Akira Yoshiasa

List of Publications by Year
in descending order

148	2,138	279798	315739
papers	citations	23 h-index	38 g-index

150	150	150	2523
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Crystal structure, XANES and charge distribution investigation of krennerite and sylvanite: analysis of Auâ€"Te and Teâ€"Te bonds in Au_{1â€“x}Ag_xTe₂ group minerals. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2022, 78, 117-132.	1.1	3
2	Aluminous hydrous magnesium silicate as a lower-mantle hydrogen reservoir: a role as an agent for material transport. Scientific Reports, 2022, 12, 3594.	3.3	2
3	Spinifexâ€like textured metaperidotites from the Higo Metamorphic Rocks, Japan, a possible highâ€pressure dehydration product of antigorite serpentinite. Island Arc, 2021, 30, e12382.	1.1	2
4	Origins of low lattice thermal conductivity of Pb_{1â^'x}Sn_xTe alloys for thermoelectric applications. Dalton Transactions, 2021, 50, 4323-4334.	3.3	28
5	Crystal structure refinement and crystal chemistry of parasymplesite and vivianite. Journal of Mineralogical and Petrological Sciences, 2021, 116, .	0.9	2
6	XAFS and XRD study on Fe, Ni, and Ge in iron meteorite NWA 859. Physics and Chemistry of Minerals, 2021, 48, 1.	0.8	1
7	Crystal structure refinements of stoichiometric Ni₃Se₂ and NiSe. Acta Crystallographica Section C, Structural Chemistry, 2021, 77, 169-175.	0.5	5
8	High-temperature diffraction experiments and phase diagram of ZrO₂ and ZrSiO₄. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2021, 76, 591-597.	0.7	1
9	Synthesis of cubic and monoclinic hafnia nanoparticles by pulsed plasma in liquid method. Ceramics International, 2021, 47, 33988-33996.	4.8	1
10	Crystal synthesis and Debye temperature determination of PdSb2: Usefulness of single crystal precise structure analysis. Journal of Crystal Growth, 2021, 574, 126327.	1.5	5
11	The Tricks of the Chameleon. Unexpected Symmetry of the Diffraction Pattern. Crystal Research and Technology, 2020, 55, 1900063.	1.3	1
12	Cerium oxide (CeO2-x) nanoparticles with high Ce3+ proportion synthesized by pulsed plasma in liquid. Ceramics International, 2020, 46, 26502-26510.	4.8	29
13	Microdiamond in a low-grade metapelite from a Cretaceous subduction complex, western Kyushu, Japan. Scientific Reports, 2020, 10, 11645.	3.3	9
14	Synthesis of Pdâ€"Ru solid-solution nanoparticles by pulsed plasma in liquid method. RSC Advances, 2020, 10, 13232-13236.	3.6	3
15	The importance of cationâ€"cation repulsion in the zirconâ€"reidite phase transition and radiation-damaged zircon. Mineralogical Magazine, 2019, 83, 561-567.	1.4	6
16	Titanian andradite in the Nomo rodingite: Chemistry, crystallography, and reaction relations. Journal of Mineralogical and Petrological Sciences, 2019, 114, 111-121.	0.9	7
17	Homogeneously alloyed nanoparticles of immiscible Agâ€"Cu with ultrahigh antibacterial activity. Colloids and Surfaces B: Biointerfaces, 2019, 180, 466-472.	5.0	31
18	Natural arsenic with a unique order structure: potential for new quantum materials. Scientific Reports, 2019, 9, 6275.	3.3	11

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19	Titanium local coordination environments in Cretaceousâ€“Paleogene and Devonianâ€“Carboniferous boundary sediments as a possible marker for large meteorite impact. Physics and Chemistry of Minerals, 2019, 46, 675-685.	0.8	2
20	Crystal structure and XANES investigation of petzite, Ag₃AuTe₂. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2019, 75, 273-278.	1.1	4
21	Crystal structure refinement of MnTe₂, MnSe₂, and MnS₂: cation-anion and anionâ€“anion bonding distances in pyrite-type structures. Zeitschrift Fur Kristallographie - Crystalline Materials, 2019, 234, 371-377.	0.8	12
22	The effect of high-energy methods of forming on the sintering behaviour and properties of Si3N4-based materials. International Journal of Refractory Metals and Hard Materials, 2019, 80, 277-285.	3.8	2
23	XAFS study of Sb and As in Cretaceousâ€“Tertiary boundary sediments: an index of soiling of the global environment with dust and ashes from impact ejecta falls. Journal of Mineralogical and Petrological Sciences, 2019, 114, 224-230.	0.9	1
24	Effects of a strong gravitational field on Mn-trimers and magnetic properties of hexagonal YMnO3 single crystal. Journal of Physics and Chemistry of Solids, 2019, 129, 172-179.	4.0	0
25	Crystal structure, large distortion of the Zn tetrahedron, and statistical displacement of water molecules in skorpionite. Journal of Mineralogical and Petrological Sciences, 2019, 114, 178-188.	0.9	1
26	The vanadate garnet Ca₂NaCd₂V₃O₁₂: a single-crystal X-ray diffraction study. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 460-464.	0.5	5
27	Determination of elastic constants of single-crystal chromian spinel by resonant ultrasound spectroscopy and implications for fluid inclusion geobarometry. Physics and Chemistry of Minerals, 2018, 45, 237-247.	0.8	2
28	Variableâ€“temperature singleâ€“crystal Xâ€“ray diffraction study of SrGeO₃ highâ€–pressure perovskite phase. Journal of Mineralogical and Petrological Sciences, 2018, 113, 280-285.	0.9	17
29	Synthesis of Pd-Fe System Alloy Nanoparticles by Pulsed Plasma in Liquid. Nanomaterials, 2018, 8, 1068.	4.1	8
30	Crystal structure refinement and chemical formula of prosopite, CaAl₂F₄[(OH)_{4â^'}_xF_x] x = 0.0â€“1.0. Journal of Mineralogical and Petrological Sciences, 2018, 113, 152-158.	0.9	4
31	Determination of the locations of Mn and Fe in Mnâ€“bearing andalusite by anomalous Xâ€“ray scattering and Xâ€“ray absorption fine structure analyses. Journal of Mineralogical and Petrological Sciences, 2018, 113, 273-279.	0.9	4
32	Site occupancy of Fe²⁺, Fe³⁺and Ti⁴⁺in titanomagnetite determined by valence-difference contrast in synchrotron X-ray resonant scattering. Journal of Synchrotron Radiation, 2018, 25, 1694-1702.	2.4	6
33	Rutile- and anatase-type temperature-dependent pre-edge peak intensities in K-edge XANES spectra for AO (Aâ€…=â€…Mn), A 2O3 (Aâ€…=â€…Sc, Cr and Mn) and AO2 (Aâ€…=â€…Ti and V). Journal of Synchrotron Radiation, 2018, 25, 1129-1134.	2.4	25
34	Preâ€Transitional Behavior in Tetragonal to Cubic Phase Transition in HfO₂ Revealed by High Temperature Diffraction Experiments. Physica Status Solidi (B): Basic Research, 2018, 255, 1800090.	1.5	18
35	Determination of Ferroâ€and Antiferroelectricity Using the Temperature Dependence of the Preâ€Edge Features in the XANES Spectra: XANES Study of Tetragonal and Cubic ATiO₃ (Aâ€‰=â€‰Sr, Ba, and Pb)	1.5	171
36	Structure of Single-Crystal Rutile (TiO₂) Prepared by High-Temperature Ultracentrifugation. Crystal Growth and Design, 2017, 17, 1460-1464.	3.0	17

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37	Single-crystal X-ray diffraction study of SrGeO₃ high-pressure perovskite phase at 100 K. Journal of Physics: Conference Series, 2017, 950, 042015.	0.4	2
38	Structural refinement of kÃ¶ttigiteâ€“parasymplesite solid solution: Unique cation site occupancy and chemical bonding with water molecules. Journal of Mineralogical and Petrological Sciences, 2016, 111, 363-369.	0.9	6
39	A new high-pressure strontium germanate, SrGe2O5. Acta Crystallographica Section C, Structural Chemistry, 2016, 72, 716-719.	0.5	3
40	Weathering and precipitation after meteorite impact of Ni, Cr, Fe, Ca and Mn in K-T boundary clays from Stevns Klint. Journal of Physics: Conference Series, 2016, 712, 012097.	0.4	2
41	High-temperature single-crystal X-ray diffraction study of tetragonal and cubic perovskite-type PbTiO₃phases. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2016, 72, 381-388.	1.1	30
42	Effect of strong gravitational field on oriented crystalline perovskite-type manganese oxide La1âˆ’x Sr x MnO3. Journal of Materials Science, 2016, 51, 7899-7906.	3.7	2
43	Heterogeneous diamond phases in compressed graphite studied by electron energy-loss spectroscopy. Diamond and Related Materials, 2016, 64, 190-196.	3.9	10
44	Variable-temperature single-crystal X-ray diffraction study of tetragonal and cubic perovskite-type barium titanate phases. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2016, 72, 151-159.	1.1	26
45	Crystal structure refinements of legrandite, adamite, and paradamite: The complex structure and characteristic hydrogen bonding network of legrandite. Journal of Mineralogical and Petrological Sciences, 2016, 111, 35-43.	0.9	9
46	XAFS study on the Zr local structures in tektites and natural glasses. Journal of Mineralogical and Petrological Sciences, 2015, 110, 1-7.	0.9	7
47	Temperature dependence of crystal structure of CaGeO₃high-pressure perovskite phase and experimental determination of its Debye temperatures studied by low- and high-temperature single-crystal X-ray diffraction. American Mineralogist, 2015, 100, 1190-1202.	1.9	16
48	Crystal structure of post-perovskite-type CaIrO₃reinvestigated: new insights into atomic thermal vibration behaviors. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 1109-1113.	0.5	4
49	Formation of graded vanadium oxide (Vâ€“O compound) under strong gravitational field. Journal of Applied Physics, 2015, 117, 185905.	2.5	1
50	Crystal structure of SrGeO₃in the high-pressure perovskite-type phase. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 502-504.	0.5	11
51	XAFS study of Zr in Cretaceousâ€“Tertiary boundary clays from Stevns Klint. Journal of Mineralogical and Petrological Sciences, 2015, 110, 88-91.	0.9	3
52	Elastic anisotropy of experimental analogues of perovskite and post-perovskite help to interpret Dâ€²â€² diversity. Nature Communications, 2014, 5, 3453.	12.8	15
53	Static disorders of atoms and experimental determination of Debye temperature in pyrope: Low- and high-temperature single-crystal X-ray diffraction study--Reply. American Mineralogist, 2013, 98, 783-784.	1.9	6
54	Synthesis of novel CoC_x@C nanoparticles. Nanotechnology, 2013, 24, 045602.	2.6	31

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55	Temperature dependence of pre-edge features in TiK-edge XANES spectra forATiO₃(A= Ca and Sr),A₂TiO₄(A= Mg) Tj ETQq1 1 0.784314 rgB 20, 641-643.	2.4	15
56	Single-crystal metastable high-temperatureC2/cclinoenstatite quenched rapidly from high temperature and high pressure. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2013, 69, 541-546.	1.1	5
57	Local structure of iron in tektites and natural glass: An insight through X-ray absorption fine structure spectroscopy. Journal of Mineralogical and Petrological Sciences, 2013, 108, 288-294.	0.9	10
58	High energy-resolution electron energy-loss spectroscopy analysis of dielectric property and electronic structure of hexagonal diamond. Diamond and Related Materials, 2012, 25, 40-44.	3.9	10
59	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	52
60	Local structure of Zn in Cretaceous-Tertiary boundary clay from Stevns Klint. Journal of Mineralogical and Petrological Sciences, 2012, 107, 192-196.	0.9	5
61	Pure Tetragonal ZrO₂ Nanoparticles Synthesized by Pulsed Plasma in Liquid. Journal of Physical Chemistry C, 2011, 115, 9370-9375.	3.1	98
62	Crystal Chemistry of MgAl2O4 Spinel Solid Solution-Peculiar Site Preference of Cation Observed Under Substitution and Pressure-. Nihon Kessho Gakkaishi, 2011, 53, 13-18.	0.0	3
63	Synthesis of zirconium carbide (ZrC) nanoparticles covered with graphitic â€œwindowsâ€•by pulsed plasma in liquid. RSC Advances, 2011, 1, 1083.	3.6	22
64	Titanium local structure in tektite probed by X-ray absorption fine structure spectroscopy. Journal of Synchrotron Radiation, 2011, 18, 885-890.	2.4	12
65	Static disorders of atoms and experimental determination of Debye temperature in pyrope: Low- and high-temperature single-crystal X-ray diffraction study. American Mineralogist, 2011, 96, 1593-1605.	1.9	29
66	Wurtzite-type ZnS nanoparticles by pulsed electric discharge. Nanotechnology, 2011, 22, 365602.	2.6	24
67	PRECISE STRUCTURE ANALYSES OF ADVANCED MATERIALS UNDER HIGH-PRESSURE AND HIGH-TEMPERATURE. International Journal of Modern Physics B, 2011, 25, 4159-4162.	2.0	2
68	Ionic Conductivities of CuI Phases at High Pressures and Temperatures. Journal of the Physical Society of Japan, 2010, 79, 51-53.	1.6	2
69	High-Pressure XAFS Study of Pure ZrO₂and Stabilized Cubic ZrO₂. Journal of the Physical Society of Japan, 2010, 79, 48-50.	1.6	2
70	A Peculiar Site Preference of Boron in MgAl_{2â€“x}B_xO₄ (x = 0.0, 0.11, and 0.13) Spinel under Highâ€Pressure and Highâ€TemperatureÂ. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 472-475.	1.2	8
71	Effect of strong gravity on Y1Ba2Cu3O7â^'x superconductor. Journal of Applied Physics, 2010, 108, 053517.	2.5	6
72	Crystal structure and chemistry of conichalcite, CaCu(AsO4)(OH). Journal of Mineralogical and Petrological Sciences, 2009, 104, 125-131.	0.9	6

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73	Preparation of gallium oxynitride in the presence of iron through a citrate route. Materials Research Bulletin, 2009, 44, 1656-1659.	5.2	13
74	Structural phase transition in the perovskite-type tantalum oxynitrides, Ca1â˜'Eu Ta(O,N)3. Materials Research Bulletin, 2009, 44, 1899-1905.	5.2	19
75	Synthesis of single crystal (Mg1â˜'xFex)1â˜'Î´O (x=0.001â€“1.00) solid-solution and electrical conduction mechanism at high temperature and pressure. Journal of Crystal Growth, 2009, 311, 974-977.	1.5	5
76	Pressure and compositional dependence of electric conductivity in the (Mg1â˜'xFex)1â˜'Î´O (x=0.01â€“0.40) solid-solution. Solid State Ionics, 2009, 180, 501-505.	2.7	6
77	High-pressure XAFS study of bulk and nano size ZrO₂particles. Journal of Physics: Conference Series, 2009, 190, 012119.	0.4	2
78	Chemical synthesis, structural elucidation and quantum-chemical modeling of a doped gallium oxynitride prepared by precursor nitridation. Solid State Communications, 2008, 147, 41-45.	1.9	16
79	Crystal structure and optical properties of oxynitride rare-earth tantalates RTaâ€"(O, N) (R=Nd, Gd, Y). Materials Research Bulletin, 2008, 43, 811-818.	5.2	12
80	Manganese doped gallium oxynitride prepared by nitridation of citrate precursor. Journal of Alloys and Compounds, 2008, 450, 152-156.	5.5	22
81	Single-crystal X-ray diffraction study of CaIrO3. American Mineralogist, 2008, 93, 1148-1152.	1.9	21
82	Temperature dependence of EXAFS Debye-Waller factor in the high pressure perovskite SrGeO₃. Journal of Physics: Conference Series, 2008, 121, 102002.	0.4	0
83	EXAFS and XPS Study of Rutile-Type Difluorides of First-Row Transition Metals. AIP Conference Proceedings, 2007, , .	0.4	9
84	Temperature Dependence of XANES Spectra for ATiO3, A2TiO4 and TiO2 Compounds with Structural Phase Transitions. AIP Conference Proceedings, 2007, , .	0.4	12
85	XAFS Study of As in K-T Boundary Clays. AIP Conference Proceedings, 2007, , .	0.4	6
86	Local Structure of Transition Elements (V, Cr, Mn, Fe and Zn) in Al2SiO5 Polymorphs. AIP Conference Proceedings, 2007, , .	0.4	3
87	Pressure Dependence of Anharmonic Effective Pair Potentials in Rock Salt Type AgI. AIP Conference Proceedings, 2007, , .	0.4	2
88	Local Structure Analysis around Kr in Minerals by XAFS. AIP Conference Proceedings, 2007, , .	0.4	0
89	Crystal structure, electron density and diffusion path of the fast-ion conductor copper iodide CuI. Journal of Materials Chemistry, 2006, 16, 4393.	6.7	46
90	Reinvestigation of the MgSiO3 perovskite structure at high pressure. American Mineralogist, 2006, 91, 533-536.	1.9	40

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91	XAFS Study of the PerovskiteType Proton Conductor SrZr0.9Yb0.1O3. Physica Scripta, 2005, , 375.	2.5	1
92	Structure of oxide ion-conducting lanthanum oxyapatite, La9.33(SiO4)6O2. Solid State Ionics, 2005, 176, 1473-1478.	2.7	104
93	Electrical Conductivities and Conduction Mechanisms of Perovskite-Type Na1-xKxMgF3 (x = 0, 0.1,1) and KZnF3.. ChemInform, 2005, 36, no.	0.0	1
94	Anharmonic effective pair potentials in Î±-, Î²- and Î³-CuI determined by extended X-ray absorption fine structure. Solid State Ionics, 2005, 176, 2487-2491.	2.7	9
95	Electrical Conductivities and Conduction Mechanisms of Perovskite-type Na1-xKxMgF3 (x = 0, 0.1, 1) and KZnF3. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 502-506.	1.2	12
96	XAFS Study of AsiteDeficient La0.63Ti0.92Nb0.08O3 Perovskite. Physica Scripta, 2005, , 372.	2.5	0
97	Crystal structure of single-crystal CaGeO3 tetragonal garnet synthesized at 3 GPa and 1000 ÂC. American Mineralogist, 2005, 90, 755-757.	1.9	18
98	Thermal Vibration of the RutileType Difluorides of FirstRow Transition Metals. Physica Scripta, 2005, , 267.	2.5	3
99	Pressure-Induced Structural Change of Liquid Germanate. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2005, 15, 52-59.	0.0	0
100	Pressure-Induced Sharp Coordination Change in Liquid Germanate. Physical Review Letters, 2004, 92, 155506.	7.8	65
101	Single crystal X-ray diffraction study of the vanadate garnet Ca2NaZn2V3O12. Materials Research Bulletin, 2004, 39, 949-956.	5.2	16
102	Oxygen-deficient strontium cobaltate, SrCoO2.64. Acta Crystallographica Section C: Crystal Structure Communications, 2004, 60, i59-i60.	0.4	14
103	Vanadate Garnet, Ca2NaMg2V3O12.. ChemInform, 2004, 35, no.	0.0	0
104	Oxygen-Deficient Strontium Cobaltate, SrCoO2.64.. ChemInform, 2004, 35, no.	0.0	0
105	Temperature dependence of structural parameters in oxide-ion-conducting Nd9.33(SiO4)6O2: single crystal X-ray studies from 295 to 900K. Journal of Solid State Chemistry, 2004, 177, 4451-4458.	2.9	23
106	Determinations of crystallographic space group and atomic arrangements in oxide-ion-conducting Nd9.33(SiO4)6O2. Zeitschrift Fur Kristallographie - Crystalline Materials, 2004, 219, .	0.8	18
107	Phase relation of Na1â^'xKxMgF3 (0 â‰¤ x â‰¤ 1) perovskite-type solid-solutions. Materials Research Bulletin, 2003, 38, 421-427.	5.2	13
108	Vanadate garnet, Ca2NaMg2V3O12. Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, i133-i135.	0.4	13

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109	LiMnVO4. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, i161-i163.	0.2	10
110	Detailed Structures of Hexagonal Diamond (lonsdaleite) and Wurtzite-type BN. Japanese Journal of Applied Physics, 2003, 42, 1694-1704.	1.5	43
111	XAFS study of GeO2glass under pressure. Journal of Physics Condensed Matter, 2002, 14, 10521-10524.	1.8	16
112	Ionic conductivity measurements of zirconia under pressure using impedance spectroscopy. Journal of Physics Condensed Matter, 2002, 14, 11507-11510.	1.8	7
113	Anharmonic effective pair potentials of gold under high pressure and high temperature. Journal of Physics Condensed Matter, 2002, 14, 11511-11515.	1.8	4
114	Anharmonicity of gold under high-pressure and high-temperature. Solid State Communications, 2002, 121, 235-239.	1.9	14
115	Phase relations of AgI under high pressure and high temperature. Solid State Communications, 2002, 123, 213-216.	1.9	18
116	High Al contents in quartz and hydrothermal alteration of the "Roseki" deposits in the Mitsuishi district, Southwest Japan.. Journal of Mineralogical and Petrological Sciences, 2002, 97, 168-176.	0.9	1
117	Pressure Dependence of Effective Pair Potentials in AgBr Determined by Extended X-Ray Absorption Fine Structure. Japanese Journal of Applied Physics, 2001, 40, 2395-2398.	1.5	5
118	For Further Undrestanding of Crystal Symmetry -Key to Single Crystal Diffraction Experiments-. Nihon Kessho Gakkaishi, 2001, 43, 297-305.	0.0	1
119	Structural changes of quartz-type crystalline and vitreous GeO2under pressure. Journal of Synchrotron Radiation, 2001, 8, 791-793.	2.4	12
120	Anharmonic effective pair potentials in CaTiO3, SrTiO3and CaGeO3perovskite. Journal of Synchrotron Radiation, 2001, 8, 940-942.	2.4	10
121	Anharmonic effective pair potentials of group VIII and Ib fcc metals. Journal of Synchrotron Radiation, 2001, 8, 937-939.	2.4	17
122	XAFSã,'ä½¿ã£ã¦ã¿ã¾ã•ã,"ã•. Ganseki Kobutsu Kagaku, 2001, 30, 90-91.	0.1	0
123	Crystal Structure of the High Pressure Phase(II) in CuGeO3. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2000, 626, 36-41.	1.2	20
124	Site Preference of Cations and Structural Variation in MgAl2-xGaxO4 (0â€Šâ‰€Šxâ€Šâ‰€Š2) Spinel Solid Solution. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2000, 626, 42-49.	1.2	28
125	Anharmonic Effective Pair Potentials of Î³- and Î±-CuBr at High Pressure. Japanese Journal of Applied Physics, 2000, 39, 6747-6751.	1.5	12
126	Structure and Lattice Vibration Analyses under High Pressure using X-ray Diffraction and X-ray Absorption Techniques.. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2000, 10, 228-234.	0.0	0

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127	Anharmonic effective pair potentials of Î²- and Î±-AgI determined by I K-edge EXAFS. Solid State Ionics, 1999, 121, 175-182.	2.7	20
128	Cation distribution and crystal chemistry of Y3Al5â^'x Ga x O12 (0 â‰¤ x â‰¤ 5) garnet solid solutions. Acta Crystallographica Section B: Structural Science, 1999, 55, 266-272.	1.8	159
129	Pressure and temperature dependence of EXAFS Debyeâ€“Waller factors in diamond-type and white-tin-type germanium. Journal of Synchrotron Radiation, 1999, 6, 43-49.	2.4	54
130	Local structure and mean-square relative displacement in SiO2and GeO2polymorphs. Journal of Synchrotron Radiation, 1999, 6, 1051-1058.	2.4	24
131	Symmetry change of majorite solid solution in the system Mg₃Al₂Si₃O₁₂-MgSiO₃. American Mineralogist, 1999, 84, 1135-1143.	1.9	45
132	Structure refinement of a birefringent Cr-bearing majorite Mg3(Mg (sub 0.34) Si (sub 0.34) Al (sub 0.18)) Tj ETQq0 0 0 rgBT /Overlock 1	1.9	18
133	The structural study on Fe-pumpellyite. An application of Weissenberg technique combined with a synchrotron radiation and an imaging plate.. Journal of the Mineralogical Society of Japan, 1999, 21, 151-156.	1.0	0
134	Effective Pair Potentials of NaCl- and CsCl-type KBr Determined by X-Ray Absorption Fine Structure under Pressure. Japanese Journal of Applied Physics, 1998, 37, 728-729.	1.5	13
135	The Mean-Square Relative Displacement and Displacement Correlation Functions in Tetrahedrally and Octahedrally Coordinated $f A^{ssmbi{N}}B^{8-ssmbi{N}}$ Crystals. Japanese Journal of Applied Physics, 1997, 36, 781-784.	1.5	89
136	Low-Temperature Heat Capacity of Wurtzite-Type Boron Nitride*1. Japanese Journal of Applied Physics, 1997, 36, 5644-5645.	1.5	13
137	EXAFS study on the short-range correlation of vibrational motion in the Y3Fe5-XGaXO12 garnet solid solution.. Journal of the Mineralogical Society of Japan, 1997, 19, 21-32.	1.0	4
138	Local structure of (Ca, Sr)2 (Mg, Co, Zn) Si2O7 melilite solid-solution with modulated structure. Physics and Chemistry of Minerals, 1996, 23, 81.	0.8	18
139	Synthesis, structure and spin-crossover transition of The Cluster Compound Nb6I11?xBrx (0 ? x ? 2.7). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1994, 620, 1329-1338.	1.2	8
140	On the Active Sites of Hydrogenase from Desulfovibrio vulgaris Miyazaki F. Japanese Journal of Applied Physics, 1993, 32, 553.	1.5	9
141	Ba2In6O13: a compound with distorted square pyramidal InO5 coordination polyhedra.. Journal of the Mineralogical Society of Japan, 1992, 16, 40-48.	1.0	7
142	Local structure and spin state of Co4+ ions in the perovskite-type SrCo1â^'xMnxO3 solid-solution. Journal of Solid State Chemistry, 1990, 86, 75-81.	2.9	18
143	Exafs study of the fluorite-type compounds in the system Bi2O3$z.sbnd;Gd2O3. Solid State Ionics, 1990, 40-41, 288-292.	2.7	2
144	EXAFS studies on anharmonic thermal vibrations in AgI. Solid State Ionics, 1990, 40-41, 341-344.	2.7	12

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145	X-ray and Raman study on coordination states of fluorite- and pyrochlore-type compounds in the system ZrO2-Gd2O3. Solid State Ionics, 1990, 40-41, 357-361.	2.7	36
146	Ionic conductivity of Ag3AsS3 and Ag3AsSe3.. Journal of the Mineralogical Society of Japan, 1989, 14, 293-298.	1.0	4
147	Structure of Sr4Fe6O13, a new perovskite-derivative in the Sr—Fe—O system. Materials Research Bulletin, 1986, 21, 175-181.	5.2	64
148	A manganoan hedenbergite from the Nakatatsu mine, Fukui Prefecture, Japan and its crystal structure.. Journal of the Mineralogical Society of Japan, 1982, 11, 84-92.	1.0	1