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	Electrical and Ionic Conductivity of Gd-Doped Ceria. Journal of the Electrochemical Society, 2000, 147, 3606.	2.9	274
2	Electronic conductivity, Seebeck coefficient, defect and electronic structure of nonstoichiometric La1Ã¢Â^Â'xSrxMnO3. Solid State Ionics, 2000, 132, 167-180.	2.7	198
3	Development and application of a microbeam plasma generator. Applied Physics Letters, 1992, 60, 816-817.	3.3	145
4	New oxide phase with wide band gap and high electroconductivity, MgIn2O4. Applied Physics Letters, 1992, 61, 1954-1955.	3.3	128
5	HighTcSuperconductivity in Screen Printed Yb-Ba-Cu-O Films. Japanese Journal of Applied Physics, 1987, 26, L761-L762.	1.5	80
6	New oxide phase with wide band gap and high electroconductivity CdGa2O4spinel. Applied Physics Letters, 1993, 62, 499-500.	3.3	79
7	Nonstoichiometry of Ce0.8Gd0.2â€‰Oâ€‰1.9â€‰â^'â€‰x. Journal of the Electrochemical Society, 1997, 144, 4076-4080.	2.9	68
8	Preparation of MgIn2O4-XThin Films on Glass Substrate by RF Sputtering. Japanese Journal of Applied Physics, 1993, 32, L1260-L1262.	1.5	65
9	Defect Chemistry of La2â^'xSrxCuO4â^'Î´: Oxygen Nonstoichiometry and Thermodynamic Stability. Journal of Solid State Chemistry, 1997, 131, 150-159.	2.9	65
10	Chemical Interaction between Ba2YCu3O7-Î´and Substrate Materials in the Solid State. Japanese Journal of Applied Physics, 1988, 27, L1216-L1218.	1.5	63
11	Oxygen nonstoichiometry of Ce1â^'ySmyO2â^'0.5yâ^'x (y=0.1, 0.2). Solid State Ionics, 1999, 126, 349-357.	2.7	62
12	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
13	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
14	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
15	Thermal Expansion Coefficients of High-TcSuperconductors. Japanese Journal of Applied Physics, 1988, 27, L214-L216.	1.5	46
16	Evaluation of thermodynamic and kinetic stability of CuAlO2 and CuGaO2. Journal of Thermal Analysis and Calorimetry, 2010, 99, 57-63.	3.6	38
17	Thermodynamic Estimation of Oxidation Ability of Various Gases Used for the Preparation of Superconducting Films at High Vacuum. Japanese Journal of Applied Physics, 1991, 30, 1685-1686.	1.5	37
18	The electrical conductivity and structural phase transitions of cation-substituted Ba2In2O5. Solid State Ionics, 2004, 169, 9-13.	2.7	35

#	Article	IF	Citations
19	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
20	Pressure-induced structural phase transition of LaCrO3. Solid State Communications, 1998, 108, 691-694.	1.9	34
21	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
22	Some Problems in the Preparation of Superconducting Oxide Films on Ceramic Substrates. Japanese Journal of Applied Physics, 1987, 26, L763-L765.	1.5	31
23	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
24	Preparation of (La1-xSrx)2CuO4-Î´Superconducting Films by Screen Printing Method. Japanese Journal of Applied Physics, 1987, 26, L399-L401.	1.5	30
25	Superconductivity and Substrate Interaction of Screen-Printed Bi-Sr-Ca-Cu-O Films. Japanese Journal of Applied Physics, 1988, 27, L384-L386.	1.5	30
26	Conductivity and sintering property of LaNi1â^'xFexO3 ceramics prepared by Pechini method. Solid State Ionics, 2011, 201, 87-93.	2.7	30
27	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
28	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
29	Thermodynamic analyses of structural phase transition of Pr2NiO4+Î´ involving variation of oxygen content. Thermochimica Acta, 2014, 575, 129-134.	2.7	25
30	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
31	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
32	Orange luminescence of Eu3+-doped CuLaO2 delafossite oxide. Journal of the Ceramic Society of Japan, 2010, 118, 1217-1220.	1.1	24
33	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
34	Stabilization of Ba2YCu3O7-Î´by Surface Coating with Plasma Polymerized Fluorocarbon Film. Japanese Journal of Applied Physics, 1988, 27, L2088-L2090.	1.5	23
35	Preparation of LaNi1â^'xFexO3 single phase and characterization of their phase transition behaviors. Solid State Ionics, 2010, 181, 1771-1782.	2.7	23
36	<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

#	Article	IF	Citations
37	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
38	Investigation of phase transition in Li2TiO3 by high temperature X-ray diffraction. Journal of Nuclear Materials, 2007, 367-370, 1052-1056.	2.7	22
39	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
40	Crystal structure and phase transition behavior of LaSrGaMgO. Solid State Ionics, 2004, 174, 193-203.	2.7	21
41	Substitution site and photoluminescence spectra of Eu3+-substituted SrTiO3 prepared by Pechini method. Materials Letters, 2011, 65, 1819-1821.	2.6	19
42	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
43	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
44	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
45	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
46	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
47	New oxide phase Cd1â^'xYxSb2O6with a wide band gap and high electrical conductivity. Applied Physics Letters, 1993, 63, 3335-3337.	3.3	17
48	Crystal structure of advanced lithium titanate with lithium oxide additives. Journal of Nuclear Materials, 2009, 386-388, 1098-1101.	2.7	17
49	Chemical stability of CVD source materials for high-T_c superconducting films. Journal of Materials Research, 1992, 7, 1336-1340.	2.6	16
50	Coexistence of electrons and holes inBaBi0.25Pb0.75O3â^'Î´detected by thermoelectric-power measurements. Physical Review B, 1995, 51, 576-580.	3.2	16
51	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
52	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
53	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
54	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

#	Article	IF	Citations
55	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
56	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
57	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
58	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
59	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
60	Analysis of structural phase transition from monoclinic Ba2Fe2O5 to cubic Ba2Fe2O5+. Thermochimica Acta, 2012, 549, 110-115.	2.7	12
61	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
62	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
63	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
64	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
65	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
66	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
67	Electrical conduction mechanism of LaNixMe1â^'xO3â^'Î´ (Me=Fe, Mn). Materials Research Bulletin, 2015, 70, 241-247.	5.2	10
68	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
69	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
70	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
71	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
72	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

#	Article	IF	Citations
73	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
74	Superconductivity in a New Oxide System of Eu-La-Ce-Cu-O. Japanese Journal of Applied Physics, 1989, 28, L1115-L1117.	1.5	8
75	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
76	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
77	Analysis of relationship between magnetic property and crystal structure of La1â^'Sr CrO3 (<mml:math) Tj ETQq1 1 0.784314 rgBT /Ove	1.9	8
78	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
79	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
80	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
81	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
82	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
83	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
84	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
85	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
86	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
87	Preparation of SrCuOy film in ultra-high vacuum system. Solid State Ionics, 1991, 49, 183-186.	2.7	6
88	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
89	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
90	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

#	Article	IF	Citations
91	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
92	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
93	Phase transition behavior of mother phase of proton-conducting oxides, Sr1â^'xBaxZrO3. Thermochimica Acta, 2012, 530, 58-63.	2.7	6
94	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
95	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
96	Calculation of Photonic Energy Bands of TiO₂ Hollow Spherical Arrays. Journal of Nanoscience and Nanotechnology, 2009, 9, 185-189.	0.9	5
97	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
98	DSC, DTA and TG studies on structural phase transitions in Tl2ZnCl4. Thermochimica Acta, 2005, 431, 73-75.	2.7	4
99	Space Group Determination of Al2(WO4)3using Convergent-Beam Electron Diffraction. Japanese Journal of Applied Physics, 2008, 47, 4664-4668.	1.5	4
100	Structural analysis of Li2TiO3 by synchrotron X-ray diffraction at high temperature. Journal of Nuclear Materials, 2011, 417, 692-695.	2.7	4
101	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
102	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
103	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
104	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
105	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
106	Preparation of a Bi-Sr-Ca-Cu-O High-TcSuperconductor by the Reaction of a Cu-Free Precursor with Cu Plate. Japanese Journal of Applied Physics, 1989, 28, L984-L986.	1.5	3
107	Oxygen deficiency, crystal system and conduction behavior of BaPb0.75Bi0.25O3-Î´. AIChE Journal, 1997, 43, 2865-2869.	3.6	3
108	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

#	Article	IF	Citations
109	The crystal structure and electrical conductivity of proton conducting Ba0.6Sr0.4Zr1â^'yYyO3â^'Î´. Solid State Ionics, 2012, 206, 91-96.	2.7	3
110	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
111	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
112	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
113	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
114	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
115	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
116	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
117	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
118	Phase Transition Behavior of Proton Conducting Oxides, Sr1-xBaxZrO3. ECS Transactions, 2010, 28, 251-258.	0.5	2
119	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
120	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
121	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
122	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
123	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
124	Chemical Interaction between High-TcSuperconducting Oxides and Alkaline Earth Fluorides. Japanese Journal of Applied Physics, 1989, 28, L1156-L1158.	1.5	1
125	Superconductivity in Eu-La-Ce-Cu-O System. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1990, 184, 183-187.	0.3	1
126	Low-temperature synthesis of BiSrCaCuO films by photo CVD method. Physica C: Superconductivity and Its Applications, 1991, 190, 143-144.	1.2	1

#	Article	IF	Citations
127	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
128	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
129	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
130	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
131	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
132	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
133	Structural phase relationship, sintering behavior and conducting property of Ba1â^'xSrxZr0.9Y0.1O3â^'Î´. Solid State Ionics, 2014, 264, 17-21.	2.7	1
134	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
135	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
136	In situ RHEED and XPS studies on ceramic layer epitaxy in UHV system. AIP Conference Proceedings, 1991, , .	0.4	0
137	Observation of Two Kinds of Structural Phase Transitions in the Ba2In2O5 System.. ChemInform, 2003, 34, no.	0.0	0
138	Discovery of new phase and analysis of phase relationships in BaBiO3 with thermal analyses. Thermochimica Acta, 2005, 431, 33-37.	2.7	0
139	Analysis of Structural Phase Transition Behavior of La1-x-yCaxSryCrO3. ECS Transactions, 2007, 7, 2417-2425.	0.5	0
140	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
141	151Eu MÃ¶ssbauer measurements of CuLa1â€‰â^'â€‰x Eu x O2 with luminescent property. Hyperfine Interactions, 2012, 208, 25-28.	0.5	0
142	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
143	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
144	Relationship between Magnetic Property and Structural Phase Transition of La1-xSrxCrO3. Nihon Kessho Gakkaishi, 2008, 50, 144-149.	0.0	0

#	Article	IF	Citations
145	151Eu MÃ¶ssbauer measurements of CuLa1â€‰â^'â€‰x Eu x O2 with luminescent property. , 2011, , 605-608.		0
146	Chemical state of Fe in LaNi1â€‰â^'â€‰x Fe x O3 and its effect on electrical conduction property. , 2013, , 343-346.		0
147	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		0