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	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
2	Structure of oxide ion-conducting lanthanum oxyapatite, La9.33(SiO4)6O2. Solid State Ionics, 2005, 176, 1473-1478.	2.7	104
3	Pure Tetragonal ZrO₂ Nanoparticles Synthesized by Pulsed Plasma in Liquid. Journal of Physical Chemistry C, 2011, 115, 9370-9375.	3.1	98
4	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
5	Pressure-Induced Sharp Coordination Change in Liquid Germanate. Physical Review Letters, 2004, 92, 155506.	7.8	65
6	Structure of Sr4Fe6O13, a new perovskite-derivative in the Srî—¸Feî—¸O system. Materials Research Bulletin, 1986, 21, 175-181.	5.2	64
7	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
8	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
9	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
10	Symmetry change of majorite solid solution in the system Mg₃Al₂Si₃O₁₂-MgSiO₃. American Mineralogist, 1999, 84, 1135-1143.	1.9	45
11	Detailed Structures of Hexagonal Diamond (lonsdaleite) and Wurtzite-type BN. Japanese Journal of Applied Physics, 2003, 42, 1694-1704.	1.5	43
12	Reinvestigation of the MgSiO3 perovskite structure at high pressure. American Mineralogist, 2006, 91, 533-536.	1.9	40
13	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
14	Synthesis of novel CoC_x@C nanoparticles. Nanotechnology, 2013, 24, 045602.	2.6	31
15	Homogeneously alloyed nanoparticles of immiscible Agâ€“Cu with ultrahigh antibacterial activity. Colloids and Surfaces B: Biointerfaces, 2019, 180, 466-472.	5.0	31
16	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
17	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
18	Cerium oxide (CeO2-x) nanoparticles with high Ce3+ proportion synthesized by pulsed plasma in liquid. Ceramics International, 2020, 46, 26502-26510.	4.8	29

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19	Site Preference of Cations and Structural Variation in MgAl2-xGaxO4 (0â€Šâ‰â€Šxâ€Šâ‰â€Š2) Spinel Solid Solution. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2000, 626, 42-49.	1.2	28
20	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
21	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
22	Local structure and mean-square relative displacement in SiO2and GeO2polymorphs. Journal of Synchrotron Radiation, 1999, 6, 1051-1058.	2.4	24
23	Wurtzite-type ZnS nanoparticles by pulsed electric discharge. Nanotechnology, 2011, 22, 365602.	2.6	24
24	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
25	Manganese doped gallium oxynitride prepared by nitridation of citrate precursor. Journal of Alloys and Compounds, 2008, 450, 152-156.	5.5	22
26	Synthesis of zirconium carbide (ZrC) nanoparticles covered with graphitic â€œwindowsâ€•by pulsed plasma in liquid. RSC Advances, 2011, 1, 1083.	3.6	22
27	Single-crystal X-ray diffraction study of CaIrO3. American Mineralogist, 2008, 93, 1148-1152.	1.9	21
28	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
29	Crystal Structure of the High Pressure Phase(II) in CuGeO3. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2000, 626, 36-41.	1.2	20
30	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
31	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
32	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
33	Phase relations of AgI under high pressure and high temperature. Solid State Communications, 2002, 123, 213-216.	1.9	18
34	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
35	Crystal structure of single-crystal CaGeO3 tetragonal garnet synthesized at 3 GPa and 1000 ÂC. American Mineralogist, 2005, 90, 755-757.	1.9	18
36	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

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37	Structure refinement of a birefringent Cr-bearing majorite Mg3(Mg (sub 0.34) Si (sub 0.34) Al (sub 0.18)) Tj ETQq1 1 0.784314 rgBT	1.9	18
38	Anharmonic effective pair potentials of group VIII and Ib fcc metals. Journal of Synchrotron Radiation, 2001, 8, 937-939.	2.4	17
39	Structure of Single-Crystal Rutile (TiO₂) Prepared by High-Temperature Ultracentrifugation. Crystal Growth and Design, 2017, 17, 1460-1464.	3.0	17
40	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
41	XAFS study of GeO2glass under pressure. Journal of Physics Condensed Matter, 2002, 14, 10521-10524.	1.8	16
42	Single crystal X-ray diffraction study of the vanadate garnet Ca2NaZn2V3O12. Materials Research Bulletin, 2004, 39, 949-956.	5.2	16
43	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
44	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
45	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
46	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
47	Anharmonicity of gold under high-pressure and high-temperature. Solid State Communications, 2002, 121, 235-239.	1.9	14
48	Oxygen-deficient strontium cobaltate, SrCoO2.64. Acta Crystallographica Section C: Crystal Structure Communications, 2004, 60, i59-i60.	0.4	14
49	Low-Temperature Heat Capacity of Wurtzite-Type Boron Nitride*1. Japanese Journal of Applied Physics, 1997, 36, 5644-5645.	1.5	13
50	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
51	Phase relation of Na1â^'xKxMgF3 (0 â‰¤ x â‰¤ 1) perovskite-type solid-solutions. Materials Research Bulletin, 2003, 38, 421-427.	5.2	13
52	Vanadate garnet, Ca2NaMg2V3O12. Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, i133-i135.	0.4	13
53	Preparation of gallium oxynitride in the presence of iron through a citrate route. Materials Research Bulletin, 2009, 44, 1656-1659.	5.2	13
54	EXAFS studies on anharmonic thermal vibrations in AgI. Solid State Ionics, 1990, 40-41, 341-344.	2.7	12

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55	Anharmonic Effective Pair Potentials of Î³- and Î±-CuBr at High Pressure. Japanese Journal of Applied Physics, 2000, 39, 6747-6751.	1.5	12
56	Structural changes of quartz-type crystalline and vitreous GeO2under pressure. Journal of Synchrotron Radiation, 2001, 8, 791-793.	2.4	12
57	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
58	Temperature Dependence of XANES Spectra for ATiO3, A2TiO4 and TiO2 Compounds with Structural Phase Transitions. AIP Conference Proceedings, 2007, , .	0.4	12
59	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
60	Titanium local structure in tektite probed by X-ray absorption fine structure spectroscopy. Journal of Synchrotron Radiation, 2011, 18, 885-890.	2.4	12
61	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
62	Crystal structure of SrGeO₃in the high-pressure perovskite-type phase. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 502-504.	0.5	11
63	Natural arsenic with a unique order structure: potential for new quantum materials. Scientific Reports, 2019, 9, 6275.	3.3	11
64	Anharmonic effective pair potentials in CaTiO3, SrTiO3and CaGeO3perovskite. Journal of Synchrotron Radiation, 2001, 8, 940-942.	2.4	10
65	LiMnVO4. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, i161-i163.	0.2	10
66	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
67	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
68	Heterogeneous diamond phases in compressed graphite studied by electron energy-loss spectroscopy. Diamond and Related Materials, 2016, 64, 190-196.	3.9	10
69	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
70	EXAFS and XPS Study of Rutile-Type Difluorides of First-Row Transition Metals. AIP Conference Proceedings, 2007, , .	0.4	9
71	Microdiamond in a low-grade metapelite from a Cretaceous subduction complex, western Kyushu, Japan. Scientific Reports, 2020, 10, 11645.	3.3	9
72	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

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73	On the Active Sites of Hydrogenase from Desulfovibrio vulgaris Miyazaki F. Japanese Journal of Applied Physics, 1993, 32, 553.	1.5	9
74	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
75	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
76	Synthesis of Pd-Fe System Alloy Nanoparticles by Pulsed Plasma in Liquid. Nanomaterials, 2018, 8, 1068.	4.1	8
77	Ba2In6O13: a compound with distorted square pyramidal InO5 coordination polyhedra.. Journal of the Mineralogical Society of Japan, 1992, 16, 40-48.	1.0	7
78	Ionic conductivity measurements of zirconia under pressure using impedance spectroscopy. Journal of Physics Condensed Matter, 2002, 14, 11507-11510.	1.8	7
79	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
80	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	1.5	7
81	Titanian andradite in the Nomo rodingite: Chemistry, crystallography, and reaction relations. Journal of Mineralogical and Petrological Sciences, 2019, 114, 111-121.	0.9	7
82	XAFS Study of As in K-T Boundary Clays. AIP Conference Proceedings, 2007, , .	0.4	6
83	Crystal structure and chemistry of conichalcite, CaCu(AsO4)(OH). Journal of Mineralogical and Petrological Sciences, 2009, 104, 125-131.	0.9	6
84	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
85	Effect of strong gravity on Y1Ba2Cu3O7â^'x superconductor. Journal of Applied Physics, 2010, 108, 053517.	2.5	6
86	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
87	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
88	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
89	Rutile- and anatase-type temperature-dependent pre-edge peak intensities in K-edge XANES spectra for AO (Aâ€…=â€…Mn), A2O3 (Aâ€…=â€…Sc, Cr and Mn) and AO2 (Aâ€…=â€…Ti and V). Journal of Synchrotron Radiation, 2018, 25, 1129-1134.	2.4	6
90	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

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91	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
92	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
93	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
94	The vanadate garnet Ca₂NaCd₂V₃O₁₂: a single-crystal X-ray diffraction study. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 460-464.	0.5	5
95	Crystal structure refinements of stoichiometric Ni₃Se₂ and NiSe. Acta Crystallographica Section C, Structural Chemistry, 2021, 77, 169-175.	0.5	5
96	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
97	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
98	Ionic conductivity of Ag3AsS3 and Ag3AsSe3.. Journal of the Mineralogical Society of Japan, 1989, 14, 293-298.	1.0	4
99	Anharmonic effective pair potentials of gold under high pressure and high temperature. Journal of Physics Condensed Matter, 2002, 14, 11511-11515.	1.8	4
100	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
101	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
102	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
103	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
104	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
105	Local Structure of Transition Elements (V, Cr, Mn, Fe and Zn) in Al2SiO5 Polymorphs. AIP Conference Proceedings, 2007, , .	0.4	3
106	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
107	A new high-pressure strontium germanate, SrGe2O5. Acta Crystallographica Section C, Structural Chemistry, 2016, 72, 716-719.	0.5	3
108	Synthesis of Pdâ€“Ru solid-solution nanoparticles by pulsed plasma in liquid method. RSC Advances, 2020, 10, 13232-13236.	3.6	3

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109	Thermal Vibration of the RutileType Difluorides of FirstRow Transition Metals. Physica Scripta, 2005, , 267.	2.5	3
110	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
111	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
112	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
113	Pressure Dependence of Anharmonic Effective Pair Potentials in Rock Salt Type AgI. AIP Conference Proceedings, 2007, , .	0.4	2
114	High-pressure XAFS study of bulk and nano size ZrO₂particles. Journal of Physics: Conference Series, 2009, 190, 012119.	0.4	2
115	Ionic Conductivities of CuI Phases at High Pressures and Temperatures. Journal of the Physical Society of Japan, 2010, 79, 51-53.	1.6	2
116	High-Pressure XAFS Study of Pure ZrO₂and Stabilized Cubic ZrO₂. Journal of the Physical Society of Japan, 2010, 79, 48-50.	1.6	2
117	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
118	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
119	Effect of strong gravitational field on oriented crystalline perovskite-type manganese oxide La1â^'x Sr x MnO3. Journal of Materials Science, 2016, 51, 7899-7906.	3.7	2
120	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
121	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
122	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
123	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
124	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
125	Crystal structure refinement and crystal chemistry of parasymplesite and vivianite. Journal of Mineralogical and Petrological Sciences, 2021, 116, .	0.9	2
126	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

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127	For Further Undrestanding of Crystal Symmetry -Key to Single Crystal Diffraction Experiments-. Nihon Kessho Gakkaishi, 2001, 43, 297-305.	0.0	1
128	XAFS Study of the PerovskiteType Proton Conductor SrZr0.9Yb0.1O3. Physica Scripta, 2005, , 375.	2.5	1
129	Electrical Conductivities and Conduction Mechanisms of Perovskite-Type Na1-xKxMgF3 (x = 0, 0.1,1) and KZnF3.. ChemInform, 2005, 36, no.	0.0	1
130	Formation of graded vanadium oxide (Vâ€“O compound) under strong gravitational field. Journal of Applied Physics, 2015, 117, 185905.	2.5	1
131	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
132	The Tricks of the Chameleon. Unexpected Symmetry of the Diffraction Pattern. Crystal Research and Technology, 2020, 55, 1900063.	1.3	1
133	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
134	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
135	Synthesis of cubic and monoclinic hafnia nanoparticles by pulsed plasma in liquid method. Ceramics International, 2021, 47, 33988-33996.	4.8	1
136	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
137	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
138	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
139	Vanadate Garnet, Ca2NaMg2V3O12.. ChemInform, 2004, 35, no.	0.0	0
140	Oxygen-Deficient Strontium Cobaltate, SrCoO2.64.. ChemInform, 2004, 35, no.	0.0	0
141	XAFS Study of AsiteDeficient La0.63Ti0.92Nb0.08O3 Perovskite. Physica Scripta, 2005, , 372.	2.5	0
142	Local Structure Analysis around Kr in Minerals by XAFS. AIP Conference Proceedings, 2007, , .	0.4	0
143	Temperature dependence of EXAFS Debye-Waller factor in the high pressure perovskite SrGeO₃. Journal of Physics: Conference Series, 2008, 121, 102002.	0.4	0
144	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

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145	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
146	XAFSã,'ä½¿ã£ã•¦ ã¿ã¾¾ã›ã,"ã•. Ganseki Kobutsu Kagaku, 2001, 30, 90-91.	0.1	0
147	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
148	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