

# Hitoshi Takamura

## List of Publications by Year in descending order

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182  
papers

4,516  
citations

126858

33  
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185  
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185  
docs citations

185  
times ranked

2904  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insight into low-temperature sintering of samarium-doped ceria mixed with scavenging lithium. Acta Materialia, 2022, 224, 117529.	3.8	10
2	Preparation and mixed proton-hole conductivity of barium zirconate doped with scandium and cobalt. International Journal of Hydrogen Energy, 2022, 47, 5577-5584.	3.8	6
3	Antireflective black coatings comprised of Ag <sup>+</sup> /Fe <sup>2+</sup> /O thin films with high electrical resistivity. APL Materials, 2022, 10, .	2.2	3
4	Nonthermal melting of charge density wave order via nucleation in $VTe_2$ . Physical Review B, 2022, 105, .	1.1	1
5	Hydride-based antiperovskites with soft anionic sublattices as fast alkali ionic conductors. Nature Communications, 2021, 12, 201.	5.8	46
6	Protonation-Induced B-Site Deficiency in Perovskite-Type Oxides: Fully Hydrated BaSc <sub>0.67</sub> O(OH) <sub>2</sub> as a Proton Conductor. Chemistry of Materials, 2021, 33, 5935-5942.	3.2	8
7	(Invited) Facile Synthesis of Spherical and Highly Sinterable SDC Particles by Using Molten Salts. ECS Meeting Abstracts, 2021, MA2021-02, 1374-1374.	0.0	0
8	Heat-Resistant Black Insulative Thin Films for Flat-Panel Displays in Al-Doped Ag <sup>+</sup> /Fe <sup>2+</sup> /O Systems. ACS Applied Materials & Interfaces, 2021, 13, 57971-57980.	4.0	5
9	Black titanium oxynitride thin films prepared by nitrogen plasma-assisted pulsed laser deposition for flat-panel displays. Applied Surface Science, 2020, 534, 147616.	3.1	10
10	Catalytic activity for dissociative oxygen adsorption of Co-based oxides at high temperature evaluated by a modified pulse isotopic exchange technique. Journal of Materials Chemistry A, 2020, 8, 21634-21641.	5.2	7
11	Optically Black and Electrically Insulating Ag <sup>+</sup> /Fe <sup>2+</sup> /O-Based Thin Films for Touch Panel Displays. Physica Status Solidi - Rapid Research Letters, 2020, 14, 2000160.	1.2	5
12	Low-Temperature Operation of CeO <sub>2</sub> -ZrO <sub>2</sub> -Based Oxygen Storage Materials. ECS Meeting Abstracts, 2020, MA2020-02, 2537-2537.	0.0	1
13	Negative Knight Shift in Ba-Ti Oxyhydride: An Indication of the Multiple Hydrogen Occupation. Chemistry of Materials, 2019, 31, 7178-7185.	3.2	7
14	Material Development Strategy of Lightweight Solid Oxide Fuel Cells for Airplane System Electrification. ECS Transactions, 2019, 91, 311-318.	0.3	3
15	A New Development Strategy of Light Wight Solid Oxide Fuel Cells for Electrified Airplane System. , 2019, , .		1
16	Fabrication of absorbing Nb-Ti suboxide anti-reflective thin film stacks. Results in Physics, 2019, 15, 102558.	2.0	7
17	Evaluation of Titanium Based Alloys as Interconnects for the Light Weight SOFC System. ECS Transactions, 2019, 91, 2279-2290.	0.3	0
18	Stabilizing Coexisting n-Type Electronic and Oxide Ion Conductivities in Donor-Doped Ba <sup>2+</sup> /In-Based Oxides under Oxidizing Conditions: Roles of Oxygen Disorder and Electronic Structure. Chemistry of Materials, 2019, 31, 2713-2722.	3.2	13

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19	Control of electrochemical reduction behavior in nonequilibrium Al-doped TiO <sub>2</sub> thin films. Journal of Applied Physics, 2019, 126, .	1.1	4
20	Large and constant absorption coefficient in Nb TiO <sub>2</sub> thin films throughout the visible range. Applied Surface Science, 2019, 464, 61-67.	3.1	10
21	Oxygen vacancy order-disorder transition at high temperature in Bi-Sr-Fe-based perovskite-type oxides. Physical Review Materials, 2019, 3, .	0.9	8
22	Atomistic Insight into the Correlation among Oxygen Vacancies, Protonic Defects, and the Acceptor Dopants in Sc-Doped BaZrO <sub>3</sub> Using First-Principles Calculations. Journal of Physical Chemistry C, 2018, 122, 6501-6507.	1.5	24
23	A dense NASICON sheet prepared by tape-casting and low temperature sintering. Electrochimica Acta, 2018, 278, 176-181.	2.6	35
24	Magnesium Doping for the Promotion of Rutile Phase Formation in the Pulsed Laser Deposition of TiO <sub>2</sub> Thin Films. Materials Transactions, 2018, 59, 33-38.	0.4	11
25	First-Principles Calculations for the Energetics of the Hydration Reaction of Acceptor-Doped BaZrO <sub>3</sub> . Chemistry of Materials, 2017, 29, 1518-1526.	3.2	60
26	Low-temperature preparation of rutile-type TiO <sub>2</sub> thin films for optical coatings by aluminum doping. Applied Surface Science, 2017, 412, 223-229.	3.1	14
27	Recent Progress of Battery Materials. Materia Japan, 2017, 56, 135-139.	0.1	0
28	Li-Ion Conductivity and Phase Stability of Ca-Doped LiBH <sub>4</sub> under High Pressure. Inorganic Chemistry, 2016, 55, 10484-10489.	1.9	25
29	Enhancement of the lithium-ion conductivity of LiBH <sub>4</sub> by hydration. Solid State Ionics, 2016, 285, 47-50.	1.3	26
30	Surface Modification of Ba <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>0.8</sub> Fe <sub>0.2</sub> O <sub>3-d</sub> By Using Atomic Layer Deposition. ECS Meeting Abstracts, 2016, , .	0.0	0
31	(Invited) Ionic Conduction in Metal Borohydrides and Their Application to All-Solid-State Batteries. ECS Meeting Abstracts, 2016, , .	0.0	0
32	Lithium-Ion Conduction in LiBH <sub>4</sub> Hydrated H <sub>2</sub> O and D <sub>2</sub> O. ECS Meeting Abstracts, 2016, , .	0.0	1
33	Low-temperature preparation of high-n TiO <sub>2</sub> thin film on glass by pulsed laser deposition. Applied Surface Science, 2015, 347, 528-534.	3.1	32
34	Correlation among Oxygen Vacancies, Protonic Defects, and the Acceptor Dopant in Sc-Doped BaZrO <sub>3</sub> Studied by <sup>45</sup> Sc Nuclear Magnetic Resonance. Chemistry of Materials, 2015, 27, 6660-6667.	3.2	59
35	Preparation and electrode properties of composite cathodes based on Bi <sub>1-x</sub> Sr <sub>x</sub> FeO <sub>3</sub> with Perovskite-type structure. Solid State Ionics, 2014, 262, 691-695.	1.3	11
36	Effects of surface modification on the oxygen permeation of Ba <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>0.8</sub> Fe <sub>0.2</sub> O <sub>3</sub> membrane. Journal of Membrane Science, 2014, 462, 147-152.	4.1	37

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37	Synthesis of rock-salt type lithium borohydride and its peculiar Li <sup>+</sup> ion conduction properties. APL Materials, 2014, 2, .	2.2	13
38	Exceptional Superionic Conductivity in Disordered Sodium Decahydrodecaborate. Advanced Materials, 2014, 26, 7622-7626.	11.1	221
39	<sup>45</sup> Sc NMR spectroscopy and first-principles calculation on the symmetry of ScO <sub>6</sub> polyhedra in BaO-Sc <sub>2</sub> O <sub>3</sub> -based oxides. Dalton Transactions, 2014, 43, 9714.	1.6	14
40	Sodium superionic conduction in Na <sub>2</sub> B <sub>12</sub> H <sub>12</sub> . Chemical Communications, 2014, 50, 3750-3752.	2.2	243
41	Nanograined Sc-doped BaZrO <sub>3</sub> as a proton conducting solid electrolyte for intermediate temperature solid oxide fuel cells (IT-SOFCs). Solid State Ionics, 2014, 264, 1-6.	1.3	27
42	Effects of intermediate layer on interfacial resistance for all-solid-state lithium batteries using lithium borohydride. Solid State Ionics, 2014, 262, 179-182.	1.3	32
43	MIEC Materials. , 2014, , 1297-1300.		0
44	Preparation of Cathode Material for Co-Sintering with Electrolyte at High Temperature. ECS Transactions, 2013, 57, 1901-1908.	0.3	0
45	Electrode Properties of Bi-Sr-Fe-Based Perovskite-Type Oxides Coated with Nano-Structured PrBaCo <sub>2</sub> O <sub>5</sub> +A. ECS Transactions, 2013, 57, 2019-2025.	0.3	0
46	All-solid-state lithium battery with LiBH <sub>4</sub> solid electrolyte. Journal of Power Sources, 2013, 226, 61-64.	4.0	123
47	Sodium and magnesium ionic conduction in complex hydrides. Journal of Alloys and Compounds, 2013, 580, S98-S101.	2.8	61
48	Mixed conductivity and electrode properties of Mn-doped Bi-Sr-Fe-based perovskite-type oxides. Solid State Ionics, 2013, 253, 211-216.	1.3	20
49	Oxidation behavior of Cu-Ag core-shell particles for solar cell applications. Journal of Alloys and Compounds, 2013, 564, 71-77.	2.8	73
50	Sodium ionic conduction in complex hydrides with [BH <sub>4</sub> ] <sup>-</sup> and [NH <sub>2</sub> ] <sup>-</sup> anions. Applied Physics Letters, 2012, 100, .	1.5	66
51	Preparation and Ionic Conductivity of Al-Doped Mg <sub>0.5</sub> Ti <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> . Materials Transactions, 2012, 53, 932-935.	0.4	9
52	In situ NMR study of hydrogenation/dehydrogenation of ZrCr <sub>2</sub> and physisorbed hydrogen. Journal of Alloys and Compounds, 2012, 540, 222-227.	2.8	11
53	Hydrocarbon Reforming by Using Oxygen Permeable Membranes. Membrane, 2012, 37, 67-73.	0.0	0
54	Enhanced Electrical Conductivities of Complex Hydrides Li <sub>2</sub> (BH <sub>4</sub> ) <sub>2</sub> (NH <sub>2</sub> ) and Li <sub>4</sub> (BH <sub>4</sub> ) <sub>4</sub> (NH <sub>2</sub> ) <sub>3</sub> by Melting. Materials Transactions, 2011, 52, 654-657.	0.4	15

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55	Lithium ion conduction in lithium borohydrides under high pressure. Solid State Ionics, 2011, 192, 118-121.	1.3	16
56	Room temperature lithium fast-ion conduction and phase relationship of Lil stabilized LiBH <sub>4</sub> . Solid State Ionics, 2011, 192, 143-147.	1.3	57
57	Electrical conductivity of dense nanocrystalline ceria under humidified atmosphere. Solid State Ionics, 2010, 181, 100-103.	1.3	38
58	The oxygen permeation characteristics of Bi <sup>1-x</sup> Sr <sub>x</sub> FeO <sub>3</sub> mixed ionic and electronic conducting ceramics. Solid State Ionics, 2010, 181, 53-58.	1.3	49
59	The Oxygen Permeation Properties of Nanocrystalline CeO <sub>2</sub> Thin Films. Journal of the Electrochemical Society, 2010, 157, B1852.	1.3	14
60	Development of a nuclear magnetic resonance system for in situ analysis of hydrogen storage materials under high pressures and temperatures. Review of Scientific Instruments, 2010, 81, 104101.	0.6	1
61	Lithium-ion conduction in complex hydrides LiAlH <sub>4</sub> and Li <sub>3</sub> AlH <sub>6</sub> . Journal of Applied Physics, 2010, 107, .	1.1	46
62	Synthesis and Lithium Fast-Ion Conductivity of a New Complex Hydride Li <sub>3</sub> (NH <sub>2</sub> ) <sub>2</sub> with Double-Layered Structure. Chemistry of Materials, 2010, 22, 2702-2704.	3.2	46
63	Electrode Properties of Pr <sub>0.7</sub> Sr <sub>0.3</sub> Fe <sub>0.8</sub> Al <sub>0.2</sub> O <sub>3-<math>\delta</math></sub> Thin Film Prepared by Pulsed Laser Deposition. ECS Transactions, 2009, 25, 2675-2680.	0.3	0
64	Electrical conductivity of ceria nanoparticles under high pressure. Journal of Electroceramics, 2009, 22, 24-32.	0.8	17
65	Performance of palladium electrode for electrochemical hydrogen pump using strontium-zirconate-based proton conductors. Ionics, 2009, 15, 665-670.	1.2	8
66	Preparation of Ultrafine Fe-Pt Alloy and Au Nanoparticle Colloids by KrF Excimer Laser Solution Photolysis. Nanoscale Research Letters, 2009, 4, 565-573.	3.1	23
67	Complex Hydrides with (BH <sub>4</sub> ) <sup>-</sup> and (NH <sub>2</sub> ) <sup>-</sup> Anions as New Lithium Fast-Ion Conductors. Journal of the American Chemical Society, 2009, 131, 16389-16391.	6.6	183
68	Experimental and computational studies on structural transitions in the LiBH <sub>4</sub> -Lil pseudobinary system. Applied Physics Letters, 2009, 94, .	1.5	84
69	Halide-Stabilized LiBH <sub>4</sub> , a Room-Temperature Lithium Fast-Ion Conductor. Journal of the American Chemical Society, 2009, 131, 894-895.	6.6	357
70	Optimum Hydrogen Desorption Properties in LiH-LiOH Composites. Materials Transactions, 2009, 50, 1855-1858.	0.4	7
71	Preparation of Integrated Oxygen Permeable Membranes with a Porous Layer by Partial Reduction Process. Materials Transactions, 2009, 50, 506-508.	0.4	0
72	High Pressure Synthesis of Hydride in Li-Y System. Materials Transactions, 2009, 50, 2069-2072.	0.4	9

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73	Grain-Size Refinements of Cu-3 mass%Ti Alloys by HDDR Treatments in Correlating with Their Electrical and Mechanical Properties. Materials Transactions, 2009, 50, 499-505.	0.4	12
74	High Pressure Synthesis of Novel Mg(Ni <sub>1-x</sub> /Cu <sub>x</sub> ) <sub>2</sub> Hydrides (x=0&dash;0.2). Materials Transactions, 2009, 50, 1179-1182.	0.4	3
75	Stabilization of lithium superionic conduction phase and enhancement of conductivity of LiBH <sub>4</sub> by LiCl addition. Applied Physics Letters, 2009, 94, .	1.5	96
76	HYDROGEN PRODUCTION FROM HYDROCARBONS BY USING OXYGEN PERMEABLE MEMBRANES. , 2009, , .		0
77	High-pressure synthesis of novel compounds in an Mg&dash;Ni system. Renewable Energy, 2008, 33, 221-225.	4.3	49
78	Fabrication and characteristics of planar-type methane reformer using ceria-based oxygen permeable membrane. Solid State Ionics, 2008, 179, 1354-1359.	1.3	24
79	The Thickness Dependence of Oxygen Permeability in Sol-Gel Derived Ce <sub>0.8</sub> Cd <sub>0.2</sub> O <sub>2</sub> &#948;-CoFe <sub>2</sub> O <sub>4</sub> Thin Films on Porous Ceramic Substrates: A Sputtered &quot;Blocking Layer&quot; for Thickness Control. Materials Research Society Symposia Proceedings, 2008, 1126, 1.	0.1	0
80	Preparation of Oxygen Permeable Thin Films on YSZ Porous Substrates. Materials Transactions, 2008, 49, 453-456.	0.4	1
81	Lithium superionic conduction in lithium borohydride accompanied by structural transition. Applied Physics Letters, 2007, 91, .	1.5	392
82	Acceptor Doped BiFeO <sub>3</sub> Ceramics: A New Material for Oxygen Permeation Membranes. Japanese Journal of Applied Physics, 2007, 46, L93-L96.	0.8	33
83	Novel hydrides in Mg&dash;TM systems synthesized by high pressure (TM=Zr, Nb, Hf and Ta). Journal of Alloys and Compounds, 2007, 446-447, 6-10.	2.8	14
84	High-pressure synthesis of novel hydride in Mg&dash;Ni&dash;H and Mg&dash;Ni&dash;Cu&dash;H systems. Journal of Alloys and Compounds, 2007, 446-447, 142-146.	2.8	9
85	High-Pressure Synthesis of Novel Hydride in Ca-TM Systems. Advanced Materials Research, 2007, 26-28, 885-888.	0.3	2
86	High Pressure Synthesis of Novel Metal Hydrides. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2007, 17, 264-270.	0.1	3
87	Oxygen permeation and methane reforming properties of ceria-based composite membranes. Journal of Alloys and Compounds, 2006, 408-412, 1084-1089.	2.8	41
88	Ferromagnetism of (ScCa)Co <sub>2</sub> Laves phase compound synthesized under high pressure. Journal of Alloys and Compounds, 2006, 408-412, 147-150.	2.8	4
89	High-pressure synthesis of novel hydrides in Mg&dash;RE&dash;H systems (RE=Y, La, Ce, Pr, Sm, Gd, Tb, Dy). Journal of Alloys and Compounds, 2006, 408-412, 284-287.	2.8	39
90	High-Pressure Synthesis of Novel Hydride in Mg-Ni (-H) System. Materials Transactions, 2006, 47, 1957-1960.	0.4	13

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91	Oxygen permeability of nanocrystalline Ce <sub>0.8</sub> Gd <sub>0.2</sub> O <sub>1.9</sub> -CoFe <sub>2</sub> O <sub>4</sub> mixed-conductive films. Journal of Membrane Science, 2006, 286, 180-184.	4.1	23
92	Electrode and oxygen permeation properties of (Ce, Sm)O <sub>2</sub> -MFe <sub>2</sub> O <sub>4</sub> composite thin films (M=Co and Tj ETQq0,0,0 rgBT /Overlock 1	1.3	29
93	Oxygen permeation properties and surface modification of acceptor-doped CeO <sub>2</sub> /MnFe <sub>2</sub> O <sub>4</sub> composites. Journal of Electroceramics, 2006, 17, 741-748.	0.8	19
94	Oxygen permeation properties and the stability of La <sub>0.6</sub> Sr <sub>0.4</sub> Fe <sub>0.8</sub> Co <sub>0.2</sub> O <sub>3</sub> studied by Raman spectroscopy. Solid State Ionics, 2006, 177, 2281-2284.	1.3	29
95	Hydrogen Production From Methane by Using Oxygen Permeable Ceramics. Journal of Fuel Cell Science and Technology, 2006, 3, 175-179.	0.8	6
96	High-Pressure Synthesis of Novel Hydrides in Mg&ndash;TM Systems (TM = Zr, Nb and Mo). Materials Transactions, 2005, 46, 1798-1801.	0.4	13
97	Grain Refinements of Al&ndash;Mg Alloy by Hydrogen Heat-Treatments. Materials Transactions, 2005, 46, 2449-2453.	0.4	14
98	Occurrence of HDDR Phenomena and Grain Refinements for Al-Mg Alloys. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2005, 52, 874-878.	0.1	3
99	Hydrogen Production from Methane by Using Composite-Type Oxygen Permeable Membranes. Materials Research Society Symposia Proceedings, 2005, 885, 1.	0.1	0
100	Preparation of Nano-Sized Doped Ceria for SOFC Anodes. Materials Research Society Symposia Proceedings, 2005, 885, 1.	0.1	0
101	Synthesis and Crystal Structure of New Hydrides in Mg-RE Systems under High-Pressure (RE = La, Ce,) Tj ETQq1 1 0,784314 rgBT /Overlock 1	0.3	7
102	Oxygen Permeable Ce <sub>[sub 0.8]</sub> Gd <sub>[sub 0.2]</sub> O <sub>[sub 1.9]</sub> -CoFe <sub>[sub 2]</sub> O <sub>[sub 4]</sub> Thin Films Prepared on Porous Ce <sub>[sub 0.8]</sub> Gd <sub>[sub 0.2]</sub> O <sub>[sub 1.9]</sub> Substrates. Electrochemical and Solid-State Letters, 2005, 8, A70.	2.2	11
103	High-pressure synthesis and energetics of MgCu with a CsCl-type structure. Journal of Alloys and Compounds, 2005, 404-406, 372-376.	2.8	15
104	High-pressure synthesis of novel hydride in Mg&ndash;M systems (M&ndash;=Li, Pd). Journal of Alloys and Compounds, 2005, 404-406, 448-452.	2.8	12
105	Title is missing!. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2005, 56, 491-496.	0.1	2
106	Oxygen Permeable Properties of Ce <sub>0.8</sub> Gd <sub>0.2</sub> O <sub>1.9</sub> - MFe <sub>2</sub> O <sub>4</sub> Composite Thin Films Prepared by a Chemical Solution Deposition Method. Materials Research Society Symposia Proceedings, 2004, 835, K2.7.1.	0.1	0
107	Oxide-Ion Transport in Gadolinium Zirconate - Titanates under High Pressure. Materials Research Society Symposia Proceedings, 2004, 835, K2.10.1.	0.1	0
108	Preparation and oxygen permeability of Pr?Al-based perovskite-type oxides. Solid State Ionics, 2004, 175, 379-382.	1.3	27





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127	Effects of Al Addition on Structures and Protium Absorption-Desorption Properties of Ti-Cr Alloys. Materials Transactions, 2002, 43, 1173-1177.	0.4	9
128	Synthesis of New Hydrides in Mg-Y Systems by Using High Pressure. Materials Transactions, 2002, 43, 2717-2720.	0.4	26
129	Effect of Absorption-Desorption Cycles on Structure and Stability of Protides in Ti-Cr-V Alloys. Materials Transactions, 2002, 43, 2748-2752.	0.4	28
130	Cyclic Properties of Protium Absorption-Desorption in Ti-Cr-V Alloys. Materials Transactions, 2002, 43, 1115-1119.	0.4	30
131	Effects of Compositions on Formation of 1, 2 Protorides in Ti-Cr-V Alloys. Materials Transactions, 2002, 43, 410-413.	0.4	21
132	Crystal Structure and Protium Absorption Properties of Ti-Cr-X Alloys. Materials Transactions, 2002, 43, 470-473.	0.4	19
133	Mixed Ionic & Electronic Conduction and Oxygen Permeation in Ba-In Based Oxides Doped with Transition Metals. Materials Research Society Symposia Proceedings, 2002, 756, 1.	0.1	0
134	Preparation and Oxygen Permeability of La-Sr-Co-Fe Oxide Thin Films by a Chemical Solution Deposition Process. Materials Research Society Symposia Proceedings, 2002, 756, 1.	0.1	1
135	Preparation and Oxygen Permeability of Gd-Doped Ceria and Spinel-Type Ferrite Composites. Materials Research Society Symposia Proceedings, 2002, 756, 1.	0.1	10
136	Protium absorption properties of Ti-V-Cr-Mn alloys with a b.c.c. structure. Journal of Alloys and Compounds, 2002, 330-332, 522-525.	2.8	59
137	Crystal structure of novel hydrides in a Mg-Ni-H system prepared under an ultra high pressure. Journal of Alloys and Compounds, 2002, 330-332, 157-161.	2.8	31
138	Ti-V-Cr b.c.c. alloys with high protium content. Journal of Alloys and Compounds, 2002, 330-332, 511-516.	2.8	145
139	Electrical conductivity of layered compounds in Sr-La <sub>2</sub> O <sub>3</sub> -TiO <sub>2</sub> systems prepared by the Pechini process. Solid State Ionics, 2002, 154-155, 581-588.	1.3	17
140	Role of intermetallics in hydrogen storage materials. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2002, 329-331, 305-312.	2.6	52
141	Synthesis of Vapor-Grown Carbon Fibers Using Nanocrystalline Fe <sub>75</sub> Si <sub>15</sub> B <sub>10</sub> Alloy as a Catalyst. Materials Transactions, 2001, 42, 838-841.	0.4	0
142	Protium Absorption Properties of Ti-Cr-V Alloys in Low Hydrogen Pressure Regions. Materials Transactions, 2001, 42, 1862-1865.	0.4	36
143	High-Pressure Synthesis of Hydrides of Ca-TM Systems (TM = Mn, Fe, Co and Ni). Materials Transactions, 2001, 42, 443-445.	0.4	17
144	High-Pressure Synthesis of Hydrides in Ca-Mg-Ni Systems. Materials Transactions, 2001, 42, 1301-1304.	0.4	27

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145	Synthesis of New Hydrides with Cubic Structures in Mg-Ca-Ni Systems by Using High Pressure. Materials Transactions, 2001, 42, 1850-1853.	0.4	15
146	The Electrical and Defect Properties of $\text{Bi}_3\text{Zn}_2\text{Sb}_3\text{O}_{14}$ Pyrochlore: A Grain-Boundary Phase in ZnO-Based Varistors. , 2001, 7, 113-120.		13
147	Title is missing!. , 2001, 7, 113-120.		0
148	Protium Absorption Properties of Mg-Al Based Ternary Alloys. Materials Transactions, JIM, 2000, 41, 1142-1145.	0.9	4
149	Synthesis of Vapor-grown Carbon Fibers Using Nanocrystalline $\text{Fe}_9\text{Zr}_7\text{B}_2$ Alloy as a Catalyst. Materials Transactions, JIM, 2000, 41, 563-566.	0.9	2
150	Dielectric Properties of Nb-Doped $\text{PbZrO}_3$ Thin Films Prepared by Pulsed Laser Deposition. Materials Transactions, JIM, 2000, 41, 589-592.	0.9	5
151	Protium Absorption-Desorption Properties of Ti-V-Cr-(Mn, Ni) Alloys. Materials Transactions, JIM, 2000, 41, 617-620.	0.9	28
152	Ionic conductivity of $\text{Gd}_2\text{GaSbO}_7$ - $\text{Gd}_2\text{Zr}_2\text{O}_7$ solid solutions with structural disorder. Solid State Ionics, 2000, 134, 67-73.	1.3	40
153	Thermal Stability of Hydrides of Magnesium-Transition Metal System Prepared under a High Pressure. Materials Science Forum, 2000, 350-351, 329-332.	0.3	30
154	Preparation and Protium Absorbing Properties of Mg-Based Ternary Alloys. Materials Science Forum, 2000, 350-351, 315-320.	0.3	4
155	PTCR Properties of Bi metal/Ceramics Composites Fabricated by Hot-Pressing.. Funtai Oyobi Fummtsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 1999, 46, 752-756.	0.1	1
156	Crystal structure and protium absorption properties of La-rich $\text{La}(\text{Ni}, \text{M})_x$ ( $x=3\sim 4.7$ ) (M=Al, Co, Mn, Si) melt-spun ribbons. Journal of Alloys and Compounds, 1999, 293-295, 130-134.	2.8	18
157	New V-based alloys with high protium absorption and desorption capacity. Journal of Alloys and Compounds, 1999, 293-295, 433-436.	2.8	75
158	Protium diffusion in $\text{La-Ni}$ alloys. Journal of Alloys and Compounds, 1999, 293-295, 270-274.	2.8	0
159	Effect of Chemical Etching on Protium Absorbing Properties and Electrochemical Characteristics of $\text{LaNi}_5$ Alloys.. Funtai Oyobi Fummtsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 1999, 46, 131-137.	0.1	2
160	Varistor Properties of $\text{ZnO/Pr}_6\text{O}_{11}$ Multilayered Composites Prepared by Pulsed Laser Ablation Method.. Funtai Oyobi Fummtsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 1999, 46, 811-815.	0.1	1
161	New Vanadium-based Protium Absorbing Alloys with Laves Phases Along Grain Boundary. Materials Transactions, JIM, 1999, 40, 431-434.	0.9	17
162	Microstructures and PTCR Properties of Bismuth Metal/Strontium-Bismuth-Titanate Ceramic Composites. Materials Transactions, JIM, 1999, 40, 404-407.	0.9	2

#	ARTICLE	IF	CITATIONS
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