Shinichi Kikkawa

List of Publications by Year in Descending Order

233 papers	4,873 citations	39 h-index	57 g-index
248 ext. papers	5,148 ext. citations	3.7 avg, IF	5.28 L-index

#	Paper	IF	Citations
233	Formation and morphological change of BaTaO2N perovskite from BaCN2/Ta2O5 mixture. *Journal of Alloys and Compounds*, **2020**, 836, 155459	5.7	0
232	Spark plasma sintering of dielectric BaTaO2N close to the melting point of the BaCN2 additive. *Journal of the European Ceramic Society*, **2020**, 40, 2317-2322	6	2
231	Preparation and thermal stability of oxynitride perovskite solid solution Sr1-La Ta1-Ti O2N. *Journal of the European Ceramic Society*, **2020**, 40, 6288-6292	6	1
230	Precipitation of metal nitride nanoparticles from amorphous (M,Si)-(N,O) thin films (M =Nb, Zr). *Materials Today: Proceedings*, **2019**, 16, 173-179	1.4	
229	Core loss in magnetic rings made of Fe16N2-like iron nitride powder. *Journal of Alloys and Compounds*, **2019**, 789, 697-703	5.7	2
228	Melting Behavior of Alkaline-Earth Metal Carbodiimides and Their Thermochemistry from First-Principles. *Inorganic Chemistry*, **2019**, 58, 8938-8942	5.1	7
227	Niobium oxynitrides with defective rock salt-type structures. *Journal of Alloys and Compounds*, **2019**, 803, 678-683	5.7	1
226	Ferroelectric BaTaON Crystals Grown in a BaCN Flux. *Inorganic Chemistry*, **2019**, 58, 16752-16760	5.1	17
225	Red-emission over a wide range of wavelengths at various temperatures from tetragonal BaCN2:Eu2+. *Journal of Materials Chemistry C*, **2018**, 6, 6370-6377	7.1	17
224	Piezoresponse and microstructure of BaTaO2N ceramics. *Journal of the European Ceramic Society*, **2018**, 38, 3478-3482	6	6
223	Magnetic iron nitrides inspired by historic research on α″-Fe16N2. *Progress in Solid State Chemistry*, **2018**, 51, 19-26	8	14
222	Synthesis of the Perovskite SrTaO2N Using C3N4 for Both Reduction and Nitridation. *Chemistry Letters*, **2018**, 47, 31-33	1.7	11
221	Remarkable effects of local structure in tantalum and niobium oxynitrides. *Progress in Solid State Chemistry*, **2018**, 51, 71-80	8	7
220	Intergrowth between the Oxynitride Perovskite SrTaON and the Ruddlesden-Popper Phase SrTaON. *Inorganic Chemistry*, **2018**, 57, 9086-9095	5.1	7
219	Magnetic core/shell-type composites composed of coarse FePt particles coated with finely powdered iron nitride. *Materials Research Bulletin*, **2018**, 106, 124-130	5.1	1
218	Colored amorphous silica-based powder with TiN nanocrystals precipitated by ammonolysis of TiSiO ternary glass. *Journal of the American Ceramic Society*, **2018**, 102, 109	3.8	0
217	Sintering behavior of dielectric SrTaO2N under high pressure of nitrogen. *Ceramics International*, **2017**, 43, 2737-2742	5.1	7

216	Preparation and optical property of gallium zinc oxynitride powder and nanocrystals with sawtooth-like appearance. *Materials Research Bulletin*, **2017**, 87, 130-134	5.1	1
215	Magnetic porous iron oxide monoliths prepared through epoxide-mediated sol-gel process. *Materials Research Bulletin*, **2017**, 88, 214-217	5.1	2
214	Molten BaCN for the sintering and crystal growth of dielectric oxynitride perovskites SrBaTaON (x = 0.04-0.23). *Dalton Transactions*, **2017**, 46, 16837-16844	4.3	9
213	Magnetic properties of □-Fe16N2-like compound derived from Fe3O4 fine powder coated on hard magnetic BaFe12O19 particles. *Journal of Magnetism and Magnetic Materials*, **2017**, 443, 73-78	2.8	3
212	Partial nitrogen loss in SrTaO2N and LaTiO2N oxynitride perovskites. *Solid State Sciences*, **2016**, 54, 2-6	3.4	31
211	Significant Lanthanoid Substitution Effect on the Redox Reactivity of the Oxygen-Storage Material BaYMn2O5+□ *Chemistry of Materials*, **2016**, 28, 4409-4414	9.6	19
210	Additive sintering and post-ammonolysis of dielectric BaTaO2N oxynitride perovskite. *Journal of the European Ceramic Society*, **2016**, 36, 3341-3345	6	20
209	Nitrogen-Rich Manganese Oxynitrides with Enhanced Catalytic Activity in the Oxygen Reduction Reaction. *Angewandte Chemie - International Edition*, **2016**, 55, 7963-7	16.4	42
208	The electrical conductivity of the oxynitride Li2.3(O0.7N0.3) obtained from the high-temperature oxidation of Li3N. *Solid State Ionics*, **2016**, 285, 38-40	3.3	
207	Crystal structure study of dielectric oxynitride perovskites La1−xSr TiO2+N1−□(x=0, 0.2). *Journal of Solid State Chemistry*, **2016**, 237, 254-257	3.3	14
206	Ferroelectric Response Induced in cis-Type Anion Ordered SrTaO2N Oxynitride Perovskite. *Chemistry of Materials*, **2016**, 28, 1312-1317	9.6	49
205	Nitrogen-Rich Manganese Oxynitrides with Enhanced Catalytic Activity in the Oxygen Reduction Reaction. *Angewandte Chemie*, **2016**, 128, 8095-8099	3.6	7
204	Remarkable Oxygen Intake/Release of BaYMn2O5+□Viewed from High-Temperature Crystal Structure. *Journal of Physical Chemistry C*, **2015**, 119, 2356-2363	3.8	16
203	Direct synthesis of nearly single-phase BaTaO2N and CaTaO2N powders. *Journal of the European Ceramic Society*, **2015**, 35, 3289-3294	6	11
202	Magnetic properties of the ammonolysis product of □-Fe powder containing a small amount of aluminum. *Journal of Solid State Chemistry*, **2015**, 222, 111-114	3.3	4
201	High pressure densification and dielectric properties of perovskite-type oxynitride SrTaO2N. *Journal of the European Ceramic Society*, **2015**, 35, 1191-1197	6	16
200	Preparation and luminescence properties of Eu2+-doped oxynitride feldspar SrAl2−xSi2+xO8−xNx. *Journal of Alloys and Compounds*, **2015**, 618, 254-257	5.7	4
199	Redox characteristics variations in the cation-ordered perovskite oxides BaLnMn2O5+□(Ln = Y, Gd, Nd, and La) and Ca2Al1-xGaxMnO5+□(0≤x≤1). *Dalton Transactions*, **2015**, 44, 10746-52	4.3	19

198	Local structure around the flux pinning centers in superconducting niobium silicon oxynitride (Nb0.87Si0.09?0.04)(N0.87O0.13). *Journal of Solid State Chemistry*, **2014**, 210, 238-241	3.3	9
197	Synthesis and crystal structure of K2NiF4-type novel Gd1+xCa1−xAlO4−xNx oxynitrides. *Journal of Alloys and Compounds*, **2014**, 582, 823-826	5.7	5
196	Exfoliation of one-dimensional TiO5 chain in K2TiO3. *Dalton Transactions*, **2014**, 43, 13751-5	4.3	3
195	Direct synthesis of SrTaO2N from SrCO3/Ta3N5 involving CO evolution. *Journal of the European Ceramic Society*, **2014**, 34, 4451-4455	6	18
194	Microwave absorption of α-Fe2O3 precipitated from sputter deposited FeSiO amorphous thin film by thermal annealing. *Materials Letters*, **2014**, 115, 198-200	3.3	8
193	Fluctuation effects in the niobium oxynitride (Nb0.87Si0.09?0.04)(N0.87O0.13) superconductor. *Superconductor Science and Technology*, **2014**, 27, 085002	3.1	6
192	Magnetic softening of Co doped α''-Fe16N2 containing residual Fe–Co alloy prepared in low temperature nitridation. *Journal of the Ceramic Society of Japan*, **2014**, 122, 288-291	1	7
191	Probing the superconducting properties of the Si-doped Nb-oxynitride superconductor (Nb0.87Si0.09?0.04)(N0.87O0.13). *Physical Review B*, **2014**, 90,	3.3	4
190	Wide Color Variation in SiNO Thin Films Dispersed with Precipitated TiN Nano Particles. *Journal of the American Ceramic Society*, **2014**, 97, 1356-1358	3.8	3
189	Additive Sintering, Postannealing, and Dielectric Properties of SrTaO2N. *Journal of the American Ceramic Society*, **2014**, 97, 1023-1027	3.8	39
188	Hot isostatic press sintering and dielectric properties of SrTaO2N ceramics. *Ceramics International*, **2013**, 39, 3377-3380	5.1	16
187	Oxygen Intake/Release Mechanism of Double-Perovskite Type BaYMn2O5+δ(0≤δ≤1). *Journal of Physical Chemistry C*, **2013**, 117, 12560-12566	3.8	27
186	Oxygen Storage Capability of Brownmillerite-type Ca2AlMnO5+δand Its Application to Oxygen Enrichment. *Chemistry of Materials*, **2013**, 25, 372-377	9.6	71
185	Nanocrystals of Nitrides and Oxides. *Journal of Nano Research*, **2013**, 24, 16-25	1	
184	Superconductivity in quaternary niobium oxynitrides containing main group elements (M=Mg, Al, Si). *Journal of Solid State Chemistry*, **2012**, 188, 66-71	3.3	10
183	Nanowire of hexagonal gallium oxynitride: Direct observation of its stacking disorder and its long nanowire growth. *Journal of the European Ceramic Society*, **2012**, 32, 1989-1993	6	10
182	Sintering and dielectric properties of perovskite SrTaO2N ceramics. *Journal of the European Ceramic Society*, **2012**, 32, 1269-1274	6	45
181	Crystal structure and superconducting properties of hexagonal lithium-niobium oxynitride. *Inorganic Chemistry*, **2012**, 51, 11184-9	5.1	7

180	Crystal structure and magnetic properties of α''-Fe16N2 containing residual α-Fe prepared by low-temperature ammonia nitridation. *Journal of Solid State Chemistry*, **2012**, 194, 76-79	3.3	39
179	First-Principles Study on Relaxor-Type Ferroelectric Behavior without Chemical Inhomogeneity in BaTaO2N and SrTaO2N. *Chemistry of Materials*, **2012**, 24, 4343-4349	9.6	61
178	Local structure of magnetite and maghemite and chemical shift in Fe K-edge XANES. *Journal of Mineralogical and Petrological Sciences*, **2012**, 107, 127-132	0.9	44
177	Oxygen-Storage Materials BaYMn2O5+ from the Quantum-Chemical Point of View. *Chemistry of Materials*, **2012**, 24, 1910-1916	9.6	26
176	SITE OCCUPANCIES OF NITRIDE AND OXIDE IONS IN STRONTIUM NIOBIUM OXYNITRIDE PEROVSKITES. *International Journal of Modern Physics B*, **2011**, 25, 4167-4170	1.1	1
175	Impact of lithium composition on the thermoelectric properties of the layered cobalt oxide system LixCoO2. *Physical Review B*, **2011**, 83,	3.3	25
174	Cathodoluminescence of Ce-doped Gd2SiO5 and Gd9.33(SiO4)6O2 phosphor under continuous electron irradiation. *Journal of Alloys and Compounds*, **2011**, 509, 800-804	5.7	24
173	Crystal growth and characterization of gallium oxynitride nanowires grown on seed crystals. *Journal of Crystal Growth*, **2011**, 337, 87-92	1.6	7
172	Ammonolysis of HTiNbO5 n-Propylamine Intercalation Compound. *Chemistry Letters*, **2011**, 40, 1238-1239	1.7	1
171	Local anionic ordering and anisotropic displacement in dielectric perovskite SrTaO2N. *Journal of the Ceramic Society of Japan*, **2011**, 119, 581-586	1	66
170	Enhanced oxygen intake/release kinetics of BaYMn2O5+.DELTA. fine powders prepared by a wet-chemical route. *Journal of the Ceramic Society of Japan*, **2011**, 119, 894-897	1	18
169	Electron Transport Under Magnetic Field in Insulating Hematite Composites with Spinel Ferrite. *Journal of the American Ceramic Society*, **2011**, 94, 765-770	3.8	1
168	Magnetite/maghemite mixture prepared in benzyl alcohol for the preparation of α''-Fe16N2 with α-Fe. *Journal of the European Ceramic Society*, **2011**, 31, 2471-2474	6	19
167	Crystallization and magnetic property of iron oxide nanoparticles precipitated in silica glass matrix. *Journal of the European Ceramic Society*, **2011**, 31, 2459-2462	6	19
166	Crystal structure of Eu-doped magnetoplumbite-type lanthanum aluminum oxynitride with emission site splitting. *Journal of Solid State Chemistry*, **2011**, 184, 2533-2537	3.3	11
165	Microstructure formation during the annealing of iron nitrides. *Materials Research Bulletin*, **2011**, 46, 547-550	5.1	7
164	Microwave-Assisted Nonaqueous Sol Gel Chemistry for Highly Concentrated ZnO-Based Magnetic Semiconductor Nanocrystals. *Journal of Physical Chemistry C*, **2011**, 115, 1484-1495	3.8	104
163	Silver delafossite nitride, AgTaN2?. *Journal of Solid State Chemistry*, **2011**, 184, 7-11	3.3	16

162	Preparation, crystal structure, and superconductive characteristics of new oxynitrides (Nb1−xMx)(N1−yOy) where M=Mg, Si, and x≈y. *Journal of Solid State Chemistry*, **2011**, 184, 2061-2065	3.3	15
161	Remarkable Oxygen Intake/Release Capability of BaYMn2O5+δ Applications to Oxygen Storage Technologies. *Chemistry of Materials*, **2010**, 22, 3192-3196	9.6	76
160	The z value dependence of photoluminescence in Eu2+-doped β-SiAlON (Si6−zAlzOzN8−z) with 1≥z≥4. *Journal of Alloys and Compounds*, **2010**, 489, 157-161	5.7	46
159	Concentration effect of cerium in (Y0.9−xGd0.1Cex)2SiO5 blue phosphor. *Journal of Alloys and Compounds*, **2010**, 495, 162-166	5.7	15
158	Synthesis and photoluminescence of blue-emitting 15R-sialon:Eu2+ phosphors. *Journal of Alloys and Compounds*, **2010**, 496, 407-412	5.7	11
157	Preparation of gallium oxynitride powder and its nanofibers by the nitridation of a gallium oxide precursor doped with nickel or cobalt obtained via the citrate route. *Dalton Transactions*, **2010**, 39, 6106-11	4.3	14
156	Indium and gallium oxynitrides prepared in the presence of Zn2+ by ammonolysis of the oxide precursors obtained via the citrate route. *Materials Research Bulletin*, **2010**, 45, 505-508	5.1	16
155	Synthesis, thermal stability, and oxygen intake/release characteristics of YBa(Co1−xAlx)4O7+δ *Materials Research Bulletin*, **2010**, 45, 1527-1532	5.1	24
154	Crystal structure and superconductive characteristics of Nb0.89Al0.11 oxynitrides. *Journal of Solid State Chemistry*, **2010**, 183, 1710-1714	3.3	12
153	Humidity effects in Fe16N2 fine powder preparation by low-temperature nitridation. *Journal of Solid State Chemistry*, **2010**, 183, 2236-2241	3.3	34
152	The c-axis texturing of seeded Si3N4 with β-Si3N4 whiskers by slip casting in a rotating magnetic field. *Acta Materialia*, **2010**, 58, 146-161	8.4	41
151	Electronic phase diagram of the layered cobalt oxide system LixCoO2 (0.0≤x≤1.0). *Physical Review B* , **2009**, 80,	3.3	62
150	Structural study of gallium oxynitrides prepared by ammonolysis of different oxide precursors. *Journal Physics D: Applied Physics*, **2009**, 42, 045408	3	13
149	Sputter Deposition of Fe-Co Nitride for Ferromagnetic Granular Nitride Thin Film. *Materials Science Forum*, **2009**, 631-632, 327-331	0.4	1
148	Synthesis, Structure and Properties of Niobium Aluminum Oxynitride and Tantalum Based Compound Prepared through Citrate Route. *Materials Science Forum*, **2009**, 631-632, 167-172	0.4	
147	Preparation of gallium oxynitride in the presence of iron through a citrate route. *Materials Research Bulletin*, **2009**, 44, 1656-1659	5.1	13
146	Structural phase transition in the perovskite-type tantalum oxynitrides, Ca1−xEuxTa(O,N)3. *Materials Research Bulletin*, **2009**, 44, 1899-1905	5.1	17
145	Niobium–aluminum oxynitride prepared by ammonolysis of oxide precursor obtained through the citrate route. *Journal of Alloys and Compounds*, **2009**, 482, 160-163	5.7	15

144	Preparation of Eu-doped □and 15R-SiAlONs by ammonia nitridation of the precursor obtained using aluminum glycine gel. *Journal of Alloys and Compounds*, **2009**, 487, 409-412	5.7	9
143	Optical properties of oxynitride powders. *Journal of the Ceramic Society of Japan*, **2009**, 117, 1-5	1	51
142	Iron source effect on BaFe12O19 preparation through citrate route. *Journal of the Ceramic Society of Japan*, **2009**, 117, 15-17	1	1
141	Magnetoplumbite and W-type barium ferrites as magnetic mixture with hematite. *Journal of the Ceramic Society of Japan*, **2009**, 117, 82-84	1	2
140	Crystal structure and optical properties of oxynitride rare-earth tantalates RTa(O, N) (R=Nd, Gd, Y). *Materials Research Bulletin*, **2008**, 43, 811-818	5.1	10
139	Fine Fe16N2 powder prepared by low-temperature nitridation. *Materials Research Bulletin*, **2008**, 43, 3352-3357	5.1	42
138	Particle size dependence in low temperature nitridation reaction for Fe16N2. *Journal of Alloys and Compounds*, **2008**, 449, 7-10	5.7	23
137	Preparation of magneto-resistive Sr2FeMoO6 through molybdic acid gelation. *Journal of Alloys and Compounds*, **2008**, 449, 93-95	5.7	1
136	Manganese doped gallium oxynitride prepared by nitridation of citrate precursor. *Journal of Alloys and Compounds*, **2008**, 450, 152-156	5.7	21
135	Preparation of titanate coated magnetite powder for cisplatin delivery. *Journal of the Ceramic Society of Japan*, **2008**, 116, 380-383	1	3
134	Chemical synthesis, structural elucidation and quantum-chemical modeling of a Cr3+ doped gallium oxynitride prepared by precursor nitridation. *Solid State Communications*, **2008**, 147, 41-45	1.6	16
133	Preparation of Aluminum Oxynitride by Nitridation of a Precursor Derived from Aluminum□Glycine Gel and the Effects of the Presence of Europium. *Journal of the American Ceramic Society*, **2008**, 91, 924-928	3.8	43
132	Preparation and lithium doping of gallium oxynitride by ammonia nitridation via a citrate precursor route. *Journal of Solid State Chemistry*, **2007**, 180, 1984-1989	3.3	35
131	Gel Combustion Synthesis of Rare Earth Aluminate Using Glycine or Urea. *Journal of the Ceramic Society of Japan*, **2007**, 115, 588-591	1	10
130	Ammonia Nitridation Synthesis and Structural Change of Strontium Cyanamide Polymorphs. *Journal of the Ceramic Society of Japan*, **2007**, 115, 729-731	1	3
129	Magnetoresistance of Post-Annealed Iron Nitride Related Thin Films. *Advances in Science and Technology*, **2006**, 52, 70-74	0.1	3
128	Preparation of apatite-type La9.33(SiO4)6O2 oxide ion conductor by alcoxide-hydrolysis. *Journal of Alloys and Compounds*, **2006**, 408-412, 641-644	5.7	40
127	Gel combustion synthesis of fine crystalline (Y0.95Eu0.05)2O3 phosphor in presence of lithium flux. *Journal of Alloys and Compounds*, **2006**, 408-412, 879-882	5.7	18

126	Gel Nitridation Preparation and Luminescence Property of Eu-dopedRE2O2CN2(RE= La and Gd) Phosphors. *Chemistry Letters*, **2006**, 35, 988-989	1.7	14
125	Formation of hydrotalcite in aqueous solutions and intercalation of ATP by anion exchange. *Journal of Colloid and Interface Science*, **2006**, 300, 648-54	9.3	23
124	Oxide ion conduction mechanism in RE9.33(SiO4)6O2 and Sr2RE8(SiO4)6O2 (RE=La, Nd) from neutron powder diffraction. *Solid State Ionics*, **2006**, 177, 263-268	3.3	81
123	Structure of oxide ion-conducting lanthanum oxyapatite, La9.33(SiO4)6O2. *Solid State Ionics*, **2005**, 176, 1473-1478	3.3	91
122	Preparation of Transparent Conductive (ZnO)mIn2O3 Fine Powder by Gel-Combustion Reaction. *Journal of the American Ceramic Society*, **2005**, 88, 308-311	3.8	17
121	The zebrafish pob gene encodes a novel protein required for survival of red cone photoreceptor cells. *Genetics*, **2005**, 170, 263-73	4	34
120	Preparation and Magnetotransport Properties of Alpha-Fe Nanoparticles Dispersed in AlN Granular Films. *Japanese Journal of Applied Physics*, **2004**, 43, 5671-5672	1.4	13
119	Crystal Structure of Zirconia Prepared with Alumina by Coprecipitation. *Journal of the American Ceramic Society*, **2004**, 85, 721-723	3.8	27
118	(ZnO)3In2O3 fine powder prepared by combustion reaction of nitrates-glycine mixture. *Materials Research Bulletin*, **2004**, 39, 1821-1827	5.1	5
117	Large magnetization of iron nitride at the interface of multilayered iron metal/aluminum nitride thin film deposited by rf sputtering. *Solid State Ionics*, **2004**, 172, 239-241	3.3	4
116	Single crystal growth and oxide ion conductivity of apatite-type rare-earth silicates. *Solid State Ionics*, **2004**, 174, 73-80	3.3	68
115	Oxide ion conduction in Nd9.33(SiO4)6O2 and Sr2Nd8(SiO4)6O2 single crystals grown by floating zone method. *Solid State Ionics*, **2004**, 166, 213-217	3.3	39
114	Single crystal growth and oxide ion conductivity of oxyapatite type Sr-bearing neodymium silicate. *Solid State Ionics*, **2004**, 175, 357-360	3.3	19
113	Synthesis and characterization of hydrotalcite-ATP intercalates. *Solid State Ionics*, **2004**, 172, 607-609	3.3	38
112	Temperature dependence of structural parameters in oxide-ion-conducting Nd9.33(SiO4)6O2: single crystal X-ray studies from 295 to 900 K. *Journal of Solid State Chemistry*, **2004**, 177, 4451-4458	3.3	21
111	Determinations of crystallographic space group and atomic arrangements in oxide-ion-conducting Nd9.33(SiO4)6O2. *Zeitschrift Fur Kristallographie - Crystalline Materials*, **2004**, 219,	1	17
110	Preparation and Microstructure Control of Functional Ceramic Nano-sized Crystals. *Hosokawa Powder Technology Foundation ANNUAL REPORT*, **2004**, 12, 110-113	0	
109	Substitution effect of (Zr1 ? x Nb x)NCl solid solution (0 ? x ? 1). *Journal of Materials Science Letters*, **2003**, 22, 297-298		1

108	Preparation and Characterization of Layered Manganese Oxide (Birnessite) and Its Intercalation Reactions. *Journal of Ion Exchange*, **2003**, 14, 133-136	0.2	
107	Soft solution preparation methods in a ZrO2–Al2O3 binary system. *Solid State Ionics*, **2002**, 151, 359-364	3.3	13
106	Preparation of Fe16N2 by Low Temperature Nitridation.. *Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy*, **2002**, 49, 701-705	0.2	3
105	Modeling the Kinetics of Lithium Ion Incorporation into Tunnel Vacancies of Spinel-Type Manganese Dioxide β-MnO2 from Aqueous Solutions. *Electrochemistry*, **2002**, 70, 622-629	1.2	1
104	Ion-Exchange Properties of Tetratitanic Acid with a Layer Structure for Alkali Metal Ions. *Electrochemistry*, **2002**, 70, 530-535	1.2	2
103	Soft Chemistry and Its Application for New Layered Compounds. *Defect and Diffusion Forum*, **2001**, 191, 1-16	0.7	2
102	Energetics of binary iron nitrides. *Solid State Sciences*, **2000**, 2, 457-462	3.4	74
101	Microstructure and preferred orientation in rf sputter deposited AlN thin film. *Journal of Materials Science Letters*, **2000**, 19, 1625-1627		5
100	Chemical Reactions within Fe/AlN Layered Nanocomposites: A Simulation Study based on Crystal-Chemical Atomic Dynamics. *Japanese Journal of Applied Physics*, **2000**, 39, 3326-3329	1.4	5
99	Giant Magnetism in Fe Metal/AIN Multilayered Thin Film Prepared by RF-Sputter Deposition. *Materials Science Forum*, **2000**, 325-326, 111-116	0.4	3
98	Ion Exchange Properties of Surface Hydroxyl Groups on β-MnO2 for Sodium Ion Adsorption. *Electrochemistry*, **2000**, 68, 984-988	1.2	2
97	RF-sputter deposition of Zn□e nitride thin films. *Solid State Communications*, **1999**, 112, 513-515	1.6	46
96	Eu K-XAFS of europium dioxymono-cyanamide with the conversion He+ ion yield method. *Journal of Synchrotron Radiation*, **1999**, 6, 222-4	2.4	7
95	High pressure synthesis of LnCrS3 (Ln = La, Ce, Nd, Sm) and LaCr1−xFexS3 (x≦0.2) with NH4CdCl3 structure type. *Materials Research Bulletin*, **1999**, 34, 279-288	5.1	9
94	Theoretical calculations on the structures, electronic and magnetic properties of binary 3d transition metal nitrides. *Journal of Materials Chemistry*, **1999**, 9, 1527-1537		121
93	Synthesis of Iron Nitrides FexN (x: 2, 2-3, 4, 16/2) by Nitrogenizing .ALPHA.-Fe in Ammonia Gas, and Magnetic Properties of The Bulk Sample of Fe16N2.. *Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy*, **1999**, 46, 151-155	0.2	32
92	Magnetic properties of (Pb,Cu)1(Sr,Gd)2(La,Gd)2Cu2Oz. *Physica C: Superconductivity and Its Applications*, **1998**, 295, 259-262	1.3	3
91	Some new aspects of low-temperature lithium cobalt oxides prepared through citric acid precursor route. *Materials Research Bulletin*, **1998**, 33, 1845-1855	5.1	11

90	High-Pressure Synthesis of LaMS3(M=Ti, V, Cr). *Journal of Solid State Chemistry*, **1998**, 139, 233-237	3.3	15
89	Formation of tungstic acid in alkyl ammonium aqueous solution. *Solid State Ionics*, **1998**, 113-115, 403-406	3.3	2
88	Oxide ion conduction in A-site deficient La-Ti-Al-O perovskite. *Journal of Materials Chemistry*, **1998**, 8, 1821-1826		24
87	Soft chemical preparation and electrochemical oxygen doping of La2Can−1CunO2n+2. *Journal of Materials Research*, **1998**, 13, 812-815	2.5	2
86	Multilayered and Granular Magnetic Iron Nitrides with Graded Nitrogen Concentration. *Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals*, **1998**, 62, 1031-1037	0.4	2
85	Reactive Co-sputter Deposition and Successive Annealing of Fe-Al-N Thin Film.. *Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy*, **1997**, 44, 674-677	0.2	4
84	Studies on low temperature structure of infinite-layered superconductor Sr1−xLaxCuO2 (0≦x≦0.12). *Physica C: Superconductivity and Its Applications*, **1997**, 290, 1-8	1.3	9
83	Surface hardening of hexagonal BN sintered body by N+- and Ar+-ion implantation. *Journal of Materials Science Letters*, **1997**, 16, 1151-1152		1
82	Tetragonal LaN and its new La?B?N ternary reaction product prepared under high pressure. *Journal of the European Ceramic Society*, **1997**, 17, 1831-1835	6	2
81	Studies on local structure of infinite-layered (Sr1−yCay)1−xLaxCuO2 (0≦x≦0.12, 0≦y≦0.20) superconductor. *Physica C: Superconductivity and Its Applications*, **1997**, 275, 110-118	1.3	2
80	XANES study on electron doped infinite-layer Sr1−xLaxCuO2 (0≦x≦0.12) and (Sr1−yCay)0.9La0.1CuO2 (0≦y≦0.20) superconductors. *Physica C: Superconductivity and Its Applications*, **1997**, 276, 315-320	1.3	4
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