

Koichiro Fukuda

List of Publications by Year in descending order

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154
papers

2,006
citations

257357

24
h-index

377752

34
g-index

160
all docs

160
docs citations

160
times ranked

1302
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffusion Path and Conduction Mechanism of Oxide Ions in Apatite-Type Lanthanum Silicates. Chemistry of Materials, 2009, 21, 2508-2517.	3.2	105
2	Crystal structure of hexagonal SrAl ₂ O ₄ at 1073K. Journal of Solid State Chemistry, 2005, 178, 2709-2714.	1.4	58
3	Oxide-Ion Conductivity of Highly <i>c</i> -Axis-Oriented Apatite-Type Lanthanum Silicate Polycrystal Formed by Reactive Diffusion between La ₂ SiO ₅ and La ₂ Si ₂ O ₇ . Chemistry of Materials, 2011, 23, 5474-5483.	3.2	57
4	Crystal Structure and Oxide-Ion Conductivity along <i>c</i> -Axis of Apatite-Type Lanthanum Silicate with Excess Oxide Ions. Chemistry of Materials, 2012, 24, 4623-4631.	3.2	45
5	Crystal Structure of Zr ₂ Al ₃ C ₄ . Journal of the American Ceramic Society, 2005, 88, 3528-3530.	1.9	43
6	Synthesis, crystal structure and thermoelectric properties of a new carbide Zr ₂ [Al _{3.56} Si _{0.44}]C ₅ . Journal of Solid State Chemistry, 2007, 180, 1809-1815.	1.4	43
7	Syntheses, crystal structures and Si solubilities of new layered carbides Zr ₂ Al ₄ C ₅ and Zr ₃ Al ₄ C ₆ . Journal of Solid State Chemistry, 2008, 181, 2864-2868.	1.4	42
8	Crystal Structure and Oxide-Ion Conductivity along <i>c</i> -Axis of Si-Deficient Apatite-Type Lanthanum Silicate. Chemistry of Materials, 2013, 25, 2154-2162.	3.2	42
9	Anisotropy of oxide-ion conduction in apatite-type lanthanum silicate. Solid State Ionics, 2012, 217, 40-45.	1.3	40
10	Structural change of oxide-ion-conducting lanthanum silicate on heating from 295 to 1073ÅK. Solid State Ionics, 2007, 178, 1523-1529.	1.3	38
11	Synthesis, crystal structure, and thermoelectric properties of a new layered carbide (ZrC) ₃ [Al _{3.56} Si _{0.44}]C ₃ . Journal of Materials Research, 2007, 22, 2888-2894.	1.2	36
12	Crystal structure of lanthanum oxyorthosilicate, La ₂ SiO ₅ . Powder Diffraction, 2006, 21, 300-303.	0.4	35
13	Thermal Expansion of Yttrium Disilicate. Journal of the American Ceramic Society, 2004, 87, 89-92.	1.9	32
14	High oxide-ion conductivity in Si-deficient La _{9.565} (Si _{5.826} – <i>x</i> 0.174) ₂₆ apatite without interstitial oxygens due to the overbonded channel oxygens. Journal of Materials Chemistry A, 2018, 6, 10835-10846.	5.2	32
15	Orientation of coherent interphase boundaries formed by the $\hat{I} \pm$ to $\hat{I} \pm'$ phase transition in belite crystals. Cement and Concrete Research, 1993, 23, 599-602.	4.6	30
16	Crystal structure, phase transition and anisotropic thermal expansion of barium zirconium diorthophosphate, BaZr(PO ₄) ₂ . Journal of Solid State Chemistry, 2005, 178, 2144-2151.	1.4	29
17	Remelting Reaction within Belite Crystals during Cooling. Journal of the American Ceramic Society, 1992, 75, 2896-2898.	1.9	28
18	Crystal Structure and Thermoelectric Properties of YAl ₃ C ₃ . Journal of the American Ceramic Society, 2007, 90, 3299-3302.	1.9	28

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19	Phase transformation of Ca ₄ [Al ₆ O ₁₂]SO ₄ and its disordered crystal structure at 1073K. Journal of Solid State Chemistry, 2014, 215, 265-270.	1.4	28
20	Crystal structure of Ca ₁₂ Al ₁₄ O ₃₂ Cl ₂ and luminescence properties of Ca ₁₂ Al ₁₄ O ₃₂ Cl ₂ :Eu ²⁺ . Journal of Solid State Chemistry, 2008, 181, 51-55.	1.4	27
21	Direct observation of the ferroelectric polarization in the layered perovskite Bi ₄ Ti ₃ O ₁₂ . Journal of Applied Physics, 2016, 120, 142117.	1.1	27
22	Thermal Hysteresis for the α'↔β Transformations in Strontium Oxide-Doped Dicalcium Silicates. Journal of the American Ceramic Society, 1996, 79, 2969-2970.	1.9	26
23	Anisotropic thermal expansion in yttrium silicate. Journal of Materials Research, 2003, 18, 1715-1722.	1.2	26
24	Improvement in Reactivity and Grindability of Belite-Rich Cement by Remelting Reaction. Journal of the American Ceramic Society, 1999, 82, 2177-2180.	1.9	26
25	Crystal structure of calcium zirconium diorthophosphate, CaZr(PO ₄) ₂ . Powder Diffraction, 2003, 18, 296-300.	0.4	24
26	Determination of the Pcm↔Ibm ² Phase Boundary at High Temperatures in the System Ca ₂ Fe ₂ O ₅ ↔Ca ₂ Al ₂ O ₅ . Journal of the American Ceramic Society, 2002, 85, 1300-1302.	1.9	24
27	Combined Effect of Germanium Doping and Grain Alignment on Oxide-Ion Conductivity of Apatite-Type Lanthanum Silicate Polycrystal. Chemistry of Materials, 2012, 24, 2611-2618.	3.2	24
28	Microtextures Formed by the Remelting Reaction in Belite Crystals. Journal of the American Ceramic Society, 1993, 76, 2942-2944.	1.9	22
29	Cationic substitution in tricalcium aluminate. Cement and Concrete Research, 2003, 33, 1771-1775.	4.6	21
30	Effect of Mg substitution on crystal structure and oxide-ion conductivity of apatite-type lanthanum silicates. Solid State Ionics, 2010, 181, 1024-1032.	1.3	21
31	Thermal expansion of lanthanum silicate oxyapatite (La _{9.33+2x} (SiO ₄) ₆ O _{2+3x}), lanthanum oxyorthosilicate (La ₂ SiO ₅) and lanthanum sorosilicate (La ₂ Si ₂ O ₇). Journal of Solid State Chemistry, 2012, 194, 157-161.	1.4	21
32	Structural Change in Phosphorus-Bearing Dicalcium Silicates. Journal of the Ceramic Society of Japan, 1997, 105, 117-121.	1.3	20
33	Crystal Structure, Structural Disorder, and Hydration Behavior of Calcium Zirconium Aluminate, Ca ₇ ZrAl ₆ O ₁₈ . Chemistry of Materials, 2007, 19, 3726-3731.	3.2	20
34	Synthesis and Crystal Structure of a New Layered Carbide ZrAl ₄ C ₄ . Journal of the American Ceramic Society, 2008, 91, 2713-2715.	1.9	20
35	Electron density distribution and crystal structure of 27R-AlON, Al ₉ O ₃ N ₇ . Journal of Solid State Chemistry, 2013, 204, 21-26.	1.4	20
36	Thermoelastic Behavior in Ca ₂ SiO ₄ Solid Solutions. Journal of the American Ceramic Society, 1996, 79, 2925-2928.	1.9	19

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37	Effect of Al/Fe Ratio in Belite on the Microtexture Induced by the Remelting Reaction. Journal of the American Ceramic Society, 1994, 77, 3027-3029.	1.9	18
38	Crystal structure and phase transformations of calcium yttrium orthophosphate, Ca ₃ Y(PO ₄) ₃ . Journal of Solid State Chemistry, 2006, 179, 3420-3428.	1.4	18
39	Lanthanum- and Oxygen-Deficient Crystal Structures of Oxide-Ion Conducting Apatite-Type Silicates. Journal of the American Ceramic Society, 2008, 91, 3714-3720.	1.9	18
40	Structure Change of Ca ₂ SiO ₄ Solid Solutions with Ba Concentration. Journal of the American Ceramic Society, 1992, 75, 884-888.	1.9	17
41	Effect of MgO and SO ₃ on the Impurity Concentration in Alite in Portland Cement Clinker. Journal of the American Ceramic Society, 1992, 75, 3163-3165.	1.9	17
42	Crystal structure and phase transitions of strontium zirconium diorthophosphate, SrZr(PO ₄) ₂ . Journal of Solid State Chemistry, 2004, 177, 3514-3521.	1.4	17
43	Structural disorder in Ba _{0.6} Sr _{0.4} Al ₂ O ₄ . Journal of Solid State Chemistry, 2005, 178, 3662-3666.	1.4	17
44	Structure and Microtexture Changes in Phosphorous-Bearing Ca ₂ SiO ₄ Solid Solutions. Journal of the American Ceramic Society, 1994, 77, 2615-2619.	1.9	16
45	Electron density distribution and crystal structure of 21R-ALON, Al ₇ O ₃ N ₅ . Powder Diffraction, 2013, 28, 171-177.	0.4	16
46	Transitional Phase of Ca ₂ SiO ₄ Solid Solution with Incommensurate Superstructure. Journal of the American Ceramic Society, 1989, 72, 2204-2207.	1.9	15
47	Kinetics of the alpha-to-alpha'H Polymorphic Phase Transition of Ca ₂ SiO ₄ Solid Solutions. Journal of the American Ceramic Society, 1993, 76, 1821-1824.	1.9	15
48	Remelting reaction of \hat{I} -Ca ₂ SiO ₄ solid solution confirmed in Ca ₂ SiO ₄ -Ca ₁₂ Al ₁₄ O ₃₃ pseudobinary system. Cement and Concrete Research, 2001, 31, 1185-1189.	4.6	15
49	Improvement in Hydration Reactivity of \hat{I} -Phase Belite by Remelting Reaction. Journal of the American Ceramic Society, 2001, 84, 639-641.	1.9	15
50	Phase Stability Study on the Remelting Reaction in Ca ₂ SiO ₄ Solid Solutions. Journal of the American Ceramic Society, 1995, 78, 3387-3389.	1.9	14
51	Structure Change in Strontium Oxide-Doped Dicalcium Silicates. Journal of the American Ceramic Society, 1996, 79, 2577-2581.	1.9	14
52	First discovery and structural characterization of a new compound in Al-Si-O-C system. Journal of Solid State Chemistry, 2009, 182, 2252-2260.	1.4	14
53	Electron density distribution and disordered crystal structure of 15R-SiALON, Si ₄ Al ₄ O ₂ N ₄ . Journal of Solid State Chemistry, 2014, 211, 124-129.	1.4	14
54	Electronic and crystal structures of nanolaminate yttrium aluminum carbide YAl ₃ C ₃ . Chemical Physics Letters, 2008, 451, 48-52.	1.2	13

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55	Enhancement of photoluminescence intensity and structural change by doping of P 5+ ion for Ca 2 ^{x/2} (Si 1 ^x P x) O 4 :Eu 2+ green phosphor. Journal of Alloys and Compounds, 2016, 658, 147-151.	2.8	13
56	Kinetics of Remelting Reaction in Ca ₂ SiO ₄ Solid Solutions. Journal of the Ceramic Society of Japan, 1995, 103, 444-448.	1.3	12
57	Synthesis and structural characterization of a new aluminum oxycarbonitride, Al ₅ (O, C, N) ₄ . Journal of Solid State Chemistry, 2010, 183, 2570-2575.	1.4	12
58	Synthesis and structural characterization of Al ₄ SiC ₄ -homeotypic aluminum silicon oxycarbide, [Al _{4.4} Si _{0.6}][O _{1.0} C _{2.0}]C. Journal of Solid State Chemistry, 2010, 183, 636-642.	1.4	12
59	Crystal structure of layered perovskite compound, Li ₂ LaTa ₂ O ₆ N. Powder Diffraction, 2011, 26, 4-8.	0.4	12
60	Fabrication and Mechanical Properties of Sintered Leucite Body. Journal of the Ceramic Society of Japan, 2005, 113, 488-490.	1.3	11
61	Crystal structures and phase transitions of SrZr(PO ₄) ₂ –BaZr(PO ₄) ₂ solid solutions. Journal of Solid State Chemistry, 2006, 179, 3870-3876.	1.4	11
62	Electron density distribution and crystal structure of lithium strontium silicate, Li ₂ SrSiO ₄ . Powder Diffraction, 2010, 25, 4-8.	0.4	11
63	Impurity Distribution During Crystal Growth of Alite in Portland Cement Clinker. Journal of the American Ceramic Society, 1991, 74, 2082-2085.	1.9	10
64	Anisotropic Thermal Expansion in CaAl ₄ O ₇ . Journal of Materials Research, 2002, 17, 1050-1054.	1.2	10
65	Comminution of Asbestos by a Mechanical Grinding in Asbestos-Containing Cement Board. Journal of the Ceramic Society of Japan, 2005, 113, 804-807.	1.3	10
66	Anisotropic Thermal Expansion of Ca ₂ SiO ₄ Monoclinic Crystal. Journal of the American Ceramic Society, 1997, 80, 1595-1598.	1.9	10
67	Thermal Expansion of SrY ₂ O ₄ . Journal of the American Ceramic Society, 2005, 88, 3205-3206.	1.9	10
68	Synthesis and Crystal Structure of a New Layered Carbide ZrAl ₈ C ₇ . Journal of the American Ceramic Society, 2008, 91, 3758-3761.	1.9	10
69	Synthesis and structural characterization of Al ₄ Si ₂ C ₅ -homeotypic aluminum silicon oxycarbide, (Al _{6-x} Si _x)(O _y C _{5-y}) (x ^{1/4} 0.8 and y ^{1/4} 1.6). Journal of Solid State Chemistry, 2010, 183, 2183-2189.	1.4	10
70	Crystal structures and enhancement of photoluminescence intensities by effective doping for lithium tantalate phosphors. Powder Diffraction, 2015, 30, 326-332.	0.4	10
71	Oxide-Ion Conductivity Enhancement of Polycrystalline Lanthanum Silicate Oxyapatite Induced by BaO Doping and Grain Alignment. Crystal Growth and Design, 2016, 16, 4519-4525.	1.4	10
72	Crystal structures and polymorphism of Sr ₄ [Al ₆ O ₁₂]SO ₄ . Journal of the Ceramic Society of Japan, 2017, 125, 364-370.	0.5	10

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73	Characterization of Liquid Exsolved by Remelting Reaction of Belite. Journal of the American Ceramic Society, 2001, 84, 1155-1160.	1.9	9
74	Substitution of Sodium and Silicon in Tricalcium Aluminate. Journal of the American Ceramic Society, 2003, 86, 112-114.	1.9	9
75	Fractional Crystallization of Liquid Coexisting with Ca_2SiO_4 Solid Solution in the $\text{CaO}-\text{SiO}_2-\text{Al}_2\text{O}_3-\text{Fe}_2\text{O}_3$ Pseudoquaternary System. Journal of the American Ceramic Society, 2003, 86, 2154-2161.	1.9	9
76	Detoxification of industrial asbestos waste by low-temperature heating in a vacuum. Journal of the Ceramic Society of Japan, 2008, 116, 242-246.	0.5	9
77	Well-aligned polycrystalline lanthanum silicate oxyapatite grown by reactive diffusion between solid La_2SiO_5 and gases $[\text{SiO} + 1/2\text{O}_2]$. Journal of Solid State Chemistry, 2016, 235, 1-6.	1.4	9
78	Structural modifications of lanthanum silicate oxyapatite exposed to high water pressure. Journal of the European Ceramic Society, 2017, 37, 2149-2158.	2.8	9
79	Highly Reactive Remelted Belite. Journal of the American Ceramic Society, 1999, 82, 637-640.	1.9	8
80	Effect of Crystal Grain Size and Thermal Stress on Martensitic Transformation of Phosphorus-Bearing Dicalcium Silicates. Journal of the American Ceramic Society, 1998, 81, 2729-2731.	1.9	8
81	Synthesis and Crystal Structure of a New Layered Carbide $[\text{Zr}_{1.97}\text{Y}_{0.03}]\text{Al}_4\text{C}_5$. Journal of the American Ceramic Society, 2008, 91, 1342-1345.	1.9	8
82	Synthesis and structural characterization of $\text{Al}_7\text{C}_3\text{N}_3$ -homeotypic aluminum silicon oxycarbonitride, $(\text{Al}_{7-x}\text{Si}_x)(\text{OyCzN}_6\text{y}^z)$ ($x \sim 1/4$ 1.2, $y \sim 1/4$ 1.0 and $z \sim 1/4$ 3.5). Journal of Solid State Chemistry, 2011, 184, 2278-2284.	1.4	8
83	Synthesis and Disordered Crystal Structure of $\text{Al}_3\text{O}_3.5\text{C}_0.5$. Inorganic Chemistry, 2013, 52, 2648-2653.	1.9	8
84	Syntheses and crystal structures of $\text{Li}(\text{Ta}_{0.89}\text{Ti}_{0.11})\text{O}_{2.945}$ and $(\text{Li}_{0.977}\text{Eu}_{0.023})(\text{Ta}_{0.89}\text{Ti}_{0.11})\text{O}_{2.968}$. Powder Diffraction, 2013, 28, 178-183.	0.4	8
85	Enhancement of PL intensity and formation of core-shell structure in annealed $\text{Ca}_{2-x/2}(\text{Si}_{1-x}\text{P}_x)\text{O}_4$: Eu^{2+} phosphor. Materials Research Bulletin, 2016, 83, 502-506.	2.7	8
86	Microtexture of Ca -Oriented Polycrystalline Lanthanum Silicate Oxyapatite Formed by Reactive Diffusion. Journal of the American Ceramic Society, 2016, 99, 2816-2822.	1.9	8
87	Crystal structure and magnetism in the $S = 1/2$ spin dimer compound $\text{NaCu}_2\text{VP}_2\text{O}_{10}$. IUCr, 2020, 7, 656-662.	1.0	8
88	Chemical zoning of calcium aluminoferrite formed during melt crystallization in $\text{CaO}-\text{SiO}_2-\text{Al}_2\text{O}_3-\text{Fe}_2\text{O}_3$ pseudoquaternary system. Cement and Concrete Research, 2004, 34, 1535-1540. ^{4,6}		7
89	Evaluation of Heated Chrysotile Using Phase-Contrast Microscope. Journal of the Ceramic Society of Japan, 2006, 114, 716-718.	1.3	7
90	Crystal Structure and Oxide-Ion Conductivity of Highly Grain-Aligned Polycrystalline Lanthanum Germanate Oxyapatite Grown by Reactive Diffusion between Solid La_2GeO_5 and Gases $[\text{GeO} + 1/2\text{O}_2]$. Crystal Growth and Design, 2015, 15, 3435-3441.	1.4	7

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91	Structure and ionic conductivity of well-aligned polycrystalline sodium titanogallate grown by reactive diffusion. <i>Journal of Solid State Chemistry</i> , 2015, 229, 252-259.	1.4	7
92	Crystal structure and physical properties of Cr and Mn oxides with $3d^{3+}$ electronic configuration and a K_2NiF_4 -type structure. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3452-3459.	2.7	7
93	Discovery of the High-Pressure Phase of $Ba_3W_2O_9$ and Determination of Its Crystal Structure. <i>Inorganic Chemistry</i> , 2017, 56, 13007-13013.	1.9	7
94	The Effect of Heat Treatment on the Emission Color of P-Doped Ca_2SiO_4 Phosphor. <i>Materials</i> , 2017, 10, 1000.	1.3	7
95	Acceleration of Early Hydration in Belite-Rich Cement by Remelting Reaction.. <i>Journal of the Ceramic Society of Japan</i> , 1999, 107, 901-906.	1.3	6
96	Recent Progress in Crystal Chemistry of Belite. Intracrystalline Microtextures Induced by Phase Transformations and Application of Remelting Reaction to Improvement of Hydration Reactivity.. <i>Journal of the Ceramic Society of Japan</i> , 2001, 109, S43-S48.	1.3	6
97	$[Zr_{0.72}Y_{0.28}]Al_4C_4$: A new member of the homologous series $(MC)_l(T_4C_3)_m$ ($M=Zr, Y$ and $Hf, T=Al, Si$ and) T_j ETQ_{q1} 1 0.784314 rgB	1.4	6
98	Syntheses and crystal structures of Si-bearing layered carbides $ZrAl_8C_7$ and $ZrAl_4C_4$. <i>Journal of the Ceramic Society of Japan</i> , 2009, 117, 37-41.	0.5	6
99	Reinvestigation of crystal structure and structural disorder of $Ba_3MgSi_2O_8$. <i>Powder Diffraction</i> , 2009, 24, 180-184.	0.4	6
100	Melt differentiation and crystallization of clinker minerals in a $CaO-SiO_2-Al_2O_3-Fe_2O_3$ pseudoquaternary system. <i>Cement and Concrete Research</i> , 2010, 40, 167-170.	4.6	6
101	Electron-density distribution and disordered crystal structure of $12H-SiAlON$, $Si_5Al_2N_5$. <i>Powder Diffraction</i> , 2014, 29, 318-324.	0.4	6
102	Local structure and oxide-ion conduction mechanism in apatite-type lanthanum silicates. <i>Science and Technology of Advanced Materials</i> , 2017, 18, 644-653.	2.8	6
103	Ordinary and extraordinary structural phase transitions in the perovskite-related layered compound $Sr_3W_2O_9$. <i>Physical Review B</i> , 2019, 99, .	1.1	6
104	Powder X-ray diffraction data of a new calcium zirconium phosphate $Ca_7Zr(PO_4)_6$. <i>Powder Diffraction</i> , 2004, 19, 385-387.	0.4	5
105	Melt Differentiation Induced by Zonal Structure Formation of Calcium Aluminoferrite in a $CaO-SiO_2-Al_2O_3-Fe_2O_3$ Pseudoquaternary System. <i>Journal of the American Ceramic Society</i> , 2005, 88, 954-962.	1.9	5
106	Detoxification of Asbestos-Containing Building Material Waste and Its Application to Cement Product. <i>Journal of the Ceramic Society of Japan</i> , 2007, 115, 290-293.	1.3	5
107	Crystallization of belite-melilite clinker minerals in the presence of liquid phase. <i>Cement and Concrete Research</i> , 2014, 60, 63-67.	4.6	5
108	Electron density distribution and disordered crystal structure of $8H-SiAlON$, $Si_3Al_{1+x}O_{N5-x}$ ($x=2.2$). <i>Journal of Solid State Chemistry</i> , 2014, 213, 169-175.	1.4	5

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109	Disordered crystal structure of 20H-ALON, Al ₁₀₀ O ₃ N ₈ . Journal of Solid State Chemistry, 2015, 230, 149-154.	1.4	5
110	Flux growth of doped lanthanum silicate oxyapatite crystals with hexagonal tabular morphology. Journal of the Ceramic Society of Japan, 2019, 127, 143-149.	0.5	5
111	Charge ordering and successive phase transitions of mixed-valence iron oxide GdBaFe ₂ O ₅ . Journal of Solid State Chemistry, 2020, 282, 121069.	1.4	5
112	Incommensurately Modulated Crystal Structure and Photoluminescence Properties of Eu ₂ O ₃ - and P ₂ O ₅ -Doped Ca ₂ SiO ₄ Phosphor. Materials, 2020, 13, 58.	1.3	5
113	Detoxification of Sprayed Crocidolite. Journal of the Ceramic Society of Japan, 2006, 114, 1150-1154.	1.3	4
114	Melt Differentiation Induced by Crystallization of Cement Clinker Minerals in a CaO-SiO ₂ -Al ₂ O ₃ -Fe ₂ O ₃ Pseudoquaternary System. Journal of the American Ceramic Society, 2008, 91, 4093-4100.	1.9	4
115	Syntheses and crystal structures of Ge-bearing layered carbides Zr ₂ Al ₄ C ₅ and Zr ₃ Al ₄ C ₆ . Journal of the Ceramic Society of Japan, 2009, 117, 22-26.	0.5	4
116	Electron density distribution and crystal structure of Ca _{1-x} /2AlSi(N _{3-x} O _x):Eu ²⁺ (x ≈ 0.11). Powder Diffraction, 2011, 26, S38-S43.	0.4	4
117	Crystal Structure and Photoluminescence Properties of an Incommensurate Phase in EuO- and P ₂ O ₅ -Doped Ca ₂ SiO ₄ . Inorganic Chemistry, 2019, 58, 6155-6160.	1.9	4
118	Structural Transition with a Sharp Change in the Electrical Resistivity and Spin-Orbit Mott Insulating State in a Rhenium Oxide, Sr ₃ Re ₂ O ₉ . Inorganic Chemistry, 2021, 60, 507-514.	1.9	4
119	Templated grain growth of textured lanthanum silicate oxyapatite ceramics. Journal of the Ceramic Society of Japan, 2020, 128, 954-961.	0.5	4
120	Effect of Substituent Ions on Martensitic Transformation Temperatures in Dicalcium Silicate Solid Solutions. Journal of the American Ceramic Society, 2002, 85, 1804-1806.	1.9	3
121	Electron density distribution and crystal structure of 27R-SIALON, Si ₃ Al ₆ O ₁₀ N ₄ (x ≈ 1.9). Journal of the Ceramic Society of Japan, 2014, 122, 281-287.		
122	High-pressure synthesis and crystal structure of the strontium tungstate Sr ₃ W ₂ O ₉ . Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 120-124.	0.2	3
123	High-purity synthesis of La ₂ SiO ₅ by solid-state reaction between La ₂ O ₃ and different characteristics of SiO ₂ . Ceramics International, 2020, 46, 25546-25555.	2.3	3
124	Morphology and oxide-ion conductivity of flux grown single crystals of BaO-doped lanthanum silicate oxyapatite. Solid State Ionics, 2020, 346, 115219.	1.3	3
125	Average and Local Crystal Structures of Multiferroic Eu ^{1-x} Y _x MnO ₃ (x = 0.2 and 0.4). Physica Status Solidi (B): Basic Research, 2020, 257, 2000334.	0.7	3
126	Anisotropic Thermal Expansion and Phase Transition in Sc ₂ (MoO ₄) ₃ . Journal of the Ceramic Society of Japan, 2001, 109, 846-850.	1.3	2

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127	Surface Relief Induced by Martensitic Transformation in Phosphorus-Bearing Dicalcium Silicate. <i>Journal of the American Ceramic Society</i> , 2000, 83, 2097-2099.	1.9	2
128	Synthesis of Leucite Crystals Using Potash Feldspar. <i>Journal of the Ceramic Society of Japan</i> , 2004, 112, 242-244.	1.3	2
129	Fabrication and Cathode Luminescence of Partially MgO-Substituted ZnO Powders. <i>Journal of the Ceramic Society of Japan</i> , 2006, 114, 620-623.	1.3	2
130	Detoxification of Sprayed Amosite. <i>Journal of the Ceramic Society of Japan</i> , 2007, 115, 562-566.	0.5	2
131	Structural Disorder and Intracrystalline Microtexture of $\text{H}-(\text{Ba}_{0.24}\text{Ca}_{0.76})_2\text{SiO}_4$. <i>Journal of the American Ceramic Society</i> , 2007, 90, 925-931.	1.9	2
132	Electron density distribution and crystal structure of lithium barium silicate, $\text{Li}_2\text{BaSiO}_4$. <i>Powder Diffraction</i> , 2010, 25, 336-341.	0.4	2
133	Morphology of $\text{H}_2\text{Ca}_2\text{SiO}_4$ Solid Solution Crystals. <i>Journal of the American Ceramic Society</i> , 2010, 93, 353-355.	1.9	2
134	Disordered crystal structure of H_2SiAlON , $\text{Si}_3\text{Al}_5\text{O}_{12}$ and $\text{Si}_3\text{Al}_5\text{O}_{12}$ ($x=2.6$). <i>Journal of the Ceramic Society of Japan</i> , 2016, 124, 875-880.		
135	Crystal Structure and Cation Distribution of the X-type Hexaferrite $\text{Sr}_2\text{Co}_2\text{Fe}_{28}\text{O}_{46}$. <i>Journal of the Physical Society of Japan</i> , 2020, 89, 034601.	0.7	2
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