

Kohji Kishio

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

218
papers

6,018
citations

43
h-index

71
g-index

228
ext. papers

6,263
ext. citations

1.9
avg, IF

4.95
L-index

#	Paper	IF	Citations
218	Synthesis, Electronic Structure, and Physical Properties of Layered Oxypnictides SrScCrAsO and BaScCrAsO. <i>Inorganic Chemistry</i> , 2021 , 60, 1930-1936	5.1	0
217	Synthesis, structure, and luminescence properties of layered oxychloride Ba ₃ Y ₂ O ₅ Cl ₂ . <i>Journal of Materials Chemistry C</i> , 2020 , 8, 17162-17168	7.1	2
216	The Formation of defects and their influence on inter- and intra-granular current in sintered polycrystalline 122 phase Fe-based superconductors. <i>Superconductor Science and Technology</i> , 2019 , 32, 084003	3.1	10
215	Fabrication of Bi2223 bulks with high critical current properties sintered in Ag tubes. <i>Physica C: Superconductivity and Its Applications</i> , 2017 , 534, 9-12	1.3	5
214	Potential for improvement of pinning properties for REBCO melt-textured bulks by high energy electron irradiation. <i>Physica C: Superconductivity and Its Applications</i> , 2017 , 537, 5-9	1.3	1
213	High-performance dense MgB ₂ superconducting wire fabricated from mechanically milled powder. <i>Superconductor Science and Technology</i> , 2017 , 30, 044006	3.1	34
212	Improved Superconducting Properties of YBCO Melt-Solidified Bulks by Addition of BaCuOCl. <i>IEEE Transactions on Applied Superconductivity</i> , 2016 , 26, 1-4	1.8	3
211	Microstructures and improved J _c H characteristics of Cl-containing YBCO thin films prepared by the fluorine-free MOD method. <i>Superconductor Science and Technology</i> , 2016 , 29, 015006	3.1	11
210	Microstructural connectivity in sintered ex-situ MgB ₂ bulk superconductors. <i>Journal of Alloys and Compounds</i> , 2016 , 656, 172-180	5.7	11
209	Development of Polycrystalline Bulk MgB ₂ Superconducting Magnet by Hot-pressing. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 2016 , 80, 457-461	0.4	3
208	Bulk MgB ₂ Permanent Magnets. <i>Asian Journal of Social Science Studies</i> , 2016 , 537-548	1.3	
207	Effects of densification of precursor pellets on microstructures and critical current properties of YBCO melt-textured bulks. <i>Physica C: Superconductivity and Its Applications</i> , 2016 , 531, 79-84	1.3	1
206	Electromagnetic properties and microstructures of in situ MgB ₂ wires made from three types of boron powders. <i>Superconductor Science and Technology</i> , 2016 , 29, 105016	3.1	7
205	Topotactic synthesis of a new BiS ₂ -based superconductor Bi ₂ (O,F)S ₂ . <i>Applied Physics Express</i> , 2015 , 8, 023102	2.4	14
204	Microstructural Characteristics of Ball-Milled Self-Sintered Ex Situ MgB ₂ Bulks. <i>IEEE Transactions on Applied Superconductivity</i> , 2015 , 25, 1-5	1.8	5
203	Co and Mn doping effect in polycrystalline (Ca,La) and (Ca,Pr)FeAs ₂ superconductors. <i>Superconductor Science and Technology</i> , 2015 , 28, 065001	3.1	20
202	Enhanced trapped field in MgB ₂ bulk magnets by tuning grain boundary pinning through milling. <i>Superconductor Science and Technology</i> , 2015 , 28, 055016	3.1	23

201	Pressure Effects on Superconducting Properties of the BiS ₂ -Based Superconductor Bi ₂ (O,F)S ₂ . <i>Journal of the Physical Society of Japan</i> , 2015 , 84, 084703	1.5	4
200	A new layered iron arsenide superconductor: (Ca,Pr)FeAs ₂ . <i>Journal of the American Chemical Society</i> , 2014 , 136, 846-9	16.4	92
199	Dramatic effects of chlorine doping on J _c and microstructure of fluorine-free MOD Y123 thin films. <i>Superconductor Science and Technology</i> , 2014 , 27, 095017	3.1	10
198	Self-sintering-assisted high intergranular connectivity in ball-milled ex situ MgB ₂ bulks. <i>Superconductor Science and Technology</i> , 2014 , 27, 114001	3.1	12
197	Enhancement of intergranular current density of Sm-based oxypnictide superconductors with Sn addition. <i>Superconductor Science and Technology</i> , 2014 , 27, 085010	3.1	8
196	Luminescence properties of layered chalcogenide oxides Ba ₃ RE ₂ Ag ₂ Se ₂ O ₅ . <i>Optical Materials</i> , 2014 , 36, 1978-1981	3.3	4
195	Effects of phosphorous doping on the superconducting properties of SmFeAs(O,F). <i>Physica C: Superconductivity and Its Applications</i> , 2014 , 504, 19-23	1.3	2
194	Permanent magnet with MgB ₂ bulk superconductor. <i>Applied Physics Letters</i> , 2014 , 105, 032601	3.4	73
193	Tri-axial magnetic anisotropies in RE ₂ Ba ₄ Cu ₇ O ₁₅ superconductors. <i>Journal of Applied Physics</i> , 2014 , 115, 113908	2.5	8
192	Synthesis and physical properties of Ca _{1-x} RE _x FeAs ₂ with RE = La, Ce. <i>Applied Physics Express</i> , 2014 , 7, 073102	2.4	33
191	Understanding routes for high connectivity in ex situ MgB ₂ by self-sintering. <i>Superconductor Science and Technology</i> , 2014 , 27, 044012	3.1	8
190	Synthesis of Bi ₂ 223 by Low P _{O₂} Sintering. <i>IEEE Transactions on Applied Superconductivity</i> , 2013 , 23, 6400604-6400604	1.8	7
189	Critical Current Properties of c-Axis Oriented Hg(Re) ₁ 223 Bulks. <i>IEEE Transactions on Applied Superconductivity</i> , 2013 , 23, 6800404-6800404	1.8	
188	Weak-link behaviour observed in iron-based superconductors with thick perovskite-type blocking layers. <i>Superconductor Science and Technology</i> , 2013 , 26, 105020	3.1	4
187	Significant enhancement of the intergrain coupling in lightly F-doped SmFeAsO superconductors. <i>Superconductor Science and Technology</i> , 2013 , 26, 065006	3.1	10
186	Irreversibility lines of layered Fe-based superconductors with thick blocking layers. <i>Solid State Communications</i> , 2012 , 152, 640-643	1.6	5
185	Effect of Packing Density on Critical Current Density at High Magnetic Fields in Polycrystalline MgB ₂ Superconductors. <i>Japanese Journal of Applied Physics</i> , 2012 , 51, 123103	1.4	3
184	Magnetic tri-axial grain alignment in misfit-layered bismuth-based cobaltites. <i>Journal of Applied Physics</i> , 2012 , 112, 043913	2.5	2

183	Relationship Between Crystal Structures and Physical Properties in Iron Arsenides with Perovskite-type Layers. <i>Physics Procedia</i> , 2012 , 36, 722-726		4
182	New Layered Nickel Arsenides (Ni ₂ As ₂)(Ba ₃ Sc ₂ O ₅), (Ni ₂ As ₂)(Ba ₄ Sc ₂ O ₆) and (Ni ₂ As ₂)(Ba ₄ Sc ₃ O ₈). <i>Physics Procedia</i> , 2012 , 36, 727-730		0
181	Strongly connected ex situ MgB ₂ polycrystalline bulks fabricated by solid-state self-sintering. <i>Superconductor Science and Technology</i> , 2012 , 25, 115022	3.1	37
180	Towards the Realization of Higher Connectivity in MgB ₂ Conductors: In-situ or Sintered Ex-situ?. <i>Japanese Journal of Applied Physics</i> , 2012 , 51, 010105	1.4	8
179	Excitonic luminescence in two-dimensionally confined layered sulfide oxides. <i>Applied Physics Letters</i> , 2012 , 101, 191901	3.4	7
178	Electric property of the iron pnictide oxide superconductor (Fe ₂ As ₂)(Ca ₆ (Al, Ti) ₄ O _y) under hydrostatic pressure. <i>Journal of Physics: Conference Series</i> , 2012 , 391, 012126	0.3	
177	Towards the Realization of Higher Connectivity in MgB ₂ Conductors: In-situ or Sintered Ex-situ?. <i>Japanese Journal of Applied Physics</i> , 2012 , 51, 010105	1.4	15
176	Effect of Packing Density on Critical Current Density at High Magnetic Fields in Polycrystalline MgB ₂ Superconductors. <i>Japanese Journal of Applied Physics</i> , 2012 , 51, 123103	1.4	
175	Synthesis of High Purity Bi(Pb) ₂ 2223 Tapes With High T_c Above 115 K. <i>IEEE Transactions on Applied Superconductivity</i> , 2011 , 21, 2812-2815	1.8	7
174	Pressure Dependence of Superconducting Transition Temperature on Perovskite-Type Fe-Based Superconductors and NMR Study of Sr ₂ VFeAsO ₃ . <i>Journal of the Physical Society of Japan</i> , 2011 , 80, 014712	1.5	8
173	A new iron pnictide oxide (Fe ₂ As ₂)(Ca ₅ (Mg, Ti) ₄ O _y) and a new phase in the FeAs ₂ CaMgTiO system. <i>Superconductor Science and Technology</i> , 2011 , 24, 085020	3.1	11
172	A new homologous series of iron pnictide oxide superconductors (Fe ₂ As ₂)(Ca _{n+2} (Al, Ti) _n O _y) (n= 2, 3, 4). <i>Superconductor Science and Technology</i> , 2010 , 23, 115005	3.1	56
171	Superconductivity in a new iron pnictide oxide (Fe ₂ As ₂)(Sr ₄ (Mg, Ti) ₂ O ₆). <i>Superconductor Science and Technology</i> , 2010 , 23, 045001	3.1	46
170	Superconductivity Above 40 K Observed in a New Iron Arsenide Oxide (Fe ₂ As ₂)(Ca ₄ (Mg, Ti) ₃ O _y). <i>Applied Physics Express</i> , 2010 , 3, 063103	2.4	56
169	Homologous series of iron pnictide oxide superconductors (Fe ₂ As ₂)[Ca _{n+1} (Sc, Ti) _n O _y] (n=3,4,5) with extremely thick blocking layers. <i>Applied Physics Letters</i> , 2010 , 97, 072506	3.4	71
168	Structural investigation of new series of nickel-based pnictide oxide superconductors (Ni ₂ Pn ₂)(Sr ₄ M ₂ O ₆) (Pn= P, As; M= Sc, V). <i>Journal of Physics: Conference Series</i> , 2010 , 234, 012025	0.3	
167	Development of c-Axis Oriented MgB ₂ Bulks by Magnetic Field Orientation Method. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 2010 , 74, 428-433	0.4	3
166	New Iron Arsenide Oxides (Fe ₂ As ₂)(Sr ₄ (Sc, Ti) ₃ O ₈), (Fe ₂ As ₂)(Ba ₄ Sc ₃ O _{7.5}), and (Fe ₂ As ₂)(Ba ₃ Sc ₂ O ₅). <i>Applied Physics Express</i> , 2010 , 3, 063102	2.4	43

165	On the possibility of MgB ₂ -like superconductivity in potassium hexaboride. <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, S633-S634	1.3	4
164	Interpretation of X-Ray Line Profile of Polycrystalline MgB_2 . <i>IEEE Transactions on Applied Superconductivity</i> , 2009 , 19, 2690-2693	1.8	1
163	3-Dimensional Grain Orientation of RE-Ba-Cu-O Superconductors Using a Modulated Oval Magnetic Field. <i>IEEE Transactions on Applied Superconductivity</i> , 2009 , 19, 2961-2964	1.8	13
162	Magnetic orientation and magnetic anisotropy in paramagnetic layered oxides containing rare-earth ions. <i>Science and Technology of Advanced Materials</i> , 2009 , 10, 014604	7.1	33
161	Fabrication of Multi-Layered Thermoelectric Thick Films and their Thermoelectric Performance. <i>Key Engineering Materials</i> , 2009 , 412, 291-296	0.4	
160	Suppression of defect related host luminescence in LuAG single crystals. <i>Physics Procedia</i> , 2009 , 2, 191-205		12
159	Growth and optical properties of Lu ₃ (Ga,Al)5O ₁₂ single crystals for scintillator application. <i>Journal of Crystal Growth</i> , 2009 , 311, 908-911	1.6	54
158	New iron-based arsenide oxides (Fe ₂ As ₂)(Sr ₄ M ₂ O ₆)(M = Sc, Cr). <i>Superconductor Science and Technology</i> , 2009 , 22, 085001	3.1	69
157	Superconductivity at 17 K in (Fe ₂ P ₂)(Sr ₄ Sc ₂ O ₆): a new superconducting layered pnictide oxide with a thick perovskite oxide layer. <i>Superconductor Science and Technology</i> , 2009 , 22, 075008	3.1	204
156	Elucidation of Crystal-Chemical Determination Factor of Magnetic Anisotropy in HTSC. <i>IEEE Transactions on Applied Superconductivity</i> , 2009 , 19, 2965-2969	1.8	
155	Excellent Critical Current Properties of Dilute Sr-Doped Dy ₁₂₃ Melt-Solidified Bulks at Low Temperatures. <i>IEEE Transactions on Applied Superconductivity</i> , 2009 , 19, 3487-3490	1.8	6
154	Crystal structure and physical properties of new boride Ca _{1+x} Co ₄ B ₄ . <i>Journal of Physics: Conference Series</i> , 2009 , 176, 012016	0.3	
153	Contrasting Pressure Effects in Sr ₂ VFeAsO ₃ and Sr ₂ ScFePO ₃ . <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 123707	1.5	40
152	New Series of Nickel-Based Pnictide Oxide Superconductors (Ni ₂ Pn ₂)(Sr ₄ Sc ₂ O ₆) (Pn= P, As). <i>Applied Physics Express</i> , 2009 , 2, 063007	2.4	15
151	Temperature Dependence of J _c for RE ₁₂₃ Superconductors. <i>TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan)</i> , 2009 , 44, 573-578	0.1	3
150	Influences of Microstructure on Critical Current Properties in MgB ₂ Superconducting Bulk Fabricated using a Premix-PICT Method. <i>TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan)</i> , 2009 , 44, 613-620	0.1	2
149	Suppression of Host Luminescence in the Pr:LuAG Scintillator. <i>IEEE Transactions on Nuclear Science</i> , 2008 , 55, 1197-1200	1.7	8
148	Essential factors for the critical current density in superconducting MgB ₂ : connectivity and flux pinning by grain boundaries. <i>Superconductor Science and Technology</i> , 2008 , 21, 015008	3.1	66

147	Rare-Earth-Dependent Magnetic Anisotropy in REBa ₂ Cu ₃ O _y . <i>Applied Physics Express</i> , 2008 , 1, 031701	2.4	21
146	Chemical (Sr,Co)-doping effect on critical current density for Dy123 melt-solidified bulks. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2008 , 151, 69-73	3.1	11
145	The Effects of Ag-addition on In-situ Processed MgB ₂ Tapes. <i>TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan)</i> , 2008 , 43, 336-341	0.1	
144	Limiting factors of normal-state conductivity in superconducting MgB ₂ : an application of mean-field theory for a site percolation problem. <i>Superconductor Science and Technology</i> , 2007 , 20, 658-666	2.1	133
143	Dramatic effects of excess oxygen on physical properties and crystal structure of La _{0.95} Sr _{0.05} MnO _y single crystal. <i>Solid State Communications</i> , 2007 , 142, 429-433	1.6	4
142	Magnetic properties of Bi2212 single crystals with Bi:Sr:Ca:Cu = 2:2:1:2. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 772-773	1.3	10
141	Direct observation of vortex lattice in Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ by low temperature STM/STS. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 734-735	1.3	
140	Improvement of thermoelectric performance in magnetically c-axis-oriented bismuth-based cobaltites. <i>Scripta Materialia</i> , 2007 , 57, 333-336	5.6	7
139	Enhanced flux pinning properties of RE123 crystals by dilute impurity doping for CuO chain. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 1345-1346	1.3	3
138	Flux pinning properties of undoped and C-doped MgB ₂ bulks with controlled grain sizes. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 572-573	1.3	8
137	Thermoelectric Properties and Magnetic Anisotropies of Magnetically Grain-Oriented Sr- or Bi-doped Ca ₃ Co ₄ O ₉ Thick Films. <i>Materials Research Society Symposia Proceedings</i> , 2007 , 1044, 1		
136	Improvement of Thermoelectric Properties of p- and n-types Oxide Thick Films Fabricated by Electrophoretic Deposition. <i>Materials Research Society Symposia Proceedings</i> , 2007 , 1044, 1		
135	c-Axis-Correlated Vortex Pinning Center Induced by Dilute Co-doping in Pulsed-Laser-Deposition-ErBa ₂ Cu ₃ O _y Films. <i>Japanese Journal of Applied Physics</i> , 2006 , 45, L617-L620	1.4	6
134	Physical Properties of Oxygen Composition Controlled La _{1-x} Sr _x MnO _y Single Crystals. <i>Materials Research Society Symposia Proceedings</i> , 2006 , 988, 1		
133	Fabrication of multilayered oxide thermoelectric modules by electrophoretic deposition under high magnetic fields. <i>Applied Physics Letters</i> , 2006 , 89, 081912	3.4	29
132	Condensation energy density in Bi-2212 superconductors. <i>Superconductor Science and Technology</i> , 2006 , 19, 200-205	3.1	14
131	Enhanced flux pinning properties of YBa ₂ Cu ₃ O _y by dilute impurity doping for CuO chain. <i>Applied Physics Letters</i> , 2006 , 89, 202514	3.4	53
130	Grain Size Determinants and Grain-Boundary Pinning in In-situ MgB ₂ Bulks. <i>TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan)</i> , 2006 , 41, 497-504	0.1	2

129	Improved critical current properties of MgB ₂ bulks by controlling microstructures. <i>Journal of Physics: Conference Series</i> , 2006 , 43, 119-122	0.3	15
128	Dramatically Enhanced Flux Pinning Properties of Cation Composition Controlled Bi(Pb) ₂ 212 Single Crystals. <i>Journal of Physics: Conference Series</i> , 2006 , 43, 231-234	0.3	9
127	Improvement of Flux Pinning Properties of RE ₁₂₃ Materials by Chemical Doping. <i>Journal of Physics: Conference Series</i> , 2006 , 43, 235-238	0.3	5
126	Strong Relationship between Irreversibility Field and Crystallinity Discovered in Undoped and Carbon Substituted MgB ₂ Bulks. <i>Journal of Physics: Conference Series</i> , 2006 , 43, 111-114	0.3	
125	Synthesis of Hg(Re) ₁₂₂₃ Tapes by PIT Method Using NiO/Ni Sheath. <i>Journal of Physics: Conference Series</i> , 2006 , 43, 162-165	0.3	1
124	Reactivity of carbides in synthesis of MgB ₂ bulks. <i>Physica C: Superconductivity and Its Applications</i> , 2006 , 445-448, 801-805	1.3	24
123	Carbon Substitution Effects on Critical Current Properties of Superconductor MgB ₂ . <i>TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan)</i> , 2006 , 41, 489-496	0.1	1
122	Effects of B ₄ C doping on critical current properties of MgB ₂ superconductor. <i>Superconductor Science and Technology</i> , 2005 , 18, 1323-1328	3.1	158
121	High critical current properties of MgB ₂ bulks prepared by a diffusion method. <i>Applied Physics Letters</i> , 2005 , 86, 222502	3.4	56
120	Effects of sintering conditions on critical current properties and microstructures of MgB ₂ bulks. <i>Physica C: Superconductivity and Its Applications</i> , 2005 , 426-431, 1220-1224	1.3	19
119	Bulk superconductivity observed in (Co,Cu)(Sr,Ba) ₂ (Y,Ca)Cu ₂ O _y . <i>Physica C: Superconductivity and Its Applications</i> , 2005 , 426-431, 487-491	1.3	6
118	Flux pinning properties of impurity doped MgB ₂ bulks synthesized by diffusion method. <i>Physica C: Superconductivity and Its Applications</i> , 2005 , 426-431, 1225-1230	1.3	18
117	Rearrangement of martensite variants under magnetic field applied along [001], [011] and [111] directions in Fe-31.2mol%Pd. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2005 , 21, 163-169	0.4	
116	Fabrication of Grain-Aligned Bulks and Thick Films of Misfit Layered Cobalt Oxides by a Magneto-Scientific Process. <i>Materials Research Society Symposia Proceedings</i> , 2005 , 886, 1		
115	Temperature Dependence of Rearrangement of Martensite Variants in a Ferromagnetic Shape Memory Alloy Ni ₂ MnGa. <i>Materials Science Forum</i> , 2005 , 475-479, 2021-2024	0.4	2
114	Development of Thermoelectric Bi-Based Cobaltites with an Easy Axis of Magnetization Parallel to the C-Axis for Magnetic Alignment. <i>Japanese Journal of Applied Physics</i> , 2005 , 44, L1263-L1266	1.4	13
113	Infrared furnace with a superconducting magnet for floating zone growth of oxide single crystals. <i>Review of Scientific Instruments</i> , 2005 , 76, 035104	1.7	3
112	Improved critical current properties observed in MgB ₂ bulks synthesized by low-temperature solid-state reaction. <i>Superconductor Science and Technology</i> , 2005 , 18, 116-121	3.1	127

111	Relationship between Crystallinity and Critical Current Properties of MgB ₂ Bulks. <i>TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan)</i> , 2005 , 40, 466-472	0.1	3
110	Enhanced critical current properties observed in Na ₂ CO ₃ -doped MgB ₂ . <i>Superconductor Science and Technology</i> , 2004 , 17, 926-930	3.1	31
109	Enhancement of Critical Current Density in ErBa ₂ Cu ₃ O _y Thin Films by Post-Annealing. <i>Japanese Journal of Applied Physics</i> , 2004 , 43, L1223-L1225	1.4	21
108	Synthesis of high J _c MgB ₂ bulks with high reproducibility by a modified powder-in-tube method. <i>Superconductor Science and Technology</i> , 2004 , 17, 921-925	3.1	68
107	Oxygen Nonstoichiometry of Various Functional Layered Oxides. <i>Materials Research Society Symposia Proceedings</i> , 2004 , 848, 65		1
106	Enhanced flux pinning properties of Bi(Pb)2212 single crystals. <i>Physica C: Superconductivity and Its Applications</i> , 2004 , 408-410, 40-41	1.3	15
105	Giant magnetic field-induced strain due to rearrangement of variants in an ordered Fe ₃ Pt. <i>Science and Technology of Advanced Materials</i> , 2004 , 5, 35-40	7.1	23
104	Rearrangement of variants in Ni ₂ MnGa under magnetic field. <i>Science and Technology of Advanced Materials</i> , 2004 , 5, 29-34	7.1	36
103	Levitation of metallic melt by using the simultaneous imposition of the alternating and the static magnetic fields. <i>Journal of Crystal Growth</i> , 2004 , 260, 475-485	1.6	76
102	Fabrication of porous aluminum with deep pores by using Al ₃ Sn monotectic solidification and electrochemical etching. <i>Materials Letters</i> , 2004 , 58, 911-915	3.3	28
101	Rearrangement of Martensite Variants in Iron-Based Ferromagnetic Shape Memory Alloys under Magnetic Field. <i>Materials Transactions</i> , 2004 , 45, 188-192	1.3	49
100	Oxygen-Annealing Effects on Superconducting Properties of ErBa ₂ Cu ₃ O _y Thin Films Fabricated by Pulsed Laser Deposition Method. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 2004 , 68, 748-755	0.4	1
99	Thermoelectric Performance of Magnetically c-Axis Aligned Ca-based Cobaltites. <i>Japanese Journal of Applied Physics</i> , 2003 , 42, 7018-7022	1.4	59
98	Magnetic field-induced strain in iron-based ferromagnetic shape memory alloys. <i>Journal of Applied Physics</i> , 2003 , 93, 8647-8649	2.5	90
97	Synthesis and Thermoelectric Properties of Magnetically c-Axis-Oriented [Ca ₂ CoO ₃ -10.62CoO ₂] Bulk with Various Oxygen Contents. <i>Japanese Journal of Applied Physics</i> , 2003 , 42, L198-L200	1.4	39
96	Effect of Magnetic Field on Solidification in Cu-Pb Monotectic Alloys. <i>ISIJ International</i> , 2003 , 43, 942-949	1.7	68
95	Influence of Magnetic Field Direction on Rearrangement of Martensite Variants in an Fe-Pd Alloy. <i>Materials Transactions</i> , 2003 , 44, 2495-2498	1.3	10
94	Alignment of BiMn Crystal Orientation in Bi-20 at%Mn alloys by Laser Melting under a Magnetic Field. <i>Materials Transactions</i> , 2003 , 44, 2550-2554	1.3	43

93	Formation of Crystallographically Aligned Grains during Coarsening in a Magnetic Field. <i>Materials Transactions</i> , 2003 , 44, 2555-2562	1.3	12
92	Formation of Crystallographically Aligned BiMn Grains by Semi-solid Processing of Rapidly Solidified Bi-Mn Alloys under a Magnetic Field. <i>Materials Transactions</i> , 2003 , 44, 2207-2212	1.3	28
91	Influence of Grain Boundary on Magnetoresistance in Hole Doped Manganites $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$, $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ and $(\text{La}_{0.75}\text{Y}_{0.25})_{0.7}\text{Sr}_{0.3}\text{MnO}_3$. <i>Materials Transactions</i> , 2003 , 44, 2589-2593	1.3	1
90	Shape Anisotropy Evolution of Co Grains in Cu-30at%Co Alloy by Annealing under Magnetic Field. <i>ISIJ International</i> , 2003 , 43, 869-876	1.7	2
89	Generic Guiding Law Between Irreversibility Field and Anisotropy of Chemical Control of Critical Current of High Temperature Superconductors. <i>Journal of Low Temperature Physics</i> , 2003 , 131, 1043-1052	1.3	34
88	Local magnetic properties of high-Tc superconductors probed by scanning SQUID microscopy. <i>Physica C: Superconductivity and Its Applications</i> , 2003 , 388-389, 267-268	1.3	
87	Oxygen Nonstoichiometry in Layered Cobaltite $\text{Ca}_3\text{Co}_4\text{O}_y$. <i>Japanese Journal of Applied Physics</i> , 2003 , 42, L194-L197	1.4	49
86	Magnetization Process Associated with Rearrangement of Martensite Variants in Iron-Based Ferromagnetic Shape Memory Alloys. <i>Materials Research Society Symposia Proceedings</i> , 2003 , 785, 1231		2
85	Thermoelectric properties of highly grain-aligned and densified Co-based oxide ceramics. <i>Journal of Applied Physics</i> , 2003 , 93, 2653-2658	2.5	83
84	Direct Evidence of the Anisotropic Structure of Vortices Interacting with Columnar Defects in High-Temperature Superconductors through the Analysis of Lorentz Images. <i>Journal of the Physical Society of Japan</i> , 2002 , 71, 1840-1843	1.5	12
83	Martensitic Transformation in Shape Memory Alloys under Magnetic Field and Hydrostatic Pressure. <i>Materials Transactions</i> , 2002 , 43, 887-892	1.3	12
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