Ryoji Kanno

List of Publications by Year
in descending order

121 papers	11,575 citations	87843 38 h-index	27389 106 g-index
123 all docs	123 docs citations	123 times ranked	8050 citing authors

#	Article	IF	Citations
1	Synthesis and Lithium-ion Conductivity of Sr(La_{1â^'}<i>_x</i>Li₃<i>_x</i>)(Zr_{1â^'}<i>_y</i></sub><i>_y</i>)O_{3â^'}<i>_x</i> with a K₂NiF₄ Structure. Electrochemistry, 2022, 90, 017005-017005.	0.6	1
2	Hydride-ion-conducting K2NiF4-type Baâ€“Li oxyhydride solid electrolyte. Nature Materials, 2022, 21, 325-330.	13.3	26
3	Fast Hydride-Ion Conduction in Perovskite Hydrides AELiH₃. ACS Applied Energy Materials, 2022, 5, 2968-2974.	2.5	10
4	Reversible Charge/Discharge Reaction of a Ternary Metal Fluoride, Pb₂CuF₆: A Highly Conductive Cathode Material for Fluoride-Ion Batteries. ACS Applied Energy Materials, 2022, 5, 1002-1009.	2.5	10
5	Combinatorial Synthesis and Ionic Conductivity of Amorphous Oxynitrides in a Pseudo-ternary Li₃PO₄-Li₄SiO₄-LiAlO₂ System. Electrochemistry, 2022, 90, 037008-037008.	0.6	2
6	Anomalously High Ionic Conductivity of Li₂SiS₃-Type Conductors. Journal of the American Chemical Society, 2022, 144, 4989-4994.	6.6	20
7	Li₁₀GeP₂S₁₂-Type Structured Solid Solution Phases in the Li_{9+Î´}P_{3+Î´â€²}S_{12â€“k}O_k System: Controlling Crystallinity by Synthesis to Improve the Air Stability. Inorganic Chemistry, 2022, 61, 52-61.	1.9	14
8	Reaction Mechanism of Li₂MnO₃ Electrodes in an All-Solid-State Thin-Film Battery Analyzed by Operando Hard X-ray Photoelectron Spectroscopy. Journal of the American Chemical Society, 2022, 144, 236-247.	6.6	16
9	Operando analysis of electronic band structure in an all-solid-state thin-film battery. Communications Chemistry, 2022, 5, .	2.0	11
10	Extending the Frontiers of Lithium-Ion Conducting Oxides: Development of Multicomponent Materials with Î³-Li₃PO₄-Type Structures. Chemistry of Materials, 2022, 34, 3948-3959.	3.2	18
11	Revealing the Ion Dynamics in Li₁₀GeP₂S₁₂ by Quasi-Elastic Neutron Scattering Measurements. Journal of Physical Chemistry C, 2022, 126, 9518-9527.	1.5	8
12	Liquid-phase synthesis of the Li₁₀GeP₂S₁₂-type phase in the Liâ€“Siâ€“Pâ€“Sâ€“Cl system. Journal of Materials Chemistry A, 2022, 10, 14392-14398.	5.2	6
13	Influence of Chemical Composition and Domain Morphology of Li₂MnO₃ on Battery Properties. Batteries and Supercaps, 2021, 4, 493-503.	2.4	3
14	Annealing-induced evolution at the LiCoO₂/LiNbO₃ interface and its functions in all-solid-state batteries with a Li₁₀GeP₂S₁₂ electrolyte. Journal of Materials Chemistry A, 2021, 9, 4117-4125.	5.2	11
15	Reactions of the Li₂MnO₃ Cathode in an All-Solid-State Thin-Film Battery during Cycling. ACS Applied Materials & Interfaces, 2021, 13, 7650-7663.	4.0	13
16	Crystalline Electrolyte. , 2021, , 49-60.		0
17	Syntheses and Characterization of Novel Perovskite-Type LaScO3-Based Lithium Ionic Conductors. Molecules, 2021, 26, 299.	1.7	9
18	Correlated Li-ion migration in the superionic conductor Li₁₀GeP₂S₁₂. Journal of Materials Chemistry A, 2021, 9, 11278-11284.	5.2	21

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19	(Invited) Reaction Mechanism of Lithium-Rich Layered Cathode Materials in Thin-Film Solid-State Battery. ECS Meeting Abstracts, 2021, MA2021-02, 234-234.	0.0	0
20	High-Pressure Synthesis and Lithium-Ion Conduction of Li₄OBr₂ Derivatives with a Layered Inverse-Perovskite Structure. Chemistry of Materials, 2021, 33, 9194-9201.	3.2	8
21	Li₁₀GeP₂S₁₂â€Type Superionic Conductors: Synthesis, Structure, and Ionic Transportation. Advanced Energy Materials, 2020, 10, 2002153.	10.2	101
22	Oxygen Substitution for Liâ€“Siâ€“Pâ€“Sâ€“Cl Solid Electrolytes toward Purified Li₁₀GeP₂S₁₂-Type Phase with Enhanced Electrochemical Stabilities for All-Solid-State Batteries. Chemistry of Materials, 2020, 32, 8860-8867.	3.2	24
23	Operando hard X-ray photoelectron spectroscopy of LiCoO2 thin film in an all-solid-state lithium ion battery. Electrochemistry Communications, 2020, 118, 106790.	2.3	24
24	The effect of cation size on hydride-ion conduction in LnSrLiH₂O₂ (Ln = La,) Tj ETQq0 0 0 rgBT /Overlock 10 T	5.2	15
25	High lithium ionic conductivity of Î³-Li3PO4-type solid electrolytes in Li4GeO4â^'Li4SiO4â€“Li3VO4 quasi-ternary system. Journal of Solid State Chemistry, 2020, 292, 121651.	1.4	26
26	Precipitation of the Lithium Superionic Conductor Li₁₀GeP₂S₁₂ by a Liquid-phase Process. Chemistry Letters, 2020, 49, 1379-1381.	0.7	4
27	Fast material search of lithium ion conducting oxides using a recommender system. Journal of Materials Chemistry A, 2020, 8, 11582-11588.	5.2	19
28	Ionic conduction mechanism of a lithium superionic argyrodite in the Liâ€“Alâ€“Siâ€“Sâ€“O system. Materials Advances, 2020, 1, 334-340.	2.6	30
29	(Keynote) Sulfide Electrolytes Based on the LGPS Related Materials. ECS Meeting Abstracts, 2020, MA2020-02, 887-887.	0.0	0
30	Ï'-Li₃PO₄-Type Solid Electrolytes in Li₄GeO₄-Li₄SiO₄-Li₃VO₄ Quasi-Ternary System with High Lithium Ionic Conductivity. ECS Meeting Abstracts, 2020, MA2020-02, 913-913.	0.0	0
31	High Energy Density Cathode Composite for All-Solid-State Lithium-Sulfur Battery. ECS Meeting Abstracts, 2020, MA2020-02, 3460-3460.	0.0	0
32	(Invited) Elucidation of Electrochemical Reactions in Li2MnO3 Using Thin-Film Solid-State Battery. ECS Meeting Abstracts, 2020, MA2020-02, 37-37.	0.0	0
33	All-Solid-State Three-Electrode Cells with Reduced Li₄Ti₅O₁₂ Reference Electrode. ECS Meeting Abstracts, 2020, MA2020-02, 1011-1011.	0.0	0
34	Charge Compensation Mechanism of Li₂MnO₃ Cathode in All-Solid-State Thin Film Battery Investigated By Using Operando HAXPES. ECS Meeting Abstracts, 2020, MA2020-02, 919-919.	0.0	0
35	Enhancing Fast Lithium Ion Conduction in Li₄GeO₄â€“Li₃PO₄ Solid Electrolytes. ACS Applied Energy Materials, 2019, 2, 6608-6615.	2.5	34
36	Excess Lithium in Transition Metal Layers of Epitaxially Grown Thin Film Cathodes of Li₂MnO₃ Leads to Rapid Loss of Covalency during First Battery Cycle. Journal of Physical Chemistry C, 2019, 123, 28519-28526.	1.5	19

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37	Kinetics of Li-ion Transfer at the Electrode/Electrolyte Interface and Current Rate Performance of LiCoO₂ Surface-coated with Zirconium Oxide and Aluminum Oxide. Electrochemistry, 2019, 87, 234-241.	0.6	2
38	Weak Anisotropic Lithium-Ion Conductivity in Single Crystals of Li₁₀GeP₂S₁₂. Chemistry of Materials, 2019, 31, 3694-3699.	3.2	57
39	Conduction Mechanism of Li₁₀GeP₂S₁₂-type Lithium Superionic Conductors in a Liâ€“Snâ€“Siâ€“Pâ€“S System. Chemistry of Materials, 2019, 31, 3485-3490.	3.2	21
40	Rational Design of a Composite Electrode to Realize a Highâ€Performance Allâ€Solidâ€State Battery. ChemSusChem, 2019, 12, 2637-2643.	3.6	20
41	Ba₂ScHO₃: H^{â€“} Conductive Layered Oxyhydride with H^{â€“} Site Selectivity. Inorganic Chemistry, 2019, 58, 4431-4436.	1.9	41
42	Superionic lithium conductor with a cubic argyrodite-type structure in the Liâ€“Alâ€“Siâ€“S system. Journal of Solid State Chemistry, 2019, 270, 487-492.	1.4	35
43	Ambient pressure synthesis of La 2 Li HO 3 as a solid electrolyte for a hydrogen electrochemical cell. Journal of the American Ceramic Society, 2019, 102, 3228-3235.	1.9	12
44	Thin Film All-solid-state Battery Using Li₂MnO₃ Epitaxial Film Electrode. Chemistry Letters, 2019, 48, 192-195.	0.7	25
45	Tuning mobility and stability of lithium ion conductors based on lattice dynamics. Energy and Environmental Science, 2018, 11, 850-859.	15.6	158
46	Composite Sulfur Electrode for All-solid-state Lithiumâ€“sulfur Battery with Li₂Sâ€“GeS₂â€“P₂S₅-based Thio-LISICON Solid Electrolyte. Electrochemistry, 2018, 86, 1-5.	0.6	25
47	All-Solid-State Batteries with Thick Electrode Configurations. Journal of Physical Chemistry Letters, 2018, 9, 607-613.	2.1	169
48	Interfacial Atomic Structures of Single-Phase Li₂MnO₃Thin Film with Superior Initial Charge-Discharge Behavior. Journal of the Electrochemical Society, 2018, 165, A55-A60.	1.3	12
49	Synthesis, crystal structure, and ionic conductivity of hydride ion-conducting Ln₂LiHO₃ (Ln = La, Pr, Nd) oxyhydrides. Journal of Materials Chemistry A, 2018, 6, 23457-23463.	5.2	31
50	High Cycle Capability of All-Solid-State Lithiumâ€“Sulfur Batteries Using Composite Electrodes by Liquid-Phase and Mechanical Mixing. ACS Applied Energy Materials, 2018, 1, 2373-2377.	2.5	65
51	Reversible Structural Changes and High-Rate Capability of Li₃PO₄-Modified Li₂RuO₃ for Lithium-Rich Layered Rocksalt Oxide Cathodes. Journal of Physical Chemistry C, 2018, 122, 16607-16612.	1.5	8
52	Synthesis and Lithium-Ion Conductivity of LiSr<i>B</i>₂O₆F (<i>B</i> =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2018, 65, 26-33.	0.1	7
53	Pair distribution function analysis of sulfide glassy electrolytes for all-solid-state batteries: Understanding the improvement of ionic conductivity under annealing condition. Scientific Reports, 2017, 7, 6972.	1.6	51
54	Superionic Conductors: Li_{10+Î´}[Sn_ySi_{1â€“y}]_{1+Î´}P_{2â^'Î´}S₁₂ with a Li₁₀GeP₂S₁₂-type Structure in the Li₃PS₄â€“Li₄SnS₄â€“Li₄SiS₄ Quasi-ternary System. Chemistry of Materials, 2017, 29, 5858-5864.	3.2	134

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55	Effect of excess Li₂S on electrochemical properties of amorphous li₃ps₄ films synthesized by pulsed laser deposition. Journal of the American Ceramic Society, 2017, 100, 746-753.	1.9	21
56	Highly Ordered Mesoporous Carbon Support Materials for Air Electrode of Lithium Air Secondary Batteries. Electrochemistry, 2017, 85, 128-132.	0.6	3
57	Raman Imaging Analysis of Local Crystal Structures in LiCoO2 Thin Films Calcined at Different Temperatures. Analytical Sciences, 2017, 33, 853-858.	0.8	14
58	Ambient Pressure Synthesis and H[−] Conductivity of LaSrLiH₂O₂. Electrochemistry, 2017, 85, 88-92.	0.6	25
59	Lithium Superionic Conductor Li9.42Si1.02P2.1S9.96O2.04 with Li10GeP2S12-Type Structure in the Li2Sâ€“P2S5â€“SiO2 Pseudoternary System: Synthesis, Electrochemical Properties, and Structureâ€“Composition Relationships. Frontiers in Energy Research, 2016, 4, .	1.2	54
60	Fabrication and All Solid-State Battery Performance of TiS₂/Li₁₀GeP₂S₁₂ Composite Electrodes. Materials Transactions, 2016, 57, 549-552.	0.4	43
61	Neutron reflectometry analysis of Li₄Ti₅O₁₂/organic electrolyte interfaces: characterization of surface structure changes and lithium intercalation properties. Journal of Materials Research, 2016, 31, 3142-3150.	1.2	10
62	All-solid-state lithiumâ€“sulfur batteries with three-dimensional mesoporous electrode structures. Journal of Power Sources, 2016, 330, 120-126.	4.0	71
63	Lithium intercalation in the surface region of an LiNi_{1/3}Mn_{1/3}Co_{1/3}O₂ cathode through different crystal planes. RSC Advances, 2016, 6, 78963-78969.	1.7	9
64	Real-time observations of lithium battery reactionsâ€”operando neutron diffraction analysis during practical operation. Scientific Reports, 2016, 6, 28843.	1.6	101
65	On the Mechanism of Crystal Water Insertion during Anomalous Spinel-to-Birnessite Phase Transition. Chemistry of Materials, 2016, 28, 5488-5494.	3.2	55
66	High-power all-solid-state batteries using sulfide superionic conductors. Nature Energy, 2016, 1, .	19.8	2,421
67	Synthesis, Crystal Structure, and the Ionic Conductivity of New Lithium Ion Conductors, <i>M</i>-Doped LiScO₂ (<i>M</i> = Zr, Nb, Ta). Materials Transactions, 2016, 57, 1370-1373.	0.4	7
68	Oxygen substitution effects in Li10GeP2S12 solid electrolyte. Journal of Power Sources, 2016, 324, 798-803.	4.0	131
69	Fabrication and electrochemical properties of a LiCoO2 and Li10GeP2S12 composite electrode for use in all-solid-state batteries. Solid State Ionics, 2016, 285, 136-142.	1.3	57
70	Pure H ^{â€“} conduction in oxyhydrides. Science, 2016, 351, 1314-1317.	6.0	155
71	Synthesis, structure, and electrochemical properties of crystalline Liâ€“Pâ€“Sâ€“O solid electrolytes: Novel lithium-conducting oxysulfides of Li10GeP2S12 family. Solid State Ionics, 2016, 288, 229-234.	1.3	55
72	Electrochemical properties of copper-based compounds with polyanion frameworks. Journal of Solid State Chemistry, 2016, 235, 43-49.	1.4	3

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73	Synthesis, Crystal Structure, and Electrochemical Properties of Li_{1.2+}_xMn_{0.3}Co_{0.2}Ni_{0.3}O₂ (x > 0) for Lithium-ion Battery Cathodes. Electrochemistry, 2015, 83, 820-823.	0.6	3
74	In-situ STEM Observation of Strain Field Movement in a LiMn2O4 Nanowire Battery. Microscopy and Microanalysis, 2015, 21, 953-954.	0.2	3
75	Phase DiagramÂof the Li₄GeS₄â€“Li₃<scp>PS</scp>₄ QuasiâBinary System Containing the Superionic Conductor Li₁₀GeP₂S₁₂. Journal of the American Ceramic Society, 2015, 98, 3352-3360.	1.9	64
76	Control of the Phase Fractions in Layered Rock Salt and Spinel-Type Li-(Mn,Co,Ni)-O Epitaxial Thin Films: a Model Blended Cathode System for Lithium Batteries. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2015, 62, 531-537.	0.1	3
77	Interaction Between the Cathode Active Material and the Carbon Conductive Agent in High-Voltage Cathode System that is Concerned with the Gas Evolution. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2015, 62, 538-542.	0.1	1
78	Fabrication and All Solid-State Battery Performance of TiS₂/Li₁₀GeP₂S₁₂ Composite Electrodes. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2015, 62, 548-552.	0.1	2
79	Inâ€…Situ Xâ€ray Visualization of the Lithiation Process in a Porous Graphite Electrode in an Operating Liâ€ion Cell. ChemElectroChem, 2015, 2, 1535-1540.	1.7	6
80	Structureâ€“property relationships in lithium superionic conductors having a Li₁₀GeP₂S₁₂-type structure. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2015, 71, 727-736.	0.5	46
81	Syntheses, structures, and ionic conductivities of perovskite-structured lithiumâ€“strontiumâ€“aluminum/galliumâ€“tantalum-oxides. Journal of Solid State Chemistry, 2015, 225, 431-437.	1.4	11
82	Synthesis, structure, and conduction mechanism of the lithium superionic conductor Li_{10+Î´}Ge_{1+Î´}P_{2âˆ’Î´}S₁₂. Journal of Materials Chemistry A, 2015, 3, 438-446.	5.2	144
83	Reversible lithium intercalation in a lithium-rich layered rocksalt Li2RuO3 cathode through a Li3PO4 solid electrolyte. Journal of Power Sources, 2015, 300, 413-418.	4.0	17
84	Variation of local magnetic environments in olivine-type compounds:<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Na</mml:mi><mml:mrow><mml:mn>0.7</mml:mn></mml:mrow></mml:msub><mml:mi mathvariant="normal">P</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Fe</mml:mi><mml:mi mathvariant="normal">P</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi></mml:msub></mml:math>. Physical Review B,	1.1	7
85	Synthesis, structure, and ionic conductivity of solid solution, Li_{10+Î´}M_{1+Î´}P_{2âˆ’Î´}S₁₂ (M = Si, Sn). Faraday Discussions, 2014, 176, 83-94.	1.6	83
86	Mechanistic studies on lithium intercalation in a lithium-rich layered material using Li₂RuO₃epitaxial film electrodes and in situ surface X-ray analysis. Journal of Materials Chemistry A, 2014, 2, 17875-17882.	5.2	24
87	Low temperature synthesis and ionic conductivity of the epitaxial Li_{0.17}La_{0.61}TiO₃film electrolyte. CrystEngComm, 2014, 16, 1044-1049.	1.3	26
88	Epitaxial growth and lithium ion conductivity of lithium-oxide garnet for an all solid-state battery electrolyte. Dalton Transactions, 2013, 42, 13112.	1.6	114
89	All-solid-state Liâ€“sulfur batteries with mesoporous electrode and thio-LISICON solid electrolyte. Journal of Power Sources, 2013, 222, 237-242.	4.0	194
90	Fabrication and electrochemical properties of LiMn2O4/SrRuO3 multi-layer epitaxial thin film electrodes. Journal of Power Sources, 2013, 226, 340-345.	4.0	53

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91	Synthesis, crystal structure, and ionic conductivity of tunnel structure phosphates, RbMg1â^'xH2x(PO3)3Â·y(H2O). Journal of Materials Chemistry A, 2013, 1, 15544.	5.2	13
92	Discharge Performance of All-Solid-State Battery Using a Lithium Superionic Conductor Li10GeP2S12. Electrochemistry, 2012, 80, 749-751.	0.6	124
93	Synthesis and Reversible Li-intercalation Behavior of BaFeO4 films. Electrochemistry, 2012, 80, 139-141.	0.6	1
94	Characterization of Nano-Sized Epitaxial Li4Ti5O12(110) Film Electrode for Lithium Batteries. Electrochemistry, 2012, 80, 800-803.	0.6	13
95	Oxygen Evolution and Reduction Reactions on La0.8Sr0.2CoO3 (001), (110), and (111) Surfaces in an Alkaline Solution. Electrochemistry, 2012, 80, 834-838.	0.6	35
96	Diffusive behavior in Li<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>M</mml:mi></mml:math>PO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>M</mml:mi><mml:mo>=</mml:mo><mml:mtext>Fe</mml:mtext></mml:mrow></mml:math>,	1.1	51
97	Elucidating the LiFePO4 air aging mechanism to predict its electrochemical performance. Journal of Materials Chemistry, 2011, 21, 18575.	6.7	21
98	Magnetic and diffusive nature of LiFePO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>investigated by muon spin rotation and relaxation. Physical Review B, 2011, 84, .	1.1	65
99	A lithium superionic conductor. Nature Materials, 2011, 10, 682-686.	13.3	3,659
100	Crystal structure and phase transitions of the lithium ionic conductor Li3PS4. Solid State Ionics, 2011, 182, 53-58.	1.3	289
101	Surface Characterization of LiFePO4 Epitaxial Thin Films by X-ray/Neutron Reflectometry. Electrochemistry, 2010, 78, 413-415.	0.6	48
102	Characterization of Air Exposed LiFePO4 Nanopowders for Li-Ion Batteries. ECS Meeting Abstracts, 2010, , .	0.0	0
103	Crystal Structure of High-Temperature Phase of Lithium Ionic Conductor, Li₃PS₄. Journal of the Physical Society of Japan, 2010, 79, 90-93.	0.7	40
104	Dynamic Structural Changes at LiMn₂O₄/Electrolyte Interface during Lithium Battery Reaction. Journal of the American Chemical Society, 2010, 132, 15268-15276.	6.6	338
105	Structural changes in surface and bulk LiNi0.5Mn0.5O2 during electrochemical reaction on epitaxial thin-film electrodes characterized by in situ X-ray scattering. Physical Chemistry Chemical Physics, 2010, 12, 3815.	1.3	39
106	Surface Structure of LiNi_{0.8}Co_{0.2}O₂: a New Experimental Technique Using in Situ X-ray Diffraction and Two-Dimensional Epitaxial Film Electrodes. Chemistry of Materials, 2009, 21, 2632-2640.	3.2	49
107	Chemically oxidized Î³-MnO2 for lithium secondary batteries: structure and intercalation/deintercalation properties. Journal of Materials Chemistry, 2009, , .	6.7	5
108	New anti-fluorite solid-solution phases in Li-Ti-N ternary system. Journal of the Ceramic Society of Japan, 2009, 117, 52-55.	0.5	6

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109	Detection of surface layers using 7Li MAS NMR. Journal of Materials Chemistry, 2008, 18, 4266.	6.7	45
110	Characterization of Electrode/Electrolyte Interface with X-Ray Reflectometry and Epitaxial-Film LiMn[sub 2]O[sub 4] Electrode. Journal of the Electrochemical Society, 2007, 154, A1065.	1.3	104
111	Mechanistic study on lithium intercalation using a restricted reaction field in LiNi0.5Mn0.5O2. Journal of Power Sources, 2007, 174, 678-682.	4.0	25
112	Magnetic properties of Li(MnyFe1â^'y)PO4 and its delithiated phases. Applied Physics Letters, 2005, 87, 252503.	1.5	10
113	All Solid-State Batteries Using Super Ionic Conductor, Thio-Lisicon â€“ Electrode/Electrolyte interfacial Design. Materials Research Society Symposia Proceedings, 2004, 835, K11.1.1.	0.1	4
114	Synthesis, structure, and phase relationship in lithium manganese oxide spinelElectronic supplementary information (ESI) available: neutron and X-ray Rietveld refinement results of LiMn2O4. See http://www.rsc.org/suppdata/jm/b3/b314810f/. Journal of Materials Chemistry, 2004, 14, 1948.	6.7	64
115	Structure, and magnetic and electrochemical properties of layered oxides, Li2IrO3. Journal of Materials Chemistry, 2003, 13, 957-962.	6.7	72
116	Fine Li(4 ? x)/3Ti(2 ? 2x)/3FexO2 (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
117	Defect Structure of LiMn₂O₄ after High-Temperature Storage. Electrochemistry, 2003, 71, 1160-1161.	0.6	7
118	Evaluation of Migration Energy of Lithium Ions in Chalcogenides and Halides by First Principles Calculation. Materials Transactions, 2002, 43, 1460-1463.	0.4	39
119	Low Temperature SOFCs with the Ruthenium Pyrochlore Cathode. Electrochemistry, 2002, 70, 969-971.	0.6	6
120	Lithium Ionic Conductor Thio-LISICON: The Li[sub 2]S-GeS[sub 2]-P[sub 2]S[sub 5] System. Journal of the Electrochemical Society, 2001, 148, A742.	1.3	889
121	Ionic conductivity of tetragonal PbSnF4 prepared by solid state reaction in HF atmosphere. Materials Research Bulletin, 1991, 26, 1111-1117.	2.7	28