Koji Amezawa

List of Publications by Year
in descending order

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130	2,504	147801	254184
papers	citations	31 h-index	43 g-index

132	132	132	2643
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Protonic conduction and defect structures in Sr-doped LaPO4. Solid State Ionics, 2001, 145, 233-240.	2.7	116
2	Mechanism of Direct Electrolytic Reduction of Solid SiO[sub 2] to Si in Molten CaCl[sub 2]. Journal of the Electrochemical Society, 2005, 152, D69.	2.9	88
3	Protonic and Native Conduction in Srâ€Substituted LaPO4 Studied by Thermoelectric Power Measurements. Journal of the Electrochemical Society, 1998, 145, 3313-3319.	2.9	77
4	Guidelines for All-Solid-State Battery Design and Electrode Buffer Layers Based on Chemical Potential Profile Calculation. ACS Applied Materials & Interfaces, 2019, 11, 19968-19976.	8.0	77
5	Elastic modulus and internal friction of SOFC electrolytes at high temperatures under controlled atmospheres. Journal of Power Sources, 2011, 196, 7989-7993.	7.8	65
6	First-Principles Calculations for the Energetics of the Hydration Reaction of Acceptor-Doped BaZrO₃. Chemistry of Materials, 2017, 29, 1518-1526.	6.7	60
7	Electrochemical Formation and Phase Control of Pr-Ni Alloys in a Molten LiCl-KCl-PrCl[sub 3] System. Journal of the Electrochemical Society, 2005, 152, C183.	2.9	57
8	X-ray Absorption Spectroscopic Study on La_{0.6}Sr_{0.4}CoO_{3â^'Î´}Cathode Materials Related with Oxygen Vacancy Formation. Journal of Physical Chemistry C, 2011, 115, 16433-16438.	3.1	56
9	Energy efficiency of ionic transport through proton conducting ceramic electrolytes for energy conversion applications. Journal of Materials Chemistry A, 2018, 6, 15771-15780.	10.3	55
10	Morphological Effect on Reaction Distribution Influenced by Binder Materials in Composite Electrodes for Sheet-type All-Solid-State Lithium-Ion Batteries with the Sulfide-based Solid Electrolyte. Journal of Physical Chemistry C, 2019, 123, 3292-3298.	3.1	53
11	Bismuth and indium co-doping strategy for developing stable and efficient barium zirconate-based proton conductors for high-performance H-SOFCs. Journal of the European Ceramic Society, 2016, 36, 3423-3431.	5.7	52
12	High temperature protonic conduction in LaPO doped with alkaline earth metals. Solid State Ionics, 2005, 176, 135-141.	2.7	51
13	Electrical Conduction Properties of Sr-Doped LaPO[sub 4] and CePO[sub 4] under Oxidizing and Reducing Conditions. Journal of the Electrochemical Society, 2005, 152, A658.	2.9	50
14	Defect chemical studies on oxygen release from the Li-rich cathode material Li_{1.2}Mn_{0.6}Ni_{0.2}O_{2â^'Î´}. Journal of Materials Chemistry A, 2019, 7, 5009-5019.	10.3	47
15	Structure, Water Uptake, and Electrical Conductivity of TiP2O7. Journal of the American Ceramic Society, 2011, 94, 1514-1522.	3.8	46
16	Oxygen defect engineering for the Li-rich cathode material Li_{1.2}Ni_{0.13}Co_{0.13}Mn_{0.54}O_{2â^'Î´}. Journal of Materials Chemistry A, 2021, 9, 3657-3667.	10.3	46
17	The Singleâ€Electrode Peltier Heats of Liâ€Al Alloy Electrodes in LiClâ€‰â€â€‰KCl Eutectic System. Journal of the Electrochemical Society, 1994, 141, 3096-3103.	2.9	45
18	Oxygen nonstoichiometry of the perovskite-type oxides BaCe0.9M0.1O3â^' (M Y, Yb, Sm, Tb, and Nd). Solid State Ionics, 2008, 179, 529-535.	2.7	40

#	Article	IF	Citations
19	The effect of interstitial oxygen formation on the crystal lattice deformation in layered perovskite oxides for electrochemical devices. Journal of Materials Chemistry A, 2015, 3, 10471-10479.	10.3	40
20	High-Temperature Protonic Conduction in LaP[sub 3]O[sub 9]. Electrochemical and Solid-State Letters, 2004, 7, A511.	2.2	39
21	The crystal structure, oxygen nonstoichiometry and chemical stability of Ba0.5Sr0.5Co0.8Fe0.2O3â^'Î´ (BSCF). Physical Chemistry Chemical Physics, 2014, 16, 7307.	2.8	38
22	Protonic conduction in acceptor-doped LaP3O9. Solid State Ionics, 2005, 176, 2867-2870.	2.7	37
23	Effect of Nb doping on the chemical stability of BSCF-based solid solutions. Solid State Ionics, 2014, 262, 719-723.	2.7	37
24	Influences of Temperature and Oxygen Partial Pressure on Mechanical Properties of <scp><scp>La</scp></scp>_{0.6}<scp><scp>Sr</scp></scp>_{0.4}<scp><scp>Co</scp></scp>3.8 sub>1â^'y<... Journal of the American Ceramic Society, 2012, 95, 2608-2613.	3.8	37
25	The determining factor for interstitial oxygen formation in Ruddlesdenâ€“Popper type La₂NiO₄-based oxides. Physical Chemistry Chemical Physics, 2016, 18, 1564-1569.	2.8	36
26	Visualization of Inhomogeneous Reaction Distribution in the Model LiCoO₂ Composite Electrode of Lithium Ion Batteries. Journal of Physical Chemistry C, 2017, 121, 2118-2124.	3.1	35
27	3D Operando Imaging and Quantification of Inhomogeneous Electrochemical Reactions in Composite Battery Electrodes. Journal of Physical Chemistry Letters, 2020, 11, 3629-3636.	4.6	35
28	An X-ray absorption spectroscopic study on mixed conductive La0.6Sr0.4Co0.8Fe0.2O3â^'Î´ cathodes. I. Electrical conductivity and electronic structure. Physical Chemistry Chemical Physics, 2011, 13, 16637.	2.8	34
29	Lattice Oxygen Instability in Oxideâ€Based Intercalation Cathodes: A Case Study of Layered LiNi_{1/3}Co_{1/3}Mn_{1/3}O₂. Advanced Energy Materials, 2021, 11, 2101005.	19.5	34
30	Oxygen nonstoichiometry, the defect equilibrium model and thermodynamic quantities of the Ruddlesdenâ€“Popper oxide Sr₃Fe₂O_{7â^'Î´}. Physical Chemistry Chemical Physics, 2015, 17, 7489-7497.	2.8	33
31	Understanding the reaction mechanism and performances of 3d transition metal cathodes for all-solid-state fluoride ion batteries. Journal of Materials Chemistry A, 2021, 9, 406-412.	10.3	33
32	Singleâ€Electrode Peltier Heats of Liâ€Si Alloy Electrodes in LiClâ€KCl Eutectic Melt. Journal of the Electrochemical Society, 1998, 145, 1986-1993.	2.9	30
33	Influence of Active Material Loading on Electrochemical Reactions in Composite Solid-State Battery Electrodes Revealed by Operando 3D CT-XANES Imaging. ACS Applied Energy Materials, 2020, 3, 7782-7793.	5.1	29
34	Effect of thickness of Gd0.1Ce0.9O1.95 electrolyte films on electrical performance of anode-supported solid oxide fuel cells. Journal of Power Sources, 2010, 195, 5487-5492.	7.8	28
35	Elastic moduli of Ce0.9Gd0.1O2â^'Î´ at high temperatures under controlled atmospheres. Solid State Ionics, 2011, 198, 32-38.	2.7	28
36	Hydrogen permeability and electrical properties in oxide compositesâ˜†. Solid State Ionics, 2008, 178, 1663-1667.	2.7	26

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37	High temperature protonic conduction in Sr-doped LaP3O9. Solid State Ionics, 2006, 177, 2407-2411.	2.7	25
38	High temperature protonic conduction in SrPO?LaPO system. Solid State Ionics, 2005, 176, 143-148.	2.7	24
39	Stability of La_{0.6}Sr_{0.4}Co_{0.2}Fe_{0.8}O_{3-Î´}as SOFC Cathode. Journal of the Electrochemical Society, 2012, 159, F659-F664.	2.9	24
40	Impact of Oxygen Defects on Electrochemical Processes and Charge Compensation of Li-Rich Cathode Material Li_{1.2}Mn_{0.6}Ni_{0.2}O_{2â^'Î´}. ACS Applied Energy Materials, 2020, 3, 9703-9713.	5.1	24
41	Improvement of Li-ion conductivity in A-site disordering lithium-lanthanum-titanate perovskite oxides by adding LiF in synthesis. Journal of Power Sources, 2009, 189, 536-538.	7.8	23
42	Reversible and Fast (De)fluorination of Highâ€Capacity Cu₂O Cathode: One Step Toward Practically Applicable Allâ€Solidâ€State Fluorideâ€Ion Battery. Advanced Energy Materials, 2021, 11, 2102285.	19.5	23
43	Oxygen nonstoichiometry and thermodynamic quantities in the Ruddlesdenâ€“Popper oxides La Sr3â^'Fe2O7â^'. Solid State Ionics, 2016, 288, 298-302.	2.7	21
44	Oxygen vacancies-rich iron-based perovskite-like electrodes for symmetrical solid oxide fuel cells. Ceramics International, 2021, 47, 12916-12925.	4.8	21
45	Operando Soft Xâ€ray Absorption Spectroscopic Study on a Solid Oxide Fuel Cell Cathode during Electrochemical Oxygen Reduction. ChemSusChem, 2017, 10, 2008-2014.	6.8	20
46	Thermodynamic Properties and Singleâ€Electrode Peltier Heats of a Liâ€Al Alloy in a LiClâ€KCl Eutectic Melt. Journal of the Electrochemical Society, 1999, 146, 1069-1074.	2.9	19
47	Evaluation of electrical conductivity and oxygen diffusivity of the typical Ruddlesden-Popper oxide Sr3Fe2O7-. Ceramics International, 2017, 43, 16264-16269.	4.8	18
48	Cuâ€“Pb Nanocomposite Cathode Material toward Room-Temperature Cycling for All-Solid-State Fluoride-Ion Batteries. ACS Applied Energy Materials, 2021, 4, 3352-3357.	5.1	18
49	Anodic electrode reaction of p-type silicon in 1-ethyl-3-methylimidazolium fluorohydrogenate room-temperature ionic liquid. Electrochimica Acta, 2008, 53, 3650-3655.	5.2	17
50	X-ray absorption spectroscopic studies on solid oxide fuel cells and proton-conducting ceramic fuel cells. Current Opinion in Electrochemistry, 2020, 21, 250-256.	4.8	17
51	Electrical and Mechanical Properties of Sr-Doped LaPO[sub 4] Prepared by Spark Plasma Sintering. Journal of the Electrochemical Society, 2005, 152, A1060.	2.9	16
52	Nanoprotonics in perovsikte-type oxides: Reversible changes in color and ion conductivity due to nanoionics phenomenon in platinum-containing perovskite oxide. Solid State Ionics, 2011, 182, 13-18.	2.7	16
53	Crystal structure and thermal expansion behavior of oxygen stoichiometric lanthanum strontium manganite at high temperature. Solid State Ionics, 2014, 256, 83-88.	2.7	16
54	Kinetic analysis and alloy designs for metal/metal fluorides toward high rate capability for all-solid-state fluoride-ion batteries. Journal of Materials Chemistry A, 2021, 9, 7018-7024.	10.3	16

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55	High Temperature Proton Conductivity of ZrP[sub 2]O[sub 7]. Journal of the Electrochemical Society, 2010, 157, B1491.	2.9	15
56	Local structural analysis for oxide ion transport in La0.6Sr0.4FeO3â˜Î´ cathodes. Journal of Materials Chemistry, 2011, 21, 14013.	6.7	15
57	Defects in scandium doped barium zirconate studied by Sc-45 NMR. Solid State Ionics, 2011, 192, 83-87.	2.7	15
58	Electromotive force measurements of LiCoO2 electrode on a lithium ion-conducting glass ceramics under mechanical stress. Solid State Ionics, 2016, 285, 75-78.	2.7	14
59	Operando Observation of Formation and Annihilation of Inhomogeneous Reaction Distribution in a Composite Electrode for Lithiumâ€Ion Batteries. Batteries and Supercaps, 2019, 2, 688-694.	4.7	14
60	Rate-Determining Process at Electrode/Electrolyte Interfaces for All-Solid-State Fluoride-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 30198-30204.	8.0	14
61	Thermodynamic Analysis Enables Quantitative Evaluation of Lattice Oxygen Stability in Li-Ion Battery Cathodes. ACS Energy Letters, 2022, 7, 1687-1693.	17.4	14
62	Electrical Conduction Properties of LaP3O9 Glass and Glass-Ceramics. Journal of the American Ceramic Society, 2005, 88, 3211-3214.	3.8	13
63	Effect of Mechanical Stress on Lithium Chemical Potential in Positive Electrodes and Solid Electrolytes for Lithium Ion Batteries. Electrochemistry, 2015, 83, 894-897.	1.4	13
64	Hydrogen isotope sensor using high temperature proton conductors. Solid State Ionics, 2004, 175, 491-495.	2.7	12
65	Charge-transfer reaction rate at the LiMn2O4 spinel oxide cathode/polymer electrolyte interface. Solid State Ionics, 2005, 176, 2377-2381.	2.7	12
66	Oxide ion and electron transport properties in lanthanum silicate oxyapatite ceramics. Solid State Ionics, 2014, 262, 555-558.	2.7	12
67	Chemically-induced expansion of Zr0.2Ce0.8O2â˜Î´. Solid State Ionics, 2014, 261, 1-4.	2.7	12
68	Oxygen Nonstoichiometry and Thermodynamic Explanation of Large Oxygenâ€Deficient Ruddlesdenâ€“Popper Oxides La_xSr_{3â˜x}Fe₂O_{7â˜Î´}. Journal of the American Ceramic Society, 2016, 99, 3792-3801.	3.8	12
69	Theoretical study on temperature effect of electronic structure and spin state in LaCoO3 by using density functional theory. Solid State Ionics, 2016, 285, 195-201.	2.7	12
70	Elasticâ€“Plastic Deformation of a Solid Electrolyte Interface Formed by Reduction of Fluoroethylene Carbonate: A Nanoindentation and Finite Element Analysis Study. Journal of Physical Chemistry C, 2020, 124, 22488-22495.	3.1	12
71	Adsorptive Removal of Bisphenol A by Calix[4]crown Derivatives: Significant Contribution of Hydrogen Bonding Interaction to the Control of Adsorption Behavior. Chemistry Letters, 2005, 34, 1030-1031.	1.3	11
72	Electronic structures of partially fluorinated lithium manganese spinel oxides and their electrochemical properties. Journal of Power Sources, 2009, 189, 599-601.	7.8	11

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73	Cathode having high rate performance for a secondary Li-ion cell surface-modified by aluminum oxide nanoparticles. Journal of Power Sources, 2009, 189, 471-475.	7.8	11
74	Evaluation of the effective reaction zone in a composite cathode for lithium ion batteries. Solid State Ionics, 2014, 262, 66-69.	2.7	11
75	Simulation of oxygen diffusion process on electrical conductivity relaxation. Solid State Ionics, 2014, 262, 696-700.	2.7	11
76	Dependence of property, cathode characteristics, thermodynamic stability, and average and local structures on heat-treatment condition for LiNi0.5Mn0.5O2 as a cathode active material for Li-ion battery. Electrochimica Acta, 2011, 56, 9453-9458.	5.2	10
77	Local structural arrangements around oxygen and hydrogen-related defects in proton conducting LaP3O9 investigated by first principles calculations. International Journal of Hydrogen Energy, 2012, 37, 7995-8003.	7.1	10
78	Anomalous transport property at surface and interface of metal/rare earth doped ceria. Solid State Ionics, 2008, 179, 1343-1346.	2.7	9
79	Investigation of High Temperature Elastic Modulus and Internal Friction of SOFC Electrolytes Using Resonance Method. ECS Transactions, 2009, 25, 1673-1677.	0.5	8
80	Development of in situ soft X-ray absorption spectroscopic technique under high temperature and controlled atmosphere. Solid State Ionics, 2014, 262, 911-913.	2.7	8
81	High-valence-state manganate(<scp>v</scp>) Ba₃Mn₂O₈ as an efficient anode of a proton-conducting solid oxide steam electrolyzer. Inorganic Chemistry Frontiers, 2019, 6, 1587-1597.	6.0	8
82	SYNTHESIS AND ELECTRICAL CONDUCTIVITY OF TETRA-VALENT CERIUM POLYPHOSPHATE BULKS. Phosphorus Research Bulletin, 2009, 23, 20-24.	0.6	7
83	Electrochemical Analysis on Degradation of Ni-GDC Cermet Anode for SOFC. ECS Transactions, 2009, 25, 1939-1944.	0.5	7
84	Transient shift of local oxygen potential in nonstoichiometric oxides upon application of mechanical stress. Journal of Electroceramics, 2014, 32, 78-85.	2.0	7
85	Tailoring the chemical stability of cobalt-rich perovskite mixed conductor. Solid State Ionics, 2016, 288, 2-5.	2.7	7
86	Electrical conduction in Sr-doped (La0.99Ce0.01)PO4. Solid State Ionics, 2005, 176, 2875-2879.	2.7	6
87	Experimental Evaluation of Influence of Stress on Li Chemical Potential and Phase Equilibrium in Two-phase Battery Electrode Materials. Electrochemistry, 2021, 89, 355-362.	1.4	6
88	High Temperature Protonic Conduction in Sr-doped NdPO4.. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2002, 49, 856-860.	0.2	5
89	High-Temperature Defect and Crystal Structure of Perovskite Type Oxide Ion Conductor La0.8Sr0.2Ga0.8Mg0.15Co0.05O3-Î´. ECS Transactions, 2009, 25, 1701-1708.	0.5	5
90	Hydrogen Permeation Properties in (Ce,Sr)PO[sub 4]. Electrochemical and Solid-State Letters, 2009, 12, B43.	2.2	5

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91	Defect chemistry and thermodynamic properties of proton dissolution into BaZr 0.9 Y 0.1 O 3â^'Î´. Solid State Ionics, 2017, 303, 12-15.	2.7	5
92	Adsorptive Removal of Endocrine Disrupting Chemicals by Calix[4]crown Oligomer: Significant Improvement of Removal Efficiency by Oligomerization. Chemistry Letters, 2006, 35, 254-255.	1.3	4
93	Proton-Electron Mixed Conduction Properties in (Ce,Sr)PO4. ECS Transactions, 2008, 13, 337-345.	0.5	4
94	Control of mixed protonic and electronic conductivity by mixing rare-earth ortho-borates. Solid State Ionics, 2011, 192, 275-278.	2.7	4
95	Anelastic properties of La0.6Sr0.4Co1â^'Fe O3- at high temperatures. Solid State Ionics, 2014, 262, 337-339.	2.7	4
96	Mechanism of Chromium Poisoning in SOFC Cathode Investigated by Using Pattern Thin Film Model Electrode. ECS Transactions, 2017, 78, 965-970.	0.5	4
97	The influence of crystal orientation on the change in Li chemical potential of LiCoO2 under mechanical stress. Solid State Ionics, 2017, 299, 8-12.	2.7	4
98	Synthesis of lithium manganese spinel by the hydrothermal method.. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 1998, 45, 758-762.	0.2	3
99	Electronic and Local Structures of La1-x SrxCoO3-Î´ Studied by In-Situ Micro XAS Measurements. ECS Transactions, 2008, 13, 161-164.	0.5	3
100	Electrical conduction and mass transport properties of SrZr0.99Fe0.01O3â^'Î´. Solid State Ionics, 2010, 181, 868-873.	2.7	3
101	Oxygen Reduction at the Surface and the Hetero-Interface of La-Sr-Co-O-Oxides. ECS Transactions, 2010, 28, 59-70.	0.5	3
102	Mechanical Properties of Ce0.9Gd0.1O2-Î´ at High Temperatures under Controlled Atmospheres. ECS Transactions, 2011, 35, 1145-1149.	0.5	3
103	Electrical conductivities of strontium-doped rare earth ultraphosphates and oxyphosphates. Journal of Electroceramics, 2012, 29, 29-36.	2.0	3
104	Contribution of Triple-Phase Boundary Reaction in Cathodic Reaction of Solid Oxide Fuel Cell. ECS Transactions, 2017, 78, 847-853.	0.5	3
105	Effect of post-deposition annealing in oxygen atmosphere on LiCoMnO4 thin films for 5â€V lithium batteries. Thin Solid Films, 2019, 686, 137433.	1.8	3
106	Evaluation of Reaction Mechanism of PCFC Composite Cathodes by Utilizing Patterned Thin Film Model Electrodes. ECS Transactions, 2021, 103, 1745-1751.	0.5	3
107	An appropriate reference and counter electrode in an all-solid-state battery using NASICON-structured solid electrolyte. Electrochemistry Communications, 2021, 130, 107108.	4.7	3
108	The Synthesis of New Bismuth Basic Nitrate Complex Oxides by the Soft Processing. BiO(NO3)-KOH-H2O System.. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2002, 49, 593-599.	0.2	2

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109	Preparation of Proton Conducting Sr-Doped LaPO4 Ceramics with the Spark Plasma Sintering Method. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2003, 50, 1071-1078.	0.2	2
110	High Temperature Protonic Conduction in Aragonite-Type NdBO3. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2004, 51, 410-414.	0.2	2
111	Material Stability and Cation Transport of La_{0.6}Sr_{0.4}Co_{0.2}Fe_{0.8}O_{3-Î´} in SOFC Cathodic Conditions. ECS Transactions, 2011, 35, 2249-2253.	0.5	2
112	Editorial for the JECR special issue on electro-chemo-mechanics. Journal of Electroceramics, 2014, 32, 1-2.	2.0	2
113	Effect of a (La,Sr) 2 CoO 4 Phase on the Oxygen Exchange Reaction of Dense and Porous (La,Sr)CoO 3 Electrodes. ECS Transactions, 2017, 77, 9-14.	0.5	2
114	Energy-Loss Near-Edge Structures and Low-Loss Structures of Polymers in a Solid Electrolyte Interface Formed from Fluoroethylene Carbonate on a Si Anode Clarified by DFT Calculations. Journal of Physical Chemistry C, 2021, 125, 3890-3900.	3.1	2
115	Chemomechanical Simulation of LiF-Rich Solidâ€“Electrolyte Interphase Formed from Fluoroethylene Carbonate on a Silicon Anode. ACS Applied Energy Materials, 2021, 4, 3231-3239.	5.1	2
116	Computational Investigation of Lithium-Ion Transport Mechanisms in Perfluoropolyether Polymers. Journal of Physical Chemistry C, 2022, 126, 10237-10247.	3.1	2
117	Morphologic and crystallographic studies on electrochemically formed chromium nitride films. Electrochimica Acta, 2007, 53, 122-126.	5.2	1
118	Materials Properties for the Simulation of Electro-Chemo-Mechanical Coupling Behavior of SOFC. ECS Transactions, 2017, 78, 2309-2316.	0.5	1
119	Correlation between Electrode Reaction and Chromium Deposition in SOFC Cathodes. ECS Transactions, 2019, 91, 1231-1237.	0.5	1
120	Evaluation of the Electronic and Local Structure of Mn in Proton-Conducting Oxide, Ca(Zr,Mn)O_{3â^'Î´}, To Elucidate a Direct Hydrogen Dissolution Reaction. Journal of Physical Chemistry C, 2019, 123, 16034-16045.	3.1	1
121	Protonic Conduction in LaPO4-based Ceramics.. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 1999, 46, 207-211.	0.2	0
122	Reseach of A New Low Temperature Processing Route of Lithium-Manganese Spinel using Reaction in Aqueous Solution.. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2001, 48, 1139-1144.	0.2	0
123	Synthesis and Characterization of Lithium-Manganese Spinel by Hydrothermal Method in Mixed Lithium-Alkaline Aqueous Solution.. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2001, 48, 830-835.	0.2	0
124	The Synthesis of New Bismuth Basic Nitrate Complex Oxides by the Soft Processing. (II). .ALPHA.-Bi2O3-HNO3-H2O System.. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2002, 49, 1082-1088.	0.2	0
125	Studies on Defect Structures of (La,Sr)2NiO4 by Using X-ray Absorption Spectroscopy. ECS Transactions, 2008, 13, 195-200.	0.5	0
126	Mechanical Properties of La0.6Sr0.4Co1-yFeyO3-Î´ under Various Temperatures and Oxygen Partial Pressures. ECS Transactions, 2011, 35, 2429-2434.	0.5	0

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127	Protonic conduction in SmBO3 with high-temperature phase. Solid State Ionics, 2016, 285, 170-174.	2.7	0
128	Dynamic X-ray Spectroscopy of La0.6Sr0.4CoO3-Î´ Thin Film Electrodes. ECS Transactions, 2019, 91, 1387-1395.	0.5	0
129	In Situ Evaluation of the Influence of Interstitial Oxygen on the Elastic Modulus of La2NiO4. Metals, 2021, 11, 1889.	2.3	0
130	High-temperature ionic logic gates composed of an ionic rectifying solidâ€“electrolyte interface. RSC Advances, 2022, 12, 18501-18506.	3.6	0