

Hironori Kobayashi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	All-Solid-State Batteries with LiCoO ₂ -Type Electrodes: Realization of an Impurity-Free Interface by Utilizing a Cosinterable Li _{3.5} Ge _{0.5} V _{0.5} O ₄ Electrolyte. ACS Applied Energy Materials, 2021, 4, 30-34.	5.1	15
2	Degradation mechanisms of lithium sulfide (Li ₂ S) composite cathode in carbonate electrolyte and improvement by increasing electrolyte concentration. Sustainable Energy and Fuels, 2021, 5, 1714-1726.	4.9	4
3	Zr- and Ce-doped Li ₆ Y(BO ₃) ₃ electrolyte for all-solid-state lithium-ion battery. RSC Advances, 2021, 11, 16530-16536.	3.6	4
4	A systematic study on structure, ionic conductivity, and air-stability of xLi ₄ SnS ₄ ·(1-x)Li ₃ PS ₄ solid electrolytes. Ceramics International, 2021, 47, 28377-28383.	4.8	14
5	Mechanochemical synthesis of air-stable hexagonal Li ₄ SnS ₄ -based solid electrolytes containing LiI and Li ₃ PS ₄ . RSC Advances, 2021, 11, 38880-38888.	3.6	6
6	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
7	LISICON-Based Amorphous Oxide for Bulk-Type All-Solid-State Lithium-Ion Battery. ACS Applied Energy Materials, 2020, 3, 3220-3229.	5.1	43
8	All-Solid-State Lithium-Sulfur Batteries Using Sulfurized Alcohol Composite Material with Improved Coulomb Efficiency. Energy Technology, 2019, 7, 1900509.	3.8	4
9	Structural characterization of an amorphous VS ₄ and its lithiation/delithiation behavior studied by solid-state NMR spectroscopy. RSC Advances, 2019, 9, 23979-23985.	3.6	21
10	Improvement of Cycle Capability of Fe-Substituted Li ₂ S-Based Positive Electrode Materials by Doping with Lithium Iodide. Journal of the Electrochemical Society, 2019, 166, A5231-A5236.	2.9	8
11	Controlling of Dispersion State of Particles in Slurry and Electrochemical Properties of Electrodes. Journal of the Electrochemical Society, 2019, 166, A501-A506.	2.9	30
12	Structure analyses of Fe-substituted Li ₂ S-based positive electrode materials for Li-S batteries. Solid State Ionics, 2018, 320, 387-391.	2.7	11
13	Fabrication and charge-discharge reaction of all solid-state lithium battery using Li ₄ -2Ge ₁ -S ₄ O ₄ electrolyte. Solid State Ionics, 2018, 326, 52-57.	2.7	23
14	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
15	A Reversible Rocksalt to Amorphous Phase Transition Involving Anion Redox. Scientific Reports, 2018, 8, 15086.	3.3	21
16	Analysis of the discharge/charge mechanism in VS ₄ positive electrode material. Solid State Ionics, 2018, 323, 32-36.	2.7	19
17	Structural and dynamic behavior of lithium iron polysulfide Li ₈ FeS ₅ during charge/discharge cycling. Journal of Power Sources, 2018, 398, 67-74.	7.8	4
18	Amorphous Metal Polysulfides: Electrode Materials with Unique Insertion/Extraction Reactions. Journal of the American Chemical Society, 2017, 139, 8796-8799.	13.7	84

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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	All-Solid-State Battery Electrode Sheets Prepared by a Slurry Coating Process. Journal of the Electrochemical Society, 2017, 164, A2474-A2478.	2.9	125
21	Development of $\text{Li}_2\text{Ti}_3\text{S}_4$ – Li_3NbS_4 by a mechanochemical process. Journal of the Ceramic Society of Japan, 2017, 125, 268-271.	1.1	11
22	Cubic Rocksalt Li_2SnS_3 and a Solid Solution with Li_3NbS_4 Prepared by Mechanochemical Synthesis. Electrochemistry, 2017, 85, 580-584.	1.4	11
23	Enhancement of lithium-ion conductivity for $\text{Li}_2\text{C}_2\text{B}_2\text{O}_3$ by spark plasma sintering. Journal of the Ceramic Society of Japan, 2017, 125, 276-280.	1.1	17
24	Investigation on Electrochemical Property of AB/Al ₂ O ₃ -coated Li-excess Mn-based Layered Oxides. Journal of Physics: Conference Series, 2016, 712, 012129.	0.4	0
25	High Reversibility of “Soft” Electrode Materials in All-Solid-State Batteries. Frontiers in Energy Research, 2016, 4, .	2.3	22
26	Preparation of Li_2S – FePS_3 composite positive electrode materials and their electrochemical properties. Solid State Ionics, 2016, 288, 199-203.	2.7	12
27	X-ray absorption near-edge structures of LiMn_2O_4 and $\text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4$ spinel oxides for lithium-ion batteries: the first-principles calculation study. Physical Chemistry Chemical Physics, 2016, 18, 17827-17830.	2.8	9
28	XRD and XAFS study on structure and cation valence state of layered ruthenium oxide electrodes, Li_2RuO_3 and $\text{Li}_2\text{Mn}_{0.4}\text{Ru}_{0.6}\text{O}_3$, upon electrochemical cycling. Solid State Ionics, 2016, 285, 66-74.	2.7	30
29	All-solid-state lithium-ion battery using $\text{Li}_2\text{C}_2\text{O}_8\text{B}_2\text{O}_3$ electrolyte. Solid State Ionics, 2016, 288, 248-252.	2.7	49
30	Electrode morphology in all-solid-state lithium secondary batteries consisting of $\text{LiNi}_{1/3}\text{Co}_{1/3}\text{Mn}_{1/3}\text{O}_2$ and Li_2S - P_2S_5 solid electrolytes. Solid State Ionics, 2016, 285, 112-117.	2.7	114
31	Relationship between Cyclic Properties and Charge-discharge Condition for $\text{Li}_2\text{Mn}_0.4\text{Ru}_0.6\text{O}_3$ and Li_2RuO_3 . Electrochemistry, 2015, 83, 1071-1076.	1.4	7
32	Preparation of Li_2S - FeS_x Composite Positive Electrode Materials and Their Electrochemical Properties with Pre-Cycling Treatments. Journal of the Electrochemical Society, 2015, 162, A1745-A1750.	2.9	25
33	Structural Changes in $\text{Li}_2\text{CoPO}_4\text{F}$ during Lithium-Ion Battery Reactions. Chemistry of Materials, 2015, 27, 2839-2847.	6.7	15
34	The new disordered triplite polymorph of $\text{Co}_2[\text{PO}_4]\text{F}$. Zeitschrift Fur Kristallographie - Crystalline Materials, 2014, 229, 775-781.	0.8	0
35	Rapid Preparation of Li_2S - P_2S_5 Solid Electrolyte and Its Application for Graphite/ Li_2S All-Solid-State Lithium Secondary Battery. ECS Electrochemistry Letters, 2014, 3, A31-A35.	1.9	23
36	Amorphous Niobium Sulfides as Novel Positive-Electrode Materials. ECS Electrochemistry Letters, 2014, 3, A79-A81.	1.9	46

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37	Synthesis and Characterization of the Crystal and Magnetic Structures and Properties of the Hydroxyfluorides Fe(OH)F and Co(OH)F. <i>Inorganic Chemistry</i> , 2014, 53, 365-374.	4.0	25
38	Structural relationships among LiNaMg[PO ₄] ₄ F and Na ₂ M[PO ₄] ₄ F (M = Mn, Ni, and Mg), and the magnetic structure of LiNaNi[PO ₄] ₄ F. <i>Dalton Transactions</i> , 2014, 43, 2044-2051.	3.3	8
39	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
40	Crystal structures of the new fluorophosphates Li ₉ Mg ₃ [PO ₄] ₄ F ₃ and Li ₂ Mg[PO ₄] ₄ F and ionic conductivities of selected compositions. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5858.	10.3	7
41	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
42	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
43	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
44	Structural, magnetic, and electrochemical properties of the high pressure form of Na ₂ Co[PO ₄] ₄ F. <i>Dalton Transactions</i> , 2014, 43, 13630-13636.	3.3	8
45	Effect of bulk and surface structural changes in Li ₅ FeO 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
46	Application of graphite/solid electrolyte composite anode in all-solid-state lithium secondary battery with Li ₂ S positive electrode. <i>Solid State Ionics</i> , 2014, 262, 138-142.	2.7	40
47	The effects of Al ₂ O ₃ coating on the performance of layered Li _{1.20} Mn _{0.55} Ni _{0.16} Co _{0.09} O ₂ materials for lithium-ion rechargeable battery. <i>Solid State Ionics</i> , 2014, 262, 43-48.	2.7	19
48	Preparation of Novel Electrode Materials Based on Lithium Niobium Sulfides. <i>Electrochemistry</i> , 2014, 82, 880-883.	1.4	12
49	Application of LiCoPO ₄ Positive Electrode Material in All-Solid-State Lithium-Ion Battery. <i>Electrochemistry</i> , 2014, 82, 906-908.	1.4	16
50	Rock-salt-type lithium metal sulphides as novel positive-electrode materials. <i>Scientific Reports</i> , 2014, 4, 4883.	3.3	74
51	Synthesis, crystal structure and electrochemical properties of the manganese-doped LiNaFe[PO ₄] ₄ F materials. <i>Materials Chemistry and Physics</i> , 2013, 141, 52-57.	4.0	5
52	Synthesis and characterization of the crystal structure and magnetic properties of the hydroxyfluoride MnF _{2-x} (OH) _x (x ≈ 0.8). <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 13061.	2.8	9
53	Single crystal growth of the novel Mn ₂ (OH) ₂ SO ₃ , Mn ₂ F(OH)SO ₃ , and Mn ₅ (OH) ₄ (H ₂ O) ₂ [SO ₃] ₂ [SO ₄] compounds using a hydrothermal method. <i>Dalton Transactions</i> , 2013, 42, 7158.	3.3	5
54	Amorphous TiS ₄ positive electrode for lithium/sulfur secondary batteries. <i>Electrochemistry Communications</i> , 2013, 31, 71-75.	4.7	61

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55	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
56	Heat generation behavior during charging and discharging of lithium-ion batteries after long-time storage. <i>Journal of Power Sources</i> , 2013, 244, 294-299.	7.8	45
57	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
58	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
59	New fluorophosphate $\text{Li}_2\text{xNa}_x\text{Fe}[\text{PO}_4]\text{F}$ as cathode material for lithium ion battery. <i>Journal of Power Sources</i> , 2013, 244, 87-93.	7.8	11
60	Phase Transition Mechanisms in $\text{Li}_{1-x}\text{CoO}_2$ (0.25 $\leq x \leq 1$) Based on Group-Subgroup Transformations. <i>Chemistry of Materials</i> , 2013, 25, 3687-3701.	6.7	41
61	Preparation of $\text{Li}_2\text{S}-\text{FeS}_2$ Composite Electrode Materials and their Electrochemical Properties. <i>Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2013, 60, 13-18.	0.2	3
62	Performance of Sn-based Negative Electrode Films Prepared by Electrostatic Spray Deposition in Lithium Batteries. <i>Electrochemistry</i> , 2012, 80, 821-824.	1.4	1
63	Ion Distributions and the Electrochemical Properties of $\text{Li}_{1-x}\text{Ni}_x\text{Mn}_{0.5}\text{O}_{2.5}$ Prepared by Ion-Exchange for Positive Electrode. <i>Electrochemistry</i> , 2012, 80, 829-833.	1.4	2
64	Correlation of lithium ion distribution and X-ray absorption near-edge structure in O3- and O2-lithium cobalt oxides from first-principle calculation. <i>Journal of Materials Chemistry</i> , 2012, 22, 17340.	6.7	38
65	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
66	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
67	Study on Li de-intercalation/intercalation mechanism for a high capacity layered $\text{Li}_{1.20}\text{Ni}_{0.17}\text{Co}_{0.10}\text{Mn}_{0.53}\text{O}_2$ material. <i>Solid State Ionics</i> , 2012, 225, 580-584.	2.7	12
68	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
69	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
70	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
71	Improvement of Cycle Capability of FeS_2 Positive Electrode by Forming Composites with Li_2S for Ambient Temperature Lithium Batteries. <i>Journal of the Electrochemical Society</i> , 2011, 159, A75-A84.	2.9	46
72	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. <i>Journal of Power Sources</i> , 2009, 189, 676-680.	7.8	46

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73	Observation of Valence State Change in Layered $\text{Li}_{1-y}\text{Ni}_{1/3}\text{Mn}_{1/3}\text{Co}_{1/3}\text{O}_2$. AIP Conference Proceedings, 2007, , .	0.4	0
74	Investigation of inorganic compounds on the surface of cathode materials using Li and O K-edge XANES. Journal of Power Sources, 2007, 174, 774-778.	7.8	32
75	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
76	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
77	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
78	The effects of preparation condition and dopant on the electrochemical property for Fe-substituted Li_2MnO_3 . Journal of Power Sources, 2005, 146, 287-293.	7.8	38
79	Investigation on lithium de-intercalation mechanism for $\text{Li}_{1-y}\text{Ni}_{1/3}\text{Mn}_{1/3}\text{Co}_{1/3}\text{O}_2$. Journal of Power Sources, 2005, 146, 640-644.	7.8	61
80	Li de-intercalation mechanism in LiNiMnO cathode material for Li-ion batteries. Solid State Ionics, 2005, 176, 895-903.	2.7	62
81	Study of the Capacity Fading Mechanism for Fe-Substituted LiCoO_2 Positive Electrode. Journal of the Electrochemical Society, 2004, 151, A672.	2.9	31
82	Changes in the structure and physical properties of $\text{Li}_{1-y}\text{Ni}_{0.5}\text{Mn}_{0.4}\text{Ti}_{0.1}\text{O}_2$ ($y=0$ and 0.5). Solid State Ionics, 2004, 175, 221-224.	2.7	7
83	Structure, Physical Properties, and Charge-Discharge Characteristics of Fe-Doped Li_2IrO_3 . ChemInform, 2004, 35, no.	0.0	0
84	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
85	Synthesis, structure, and phase relationship in lithium manganese oxide spinel. Electronic supplementary information (ESI) available: neutron and X-ray Rietveld refinement results of LiMn_2O_4 . See http://www.rsc.org/suppdata/jm/b3/b314810f/ . Journal of Materials Chemistry, 2004, 14, 1948.	6.7	64
86	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. Journal of Materials Chemistry, 2004, 14, 40-42.	6.7	39
87	Structure and physical property changes of de-lithiated spinels for $\text{Li}_{1-x}\text{Mn}_{1.98}\text{O}_4$ after high-temperature storage. Solid State Ionics, 2003, 156, 309-318.	2.7	12
88	Changes in the structure and physical properties of the solid solution $\text{LiNi}_{1-x}\text{Mn}_x\text{O}_2$ with variation in its composition. Journal of Materials Chemistry, 2003, 13, 590-595.	6.7	102
89	Structure, and magnetic and electrochemical properties of layered oxides, Li_2IrO_3 . Journal of Materials Chemistry, 2003, 13, 957-962.	6.7	72
90	Fine $\text{Li}_{(4-x)/3}\text{Ti}_{(2-x)/3}\text{Fe}_x\text{O}_2$ ($0.18 \leq x \leq 0.67$) 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

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91	Lithium Extraction and Insertion Behavior of Nanocrystalline $\text{Li}_{2}\text{TiO}_{3}\text{-LiFeO}_{2}$ Solid Solution with Cubic Rock Salt Structure. <i>Journal of the Electrochemical Society</i> , 2003, 150, A638.	2.9	46
92	Structure, Physical Properties, and Charge-Discharge Characteristics of Fe-doped $\text{Li}_{2}\text{IrO}_{3}$. <i>Journal of the Electrochemical Society</i> , 2003, 150, A1408.	2.9	10
93	Structural Change of $\text{Li}_{1-x}\text{Ni}_{0.5}\text{Mn}_{0.5}\text{O}_{2}$ Cathode Materials for Lithium-ion Batteries by Synchrotron Radiation. <i>Chemistry Letters</i> , 2003, 32, 60-61.	1.3	61
94	Synthesis, Cation Distribution, and Electrochemical Properties of Fe-Substituted $\text{Li}_{2}\text{MnO}_{3}$ as a Novel 4 V Positive Electrode Material. <i>Journal of the Electrochemical Society</i> , 2002, 149, A509.	2.9	92
95	Structural and electrochemical properties of $\text{Li}(\text{Fe, Co})_{x}\text{Mn}_{2-x}\text{O}_{4}$ solid solution as 5 V positive electrode materials for Li secondary batteries. <i>Journal of Materials Chemistry</i> , 2002, 12, 1882-1891.	6.7	43
96	Structure and Electrochemical Properties of $\text{LiFe}_{x}\text{Mn}_{2-x}\text{O}_{4}$ ($0 \leq x \leq 0.5$) Spinel as 5 V Electrode Material for Lithium Batteries. <i>Journal of the Electrochemical Society</i> , 2001, 148, A730.	2.9	116
97	Electrochemical property of tin oxide thin film by photo-CVD process. <i>Journal of Power Sources</i> , 2001, 97-98, 229-231.	7.8	6
98	Preparation of lithium manganese oxides containing iron. <i>Journal of Power Sources</i> , 2001, 97-98, 415-419.	7.8	53
99	XAFS study of $\text{LiCo}_{1-x}\text{Fe}_{x}\text{O}_{2}$ cathode for rechargeable lithium battery by laboratory XAFS spectrometer. <i>Journal of Synchrotron Radiation</i> , 2001, 8, 863-865.	2.4	9
100	Physicochemical characterization of CuFeO_{2} and lithium intercalation. <i>Solid State Ionics</i> , 2000, 128, 33-41.	2.7	46
101	Electrochemical Properties of Hydrothermally Obtained $\text{LiCo}_{1-x}\text{Fe}_{x}\text{O}_{2}$ as a Positive Electrode Material for Rechargeable Lithium Batteries. <i>Journal of the Electrochemical Society</i> , 2000, 147, 960.	2.9	77
102	Synthesis and electrochemical properties of lithium molybdenum oxides. <i>Journal of Power Sources</i> , 1999, 81-82, 524-529.	7.8	23
103	Preparation of LiCoO_{2} and $\text{LiCo}_{1-x}\text{Fe}_{x}\text{O}_{2}$ using hydrothermal reactions. <i>Journal of Materials Chemistry</i> , 1999, 9, 199-204.	6.7	75
104	High-Pressure Synthesis, Crystal Structure, and Metal-Semiconductor Transitions in the $\text{Ti}_{2}\text{Ru}_{2}\text{O}_{7}$ Pyrochlore. <i>Journal of Solid State Chemistry</i> , 1998, 140, 182-193.	2.9	79
105	Magnetic Properties of Metastable Lithium Iron Oxides Obtained by Solvothermal/Hydrothermal Reaction. <i>Journal of Solid State Chemistry</i> , 1998, 141, 554-561.	2.9	90
106	Preparation of LiFeO_{2} with $\alpha\text{-NaFeO}_{2}$ Type Structure Using a Mixed Alkaline Hydrothermal Method. <i>Journal of the Electrochemical Society</i> , 1997, 144, L177-L180.	2.9	101
107	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
108	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

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109	Electrochemical and magnetic properties of lithium manganese oxide spinels prepared by oxidation at low temperature of hydrothermally obtained LiMnO ₂ . Solid State Ionics, 1996, 89, 53-63.	2.7	33
110	Synthesis, Crystal Structure, and Electrical Properties of the Pyrochlores Pb _{2-x} Ln _x Ru ₂ O _{7-y} (Ln = Nd, Y). J. Electrochem. Soc. 145(10):3611-3616, 1998.	2.9	61
111	Structure and lithium deintercalation of Li _{2-x} RuO ₃ . Solid State Ionics, 1995, 82, 25-31.	2.7	91
112	Structural characterization of the orthorhombic perovskites: [ARuO ₃ (A = Ca, Sr, La, Pr)]. Materials Research Bulletin, 1994, 29, 1271-1280.	5.2	154