Takuya Hashimoto

List of Publications by Year
in descending order

147 papers	2,838 citations	201674 27 h-index	206112 48 g-index
151 all docs	151 docs citations	151 times ranked	2454 citing authors

#	Article	IF	Citations
1	Relationship among the local structure, chemical state of Fe ions in Fe-O polyhedra, and electrical conductivity of cubic perovskite Ba1â˜'Sr Fe0.9In0.1O3â˜'Î´ with varying number of oxide ion vacancies. Materials Research Bulletin, 2021, 133, 111063.	5.2	3
2	Thermodynamics and kinetics analyses of high CO₂ absorption properties of Li₃NaSiO₄ under various CO₂ partial pressures. Dalton Transactions, 2021, 50, 5301-5310.	3.3	5
3	Evaluation of stability of Pr2â˜'xNdxNiO4+Î´ by thermogravimetry under various oxygen partial pressures. Journal of Thermal Analysis and Calorimetry, 2020, 142, 139-147.	3.6	4
4	Thermodynamic analyses of the orthorhombic-to-tetragonal phase transition in Pr2â˜'xNdxNiO4+Î´ under controlled oxygen partial pressures. Dalton Transactions, 2020, 49, 11931-11941.	3.3	1
5	Oxygen absorption and desorption behavior of Ba0.5La0.5FeO3- and its effect on crystal structure and electrical conduction properties. Solid State Ionics, 2020, 346, 115191.	2.7	6
6	Synthesis of Ba_{1â˜'}<i>_xLn_x</i>FeO_{3â˜'Î} and BaFe_{1â˜'}<i>_xLn_x</i>O_{3â˜'Î} (Ln: lanthanoid or Y) with cubic perovskite structures and disordered oxide ion vacancies: Effect of ionic radius on substitution site and crystal structure. Journal of the Ceramic Society of Japan, 2020, 1	1	0
7	Thermal analysis of structural phase transition behavior of Ln2Ni1â˜'xCuxO4+Î´ (Lnâ€‰=â€‰Nd, Pr) under various oxygen partial pressures. Journal of Thermal Analysis and Calorimetry, 2019, 135, 2765-2774.	3.6	13
8	Variation in crystal structure of Ln₂Ni_{1â˜'}_xCu_xO_{4+Î´} (Ln: La, Pr, Nd, Sm, Eu, and their solid solution) based on type of Ln: Relationship between crystal structure and tolerance factor. Journal of the Ceramic Society of Japan, 2019, 127, 678-687.	1.1	3
9	Investigation of the arrangement of oxide ion vacancies and their effect on the crystal structure of BaFe_{0.9}In_{0.1}O_{3â˜'}_{Î´}. Journal of the American Ceramic Society, 2019, 102, 4427-4430.	3.8	7
10	Construction of structural phase diagram of Nd2Ni1-Cu O4+ and effect of crystal structure and phase transition on electrical conduction behavior. Materials Research Bulletin, 2019, 111, 61-69.	5.2	10
11	Preparation of Ba1â˜'La FeO3â˜' (xâ€¯=â€¯0.1â€“0.6) with cubic perovskite phase and random distribution of oxide ion vacancy and their electrical conduction property and thermal expansion behavior. Solid State Ionics, 2018, 320, 76-83.	2.7	15
12	Evaluation of reaction kinetics of CO 2 and Li 4 SiO 4 by thermogravimetry under various CO 2 partial pressures. Materials Research Bulletin, 2018, 97, 56-60.	5.2	22
13	Enhancement of the oxygen desorption/absorption property of BaFe_{1â˜'x}In_xO_{3â˜'Î´} by In substitution for Fe site. Journal of the American Ceramic Society, 2018, 101, 1696-1703.	3.8	18
14	Analysis of phase transition by variation of oxide ion content in BaFe0.9In0.1O3â˜' as oxygen storage material using MÃ¶ssbauer spectroscopy â€“ Discovery of magnetic phase transition with cubic structure maintained. Materials Letters, 2018, 228, 497-499.	2.6	4
15	Preparation of Structural Phase Diagram of Nd2Ni1-XCuxO4+Î´As New Cathode Materials â€“ Clarification of Existence of Miscibility Gap. ECS Transactions, 2017, 78, 603-612.	0.5	1
16	Preparation of Structural Phase Diagram of Ln₂Ni_{1-X}Cu_xO_{4+Î´}(Ln=La, Pr, Nd,) Tj ETQq0 0 0 rgBT /Overlock Transactions, 2017, 78, 613-622.	0.5	3
17	Analysis of chemical reaction between Li 4 SiO 4 and CO 2 by thermogravimetry under various CO 2 partial pressuresâ€”Clarification of CO 2 partial pressure and temperature region of CO 2 absorption or desorption. Materials Research Bulletin, 2017, 94, 134-139.	5.2	19
18	Effect of chemical state and occupation site of RE (RE = Yb, Y, Eu, Sm, Nd) on crystal structure and optical property of BaCe 1-x RE x O 3-Î´ â€”Analyses of origin of peculiar crystal structure and property of BaCe 1-x Nd x O 3-Î´. Materials Research Bulletin, 2017, 87, 6-13.	5.2	2

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19	Crystal structure, thermal expansion and electrical conduction behavior of PrNi_{1−}_xFe_xO_{3−δ} at high temperature. Journal of the Ceramic Society of Japan, 2017, 125, 227-235.	1.1	3
20	Relationship Between the Arrangement of Oxide Ion Vacancies and Oxide Ion Conduction in Ba₂(Fe_{0.9}In_{0.1})₂O_{5 + Î´}. Journal of the American Ceramic Society, 2016, 99, 1866-1869.	3.8	10
21	Dependence of crystal structure, phase transition temperature, chemical state of Fe, oxygen content and electrical conductivity of Ba2-La Fe2O5+ (x= 0.00â€“0.15) on La content. Solid State Ionics, 2016, 290, 71-76.	2.7	10
22	Evaluation and Control of Thermal Expansion of Materials. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2016, 67, 122-127.	0.2	0
23	Dependence of thermal expansion of LaNi0.6Fe0.4O3â¯ and La0.6Sr0.4Co0.2Fe0.8O3â¯ on oxygen partial pressure. Solid State Ionics, 2016, 285, 187-194.	2.7	18
24	Analysis of oxidation decomposition reaction scheme and its kinetics of delafossite-type oxide CuLaO2 by thermogravimetry and high-temperature X-ray diffraction. Journal of Thermal Analysis and Calorimetry, 2016, 123, 1833-1839.	3.6	3
25	Synthesis of high-purity Li8ZrO6 powder by solid state reaction under hydrogen atmosphere. Fusion Engineering and Design, 2016, 109-111, 1739-1743.	1.9	8
26	Analysis of thermal stability of LaNi1â¯xFexO3â¯Î´ (xÂ=Â0.0, 0.2, 0.4) by thermogravimetry and high-temperature X-ray diffraction under controlled oxygen partial pressures. Journal of Thermal Analysis and Calorimetry, 2016, 123, 1769-1775.	3.6	4
27	Dependence of crystal symmetry, electrical conduction property and electronic structure of LnFeO₃ (Ln: La, Pr, Nd, Sm) on kinds of Ln³⁺. Journal of the Ceramic Society of Japan, 2015, 123, 501-506.	1.1	13
28	Prevention of Sulfur Poisoning and Performance Recovery of Sulfur-Poisoned-Anode Electrode by Shifting Anode Electrode Potential. Journal of the Electrochemical Society, 2015, 162, F1107-F1113.	2.9	6
29	Li vaporization property of two-phase material of Li2TiO3 and Li2SiO3 for tritium breeder. Fusion Engineering and Design, 2015, 98-99, 1859-1863.	1.9	12
30	Oxygen nonstoichiometry and electrical conductivity of LaNi0.6Fe0.4O3â¯ at high temperatures under various oxygen partial pressures. Solid State Ionics, 2015, 274, 119-122.	2.7	10
31	Electrical conduction mechanism of LaNixMe1â¯xO3â¯Î´ (Me=Fe, Mn). Materials Research Bulletin, 2015, 70, 241-247.	5.2	10
32	Fabrication and crystal structure of [ABO₃/REMO₃] (A = Ca, La, B = Fe, Mn, RE =) Tj ETQq0 0 0 rgBT /Overlock method. Japanese Journal of Applied Physics, 2014, 53, 05FB12.	1.5	2
33	Pore size dependence of self-assembled type photonic crystal on dye-sensitized solar cells efficiency utilising Chlorine e6. Journal of Porous Materials, 2014, 21, 165-176.	2.6	9
34	Thermodynamic analyses of structural phase transition of Pr2NiO4+Î´ involving variation of oxygen content. Thermochimica Acta, 2014, 575, 129-134.	2.7	25
35	Structural phase relationship, sintering behavior and conducting property of Ba1â¯xSrxZr0.9Y0.1O3â¯Î´. Solid State Ionics, 2014, 264, 17-21.	2.7	1
36	Analysis of structural phase transition behavior of Ln2NiO4+ (Ln: Nd, Pr) with variation of oxygen content. Solid State Ionics, 2014, 262, 724-727.	2.7	8

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37	Preparation of Dense Ba1^|^minus;xSrxZr1^|^minus;yYyO3^|^minus;^|^delta; (y = 0.0, 0.1) Ceramics by Pechini Method. Electrochemistry, 2014, 82, 833-838.	1.4	2
38	Evidence of variation of oxide ion content in structural phase transition of Ba2Fe2O5+ observed by simultaneous TG-DTA-MS measurements. Thermochimica Acta, 2013, 574, 151-153.	2.7	8
39	Photoluminescence properties of CuLa1â^'xLnxO2 (Ln: lanthanide)â€"intense and peculiar luminescence from Ln3+ at the site with inversion symmetry. Journal of Luminescence, 2013, 133, 217-221.	3.1	14
40	Evaluation of kinetic stability against CO2 and conducting property of BaCe0.9â^'xZrxY0.1O3â^'Î´. Journal of Thermal Analysis and Calorimetry, 2013, 113, 1269-1274.	3.6	12
41	Sintering temperature dependence of conductivity, porosity and specific surface area of LaNi0.6Fe0.4O3 ceramics as cathode material for solid oxide fuel cellsâ€"Superiority of Pechini method among various solution mixing processes. Materials Research Bulletin, 2013, 48, 1-6.	5.2	35
42	Chemical state of Fe in LaNi1â€‰â^'â€‰x Fe x O3 and its effect on electrical conduction property. , 2013, , 343-346.		0
43	Growth and Evaluation of [AFeOx/REFeO3] (A=Ca, Sr, RE=La, Bi) Superlattices by Pulsed Laser Deposition Method Using High Density Targets Prepared by Pechini Method. Materials Research Society Symposia Proceedings, 2012, 1454, 161-166.	0.1	2
44	Kinetics and Mechanism of Chemical Reaction of <scp><scp>CO</scp></scp>₂ and <scp><scp>Ba</scp></scp>₂<scp><scp>Fe</scp></scp>₂<scp><scp>O</scp></scp>₅ Under Various <scp><scp>CO</scp></scp>₂ Partial Pressures. Journal of the American Ceramic Society, 2012, 95, 3634-3637.	3.8	18
45	Evaluation of Specific Surface Area and Pore Size Distribution of <scp><scp>La</scp><scp>Ni</scp></scp>_{0.6}<scp><scp>Fe</scp></scp>_{0.4}<scp><scp>O</scp></scp><sub Ceramics Prepared using Pechini Method by <scp><scp>N</scp></scp>₂ Adsorption Methodâ€"Optimization of Sintering Temperature as Cathode Material of Solid Oxide Fuel Cells. Journal of the American Ceramic Society, 2012, 95, 3802-3806.	3.8	14
46	Analysis of structural phase transition from monoclinic Ba2Fe2O5 to cubic Ba2Fe2O5+. Thermochimica Acta, 2012, 549, 110-115.	2.7	12
47	Growth Difference of LaFeO₃ Thin Films by Pulsed Laser Deposition Method Using the Targets Prepared by Pechini and Conventional Solid Solution Methods. Transactions of the Materials Research Society of Japan, 2012, 37, 369-372.	0.2	4
48	Chemical state of Fe in LaNi1â€‰â^'â€‰x Fe x O3 and its effect on electrical conduction property. Hyperfine Interactions, 2012, 206, 47-50.	0.5	8
49	151Eu MÃ¶ssbauer measurements of CuLa1â€‰â^'â€‰x Eu x O2 with luminescent property. Hyperfine Interactions, 2012, 208, 25-28.	0.5	0
50	Near infrared luminescence of CuLa1â^'xLnxO2 (Ln: lanthanide ions) due to 4f transitions of Ln3+ in the site with inversion symmetry. Materials Letters, 2012, 75, 225-228.	2.6	0
51	The crystal structure and electrical conductivity of proton conducting Ba0.6Sr0.4Zr1â^'yYyO3â^'Î´. Solid State Ionics, 2012, 206, 91-96.	2.7	3
52	Evaluation of thermodynamic and kinetic stability of P-type transparent conducting oxide, SrCu2O2 under various oxygen partial pressures. Thermochimica Acta, 2012, 532, 45-48.	2.7	3
53	Phase transition behavior of mother phase of proton-conducting oxides, Sr1â^'xBaxZrO3. Thermochimica Acta, 2012, 530, 58-63.	2.7	6
54	Effect of Li/Ti ratio on microstructure and thermal diffusivity of lithium titanate for solid breeding material. Fusion Engineering and Design, 2011, 86, 2643-2646.	1.9	15

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55	Preparation of BaCe1-xYxO3-.DELTA. single phase by liquid phase mixing method and its structural variation on Y content. Journal of the Ceramic Society of Japan, 2011, 119, 417-421.	1.1	6
56	<scp><scp>CO₂</scp></scp> Absorption and Desorption Properties of Single Phase <scp><scp>Ba₂Fe₂O₅</scp></scp> and Analysis of Their Mechanism Using Thermodynamic Calculation. Journal of the American Ceramic Society, 2011, 94, 3675-3678.	3.8	23
57	Conductivity and sintering property of LaNi1â^'xFexO3 ceramics prepared by Pechini method. Solid State Ionics, 2011, 201, 87-93.	2.7	30
58	Structural analysis of Li2TiO3 by synchrotron X-ray diffraction at high temperature. Journal of Nuclear Materials, 2011, 417, 692-695.	2.7	4
59	Substitution site and photoluminescence spectra of Eu3+-substituted SrTiO3 prepared by Pechini method. Materials Letters, 2011, 65, 1819-1821.	2.6	19
60	Optical properties of photoluminescent polycrystalline CuLa0.98Eu0.02O2 thin film prepared by pulsed laser deposition at room temperature. Materials Letters, 2011, 65, 2492-2494.	2.6	4
61	Low Temperature Preparation of LaNi1-xFexO3 as New Cathode Material for SOFC - Advantage of Liquid Phase Mixing Method -. ECS Transactions, 2011, 35, 1935-1943.	0.5	3
62	Comparison of the Photoelectrochemical Characteristics of Dye-Sensitized Inverse-Opal Electrodes Prepared by Various Liquid-Phase Methods. Journal of New Materials for Electrochemical Systems, 2011, 14, 229-236.	0.6	2
63	151Eu MÃ¶ssbauer measurements of CuLa1â€‰â^'â€‰x Eu x O2 with luminescent property. , 2011, , 605-608.		0
64	Orange luminescence of Eu3+-doped CuLaO2 delafossite oxide. Journal of the Ceramic Society of Japan, 2010, 118, 1217-1220.	1.1	24
65	Investigation of structural phase transition behavior of SrZrO3 by thermal analyses and high-temperature X-ray diffraction. Solid State Ionics, 2010, 181, 1091-1097.	2.7	24
66	Neutron diffraction study of the crystal structure and structural phase transition of La0.7Ca0.3â^'xSrxCrO3 (0â‰¤xâ‰¤0.3). Journal of Solid State Chemistry, 2010, 183, 392-401.	2.9	6
67	Evaluation of thermodynamic and kinetic stability of CuAlO2 and CuGaO2. Journal of Thermal Analysis and Calorimetry, 2010, 99, 57-63.	3.6	38
68	Preparation of LaNi1â^'xFexO3 single phase and characterization of their phase transition behaviors. Solid State Ionics, 2010, 181, 1771-1782.	2.7	23
69	Phase Transition Behavior of Proton Conducting Oxides, Sr1-xBaxZrO3. ECS Transactions, 2010, 28, 251-258.	0.5	2
70	Photoinduced Phase Transformations in Boron Nitride: New Polytypic Forms of sp³-Bonded (6H- and 30H-) BN. Journal of Physical Chemistry C, 2010, 114, 13176-13186.	3.1	11
71	Analysis of phase transition behavior of BaCeO3 with thermal analyses and high temperature X-ray diffraction. Solid State Ionics, 2009, 180, 1034-1039.	2.7	28
72	Crystal structure of advanced lithium titanate with lithium oxide additives. Journal of Nuclear Materials, 2009, 386-388, 1098-1101.	2.7	17

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73	P-type sp3-bonded BN/n-type Si heterodiode solar cell fabricated by laserâ€“plasma synchronous CVD method. Journal Physics D: Applied Physics, 2009, 42, 225107.	2.8	6
74	Construction of Structural Phase Diagram of LaGa1-xMgxO3-.DELTA. by Using Various Diffraction Measurements and Thermal Analyses-Effect of Long Period Anti-Phase Domain Structure on Phase Diagram-. Electrochemistry, 2009, 77, 169-177.	1.4	0
75	Crystal Structure and Thermal Expansion Behavior of La0.7Sr0.3Ga0.7Fe0.2Mg0.1O3-.DELTA. at High Temperature-Effect of Chemical State of Fe and Oxygen Nonstoichiometry-. Electrochemistry, 2009, 77, 127-130.	1.4	1
76	Structural analysis of oxide ion conductor, Ba2-xSrxIn2O5 and Ba2In2-xGaxO5 - Significance of synchrotron X-ray diffraction at high temperatures. Journal of the Ceramic Society of Japan, 2009, 117, 56-59.	1.1	1
77	Analysis of crystal structure and phase relationship of Ba2-xLaxIn2O5+.DELTA. by high temperature synchrotron X-ray diffraction and thermal analyses - Control of electrical conductivity and crystal structure by concentration of oxide ion vacancy. Journal of the Ceramic Society of Japan, 2009, 117, 60-65.	1.1	1
78	Calculation of Photonic Energy Bands of TiO₂ Hollow Spherical Arrays. Journal of Nanoscience and Nanotechnology, 2009, 9, 185-189.	0.9	5
79	Analysis of phase transition and expansion behaviour of Al₂(WO₄)₃ by temperatureâ€regulated Xâ€ray diffraction. Physica Status Solidi (B): Basic Research, 2008, 245, 2504-2508.	1.5	9
80	Effect of oxygen nonstoichiometry on electrical conduction property of BaBiO3â˜Î´. Journal of Physics and Chemistry of Solids, 2008, 69, 284-288.	4.0	8
81	Analysis of relationship between magnetic property and crystal structure of La1â˜Sr CrO3 (<mml:math) Tj ETQq1 1 0.784314 rgBT /Ov	1.9	8
82	Analysis of structural and magnetic phase transition behaviors of La1â˜xSrxCrO3 by measurement of heat capacity with thermal relaxation technique. Thermochimica Acta, 2008, 474, 57-61.	2.7	7
83	Preparation of La[sub 1â˜xâ˜y]Ca[sub x]Sr[sub y]CrO[sub 3] with High-Density Structural Phase Transition and Electrical Conduction Properties. Journal of the Electrochemical Society, 2008, 155, A395.	2.9	6
84	Space Group Determination of Al2(WO4)3using Convergent-Beam Electron Diffraction. Japanese Journal of Applied Physics, 2008, 47, 4664-4668.	1.5	4
85	Relationship between Magnetic Property and Structural Phase Transition of La1-xSrxCrO3. Nihon Kessho Gakkaishi, 2008, 50, 144-149.	0.0	0
86	Analysis of Structural Phase Transition Behavior of La1-x-yCaxSryCrO3. ECS Transactions, 2007, 7, 2417-2425.	0.5	0
87	Improvement of Sintering Property of LaCrO3 System by Simultaneous Substitution of Ca and Sr. Journal of the Ceramic Society of Japan, 2007, 115, 81-84.	1.3	8
88	Thermal Expansion and Phase Transition Behavior of Al2-xMx(WO4)3 (M=Y, Ga and Sc) Ceramics. Journal of the Ceramic Society of Japan, 2007, 115, 176-181.	1.3	24
89	Investigation of phase transition in Li2TiO3 by high temperature X-ray diffraction. Journal of Nuclear Materials, 2007, 367-370, 1052-1056.	2.7	22
90	Discovery of new phase and analysis of phase relationships in BaBiO3 with thermal analyses. Thermochimica Acta, 2005, 431, 33-37.	2.7	0

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91	DSC, DTA and TG studies on structural phase transitions in Tl2ZnCl4. Thermochimica Acta, 2005, 431, 73-75.	2.7	4
92	Analysis of magnetic and structural phase transition behaviors of La1â˜'xSrxCrO3 for preparation of phase diagram. Thermochimica Acta, 2005, 435, 222-229.	2.7	24
93	Analysis of the Effect of the Oxide Ion Vacancy on the Crystal Structure of La_{1-x}Ca_xCrO_{3-Î´} by High-Temperature X-Ray Diffraction under Various Oxygen Partial Pressures. Defect and Diffusion Forum, 2005, 242-244, 9-16.	0.4	2
94	Structural Analysis of Ce[sub 1â˜'x]M[sub x]O[sub 2â˜'0.5xâ˜'Î´] (M=Gd,Sm,Y) by High Temperature XRD under Various Oxygen Partial Pressures. Journal of the Electrochemical Society, 2004, 151, E46.	2.9	22
95	The electrical conductivity and structural phase transitions of cation-substituted Ba2In2O5. Solid State Ionics, 2004, 169, 9-13.	2.7	35
96	Crystal structure and phase transition behavior of LaSrGaMgO. Solid State Ionics, 2004, 174, 193-203.	2.7	21
97	Preparation of Dense ZrO2/ZrW2O8 Cosintered Ceramics with Controlled Thermal Expansion Coefficients. Journal of the Ceramic Society of Japan, 2004, 112, 271-275.	1.3	33
98	Observation of Two Kinds of Structural Phase Transitions in the Ba2In2O5 System.. ChemInform, 2003, 34, no.	0.0	0
99	Expansion Behavior of Ce[sub 1â˜'y]Gd[sub y]O[sub 2.0â˜'0.5yâ˜'Î´] under Various Oxygen Partial Pressures Evaluated by HTXRD. Journal of the Electrochemical Society, 2003, 150, A952.	2.9	58
100	Observation of Two Kinds of Structural Phase Transitions in the Ba[sub 2]In[sub 2]O[sub 5] System. Journal of the Electrochemical Society, 2002, 149, A1381.	2.9	28
101	Press-Free Preparation Method of Dense Negative-Thermal-Expansion Oxide, Zr1-xYxW2O8-.DELTA. (x=0.00-0.02) Ceramic Using Reactive Sintering.. Journal of the Ceramic Society of Japan, 2002, 110, 807-812.	1.3	6
102	Thermal Analysis of Phase Transition in Negative-Thermal-Expansion Oxide, ZrW2O8. Detection of Trace Amount of H2O and .LAMBDA.-Type Transition.. Journal of the Ceramic Society of Japan, 2002, 110, 823-825.	1.3	9
103	Preparation of Dense Negative-Thermal-Expansion Oxide by Rapid Quenching of ZrW2O8 Melt.. Journal of the Ceramic Society of Japan, 2002, 110, 544-548.	1.3	12
104	Determination of space group of BaPb0.75Bi0.25O3 by convergent-beam electron diffraction. Physica C: Superconductivity and Its Applications, 2002, 382, 422-430.	1.2	2
105	Refinement of crystal structural parameters and charge density using convergent-beam electron diffraction â€“ the rhombohedral phase of LaCrO3. Acta Crystallographica Section A: Foundations and Advances, 2002, 58, 514-525.	0.3	53
106	Determination of the crystal system and space group ofBaBiO3by convergent-beam electron diffraction and x-ray diffraction using synchrotron radiation. Physical Review B, 2001, 64, .	3.2	11
107	Electronic conductivity, Seebeck coefficient, defect and electronic structure of nonstoichiometric La1Ã¢ÂˆÂ'xSrxMnO3. Solid State Ionics, 2000, 132, 167-180.	2.7	198
108	Absorption and secession of H2O and CO2 on Ba2In2O5 and their effects on crystal structure. Solid State Ionics, 2000, 128, 227-231.	2.7	53

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109	The Effect of Defect Structure on Electrical Conductivity and Thermoelectric Power of La₂₋_xSr_xCuO₄₋_{Î´} at High Temperatures. Electrochemistry, 2000, 68, 507-514.	1.4	7
110	Determination of the Space Group of LaCrO[sub 3] by Convergent-Beam Electron Diffraction. Journal of the Electrochemical Society, 2000, 147, 4408.	2.9	16
111	Electrical and Ionic Conductivity of Gd-Doped Ceria. Journal of the Electrochemical Society, 2000, 147, 3606.	2.9	274
112	Oxygen nonstoichiometry of Ce1â^'ySmyO2â^'0.5yâ^'x (y=0.1, 0.2). Solid State Ionics, 1999, 126, 349-357.	2.7	62
113	Pressure-induced structural phase transition of LaCrO3. Solid State Communications, 1998, 108, 691-694.	1.9	34
114	Preparation of Dense BaPb_{0.75}Bi_{0.25}O₃ Ceramic by Controlling the Defect Structure. Journal of the Ceramic Society of Japan, 1998, 106, 778-781.	1.3	1
115	Nonstoichiometry of Ce0.8Gd0.2â€‰Oâ€‰1.9â€‰â^'â€‰x. Journal of the Electrochemical Society, 1997, 144, 4076-4080.	2.9	68
116	Oxygen deficiency, crystal system and conduction behavior of BaPb0.75Bi0.25O3-Î´. AIChE Journal, 1997, 43, 2865-2869.	3.6	3
117	Defect Chemistry of La2â^'xSrxCuO4â^'Î´: Oxygen Nonstoichiometry and Thermodynamic Stability. Journal of Solid State Chemistry, 1997, 131, 150-159.	2.9	65
118	Reversible structural phase transition of BaPb0.75Bi0.25O3.00 around 360Â°C. Physica C: Superconductivity and Its Applications, 1995, 246, 228-234.	1.2	1
119	Analysis of role of oxygen deficiency in crystal structure and conduction mechanism of BaBi0.25Pb0.75O3 â^' Î´. Journal of Physics and Chemistry of Solids, 1995, 56, 777-785.	4.0	11
120	Coexistence of electrons and holes inBaBi0.25Pb0.75O3â^'Î´detected by thermoelectric-power measurements. Physical Review B, 1995, 51, 576-580.	3.2	16
121	Effects of substitution of Bi with Pb in BaBi1â^'xPbxO3 on crystal structure and conduction behavior. Physica C: Superconductivity and Its Applications, 1994, 223, 131-139.	1.2	31
122	Effect of oxygen-deficiency on the structure and conduction behavior of BaPb0.75Bi0.25O3â^'Î´. Solid State Communications, 1993, 87, 251-254.	1.9	17
123	New oxide phase with wide band gap and high electroconductivity CdGa2O4spinel. Applied Physics Letters, 1993, 62, 499-500.	3.3	79
124	Preparation of MgIn2O4-XThin Films on Glass Substrate by RF Sputtering. Japanese Journal of Applied Physics, 1993, 32, L1260-L1262.	1.5	65
125	New oxide phase Cd1â^'xYxSb2O6with a wide band gap and high electrical conductivity. Applied Physics Letters, 1993, 63, 3335-3337.	3.3	17
126	Chemical stability of CVD source materials for high-T_c superconducting films. Journal of Materials Research, 1992, 7, 1336-1340.	2.6	16

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127	Development and application of a microbeam plasma generator. Applied Physics Letters, 1992, 60, 816-817.	3.3	145
128	New oxide phase with wide band gap and high electroconductivity, MgIn2O4. Applied Physics Letters, 1992, 61, 1954-1955.	3.3	128
129	In situ RHEED and XPS studies on ceramic layer epitaxy in UHV system. AIP Conference Proceedings, 1991, , .	0.4	0
130	Preparation of SrCuOy film in ultra-high vacuum system. Solid State Ionics, 1991, 49, 183-186.	2.7	6
131	Photo-Absorption and photochemical decomposition of copper and alkaline-earth ÃŸ-diketonates as source gases of high-Tcsuperconducting films. Applied Organometallic Chemistry, 1991, 5, 325-330.	3.5	7
132	Low-temperature synthesis of BiSrCaCuO films by photo CVD method. Physica C: Superconductivity and Its Applications, 1991, 190, 143-144.	1.2	1
133	Preparation of Y-Cu-O/Ba-Cu-O Multilayered Thin Films and Thermal Diffusion Behavior of the Interface. Japanese Journal of Applied Physics, 1991, 30, 1676-1678.	1.5	1
134	Photo Chemical Vapor Deposition of Metal Oxide Films Relating to Bi-Sr-Ca-Cu-O Superconductor. Japanese Journal of Applied Physics, 1991, 30, 656-660.	1.5	7
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136	Purification and UV-VIS Light Absorption Property of Source Materials for CVD of High-TcSuperconducting Films. Japanese Journal of Applied Physics, 1990, 29, L2215-L2218.	1.5	14
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