1408.	2.9	10
85	Minimizing the Grain Boundary Resistance of Li-Ion-Conducting Oxide Electrolyte by Controlling Liquid-Phase Formation During Sintering. ACS Applied Energy Materials, 2018, 1, 6303-6311.	5.1	10
86	XAFS study of LiCo <sub>1-x</sub> Fe <sub>x</sub> O <sub>2</sub> cathode for rechargeable lithium battery by laboratory XAFS spectrometer. Journal of Synchrotron Radiation, 2001, 8, 863-865.	2.4	9
87	Synthesis and characterization of the crystal structure and magnetic properties of the hydroxyfluoride MnF <sub>2</sub> x(OH) <sub>x</sub> (x ≈ 0.8). Physical Chemistry Chemical Physics, 2013, 15, 13061.	2.8	9
88	X-ray absorption near-edge structures of LiMn <sub>2</sub> O <sub>4</sub> and LiNi <sub>0.5</sub> Mn <sub>1.5</sub> O <sub>4</sub> spinel oxides for lithium-ion batteries: the first-principles calculation study. Physical Chemistry Chemical Physics, 2016, 18, 17827-17830.	2.8	9
89	Structural relationships among LiNaMg[PO <sub>4</sub> ]F and Na <sub>2</sub> M[PO <sub>4</sub> ]F (M = Mn, Ni, and Mg), and the magnetic structure of LiNaNi[PO <sub>4</sub> ]F. Dalton Transactions, 2014, 43, 2044-2051.	3.3	8
90	Structural, magnetic, and electrochemical properties of the high pressure form of Na <sub>2</sub> Co[PO <sub>4</sub> ]F. Dalton Transactions, 2014, 43, 13630-13636.	3.3	8

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91	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
92	Improvement of Cycle Capability of Fe-Substituted $\text{Li}_2\text{S}$ -Based Positive Electrode Materials by Doping with Lithium Iodide. Journal of the Electrochemical Society, 2019, 166, A5231-A5236.	2.9	8
93	Changes in the structure and physical properties of $\text{Li}_y\text{Ni}_{0.5}\text{Mn}_{0.4}\text{Ti}_{0.1}\text{O}_2$ ( $y=0$ and $0.5$ ). Solid State Ionics, 2004, 175, 221-224.	2.7	7
94	Investigation on lithium de-intercalation mechanism for $\text{LiNi}_{0.45}\text{Mn}_{0.45}\text{Al}_{0.1}\text{O}_2$ . Solid State Ionics, 2007, 178, 1101-1105.	2.7	7
95	Crystal structures of the new fluorophosphates $\text{Li}_9\text{Mg}_3[\text{PO}_4]_4\text{F}_3$ and $\text{Li}_2\text{Mg}[\text{PO}_4]\text{F}$ and ionic conductivities of selected compositions. Journal of Materials Chemistry A, 2014, 2, 5858.	10.3	7
96	Relationship between Cyclic Properties and Charge-discharge Condition for $\text{Li}_{2.2}\text{Mn}_{0.4}\text{Ru}_{0.6}\text{O}_3$ and $\text{Li}_{2.2}\text{RuO}_3$ . Electrochemistry, 2015, 83, 1071-1076.	1.4	7
97	Electrochemical property of tin oxide thin film by photo-CVD process. Journal of Power Sources, 2001, 97-98, 229-231.	7.8	6
98	Mechanochemical synthesis of air-stable hexagonal $\text{Li}_4\text{Sn}_4$ -based solid electrolytes containing $\text{LiI}$ and $\text{Li}_3\text{PS}_4$ . RSC Advances, 2021, 11, 38880-38888.	3.6	6
99	Synthesis, crystal structure and electrochemical properties of the manganese-doped $\text{LiNaFe}[\text{PO}_4]\text{F}$ materials. Materials Chemistry and Physics, 2013, 141, 52-57.	4.0	5
100	Single crystal growth of the novel $\text{Mn}_2(\text{OH})_2\text{SO}_3$ , $\text{Mn}_2\text{F}(\text{OH})\text{SO}_3$ , and $\text{Mn}_5(\text{OH})_4(\text{H}_2\text{O})_2[\text{SO}_3]_2[\text{SO}_4]$ compounds using a hydrothermal method. Dalton Transactions, 2013, 42, 7158.	3.3	5
101	Structural and dynamic behavior of lithium iron polysulfide $\text{Li}_8\text{FeS}_5$ during charge/discharge cycling. Journal of Power Sources, 2018, 398, 67-74.	7.8	4
102	All-Solid-State Lithium-Sulfur Batteries Using Sulfurized Alcohol Composite Material with Improved Coulomb Efficiency. Energy Technology, 2019, 7, 1900509.	3.8	4
103	Degradation mechanisms of lithium sulfide ( $\text{Li}_2\text{S}$ ) composite cathode in carbonate electrolyte and improvement by increasing electrolyte concentration. Sustainable Energy and Fuels, 2021, 5, 1714-1726.	4.9	4
104	Zr- and Ce-doped $\text{Li}_6\text{Y}(\text{BO}_3)_3$ electrolyte for all-solid-state lithium-ion battery. RSC Advances, 2021, 11, 16530-16536.	3.6	4
105	Changes in the structure and magnetic properties of $\text{Li}_{1.08}\text{Mn}_{1.92}\text{O}_4$ after charge/discharge cycles with a 18650-type cylindrical battery. Solid State Ionics, 2004, 175, 229-232.	2.7	3
106	Preparation of $\text{Li}_2\text{S}$ - $\text{FeS}_2$ Composite Electrode Materials and their Electrochemical Properties. Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2013, 60, 13-18.	0.2	3
107	Ion Distributions and the Electrochemical Properties of $\text{LiNi}_{0.5}\text{Mn}_{0.5}\text{O}_2$ Prepared by Ion-Exchange for Positive Electrode. Electrochemistry, 2012, 80, 829-833.	1.4	2
108	Performance of Sn-based Negative Electrode Films Prepared by Electrostatic Spray Deposition in Lithium Batteries. Electrochemistry, 2012, 80, 821-824.	1.4	1

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109	Structure, Physical Properties, and Charge-Discharge Characteristics of Fe-Doped Li <sub>2</sub> IrO <sub>3</sub> . ChemInform, 2004, 35, no.	0.0	0
110	Observation of Valence State Change in Layered Li <sup>y</sup> Ni <sub>1/3</sub> Mn <sub>1/3</sub> Co <sub>1/3</sub> O <sub>2</sub> . AIP Conference Proceedings, 2007, , .	0.4	0
111	The new disordered triplite polymorph of Co <sub>2</sub> [PO <sub>4</sub> ] <sub>4</sub> F. Zeitschrift Fur Kristallographie - Crystalline Materials, 2014, 229, 775-781.	0.8	0
112	Investigation on Electrochemical Property of AB/Al <sub>2</sub> O <sub>3</sub> - coated Li-excess Mn-based Layered Oxides. Journal of Physics: Conference Series, 2016, 712, 012129.	0.4	0