

Koichiro Fukuda

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Octahedral Tilting and Modulation Structure in Perovskite-Related Compound $\text{La}_{1/3}\text{NbO}_3$. <i>Physica Status Solidi (B): Basic Research</i> , 2022, 259, .	1.5	1
2	Discovery of Fast Calcium-Ion Conduction in Grossite-Type Compounds CaAl_4O_7 and CaGa_4O_7 by Bond Valence Screening Method. <i>ACS Applied Energy Materials</i> , 2022, 5, 3227-3234.	5.1	2
3	Unique octahedral rotation pattern in the oxygen-deficient Ruddlesden-Popper compound $\text{Gd}_3\text{Ba}_2\text{Fe}_4\text{O}_{12}$. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2021, 77, 286-290.	0.5	0
4	Impurity-Induced Antiferromagnetism in $S = 1/2$ Alternating Chain System $\text{NaCu}_2\text{VP}_2\text{O}_{10}$. <i>Journal of the Physical Society of Japan</i> , 2021, 90, 085002.	1.6	0
5	Structural Transition with a Sharp Change in the Electrical Resistivity and Spin-Orbit Mott Insulating State in a Rhenium Oxide, $\text{Sr}_3\text{Re}_2\text{O}_9$. <i>Inorganic Chemistry</i> , 2021, 60, 507-514.	4.0	4
6	Charge ordering and successive phase transitions of mixed-valence iron oxide $\text{GdBaFe}_2\text{O}_5$. <i>Journal of Solid State Chemistry</i> , 2020, 282, 121069.	2.9	5
7	Incommensurately Modulated Crystal Structure and Photoluminescence Properties of Eu_2O_3 - and P_2O_5 -Doped Ca_2SiO_4 Phosphor. <i>Materials</i> , 2020, 13, 58.	2.9	5
8	High-purity synthesis of La_2SiO_5 by solid-state reaction between La_2O_3 and different characteristics of SiO_2 . <i>Ceramics International</i> , 2020, 46, 25546-25555.	4.8	3
9	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.	1.6	2
10	Morphology and oxide-ion conductivity of flux grown single crystals of BaO-doped lanthanum silicate oxyapatite. <i>Solid State Ionics</i> , 2020, 346, 115219.	2.7	3
11	Crystal structure and magnetism in the $S = 1/2$ spin dimer compound $\text{NaCu}_2\text{VP}_2\text{O}_{10}$. <i>IUCr</i> , 2020, 7, 656-662.	2.2	8
12	Average and Local Crystal Structures of Multiferroic $\text{Eu}^{1-x}\text{Y}_x\text{MnO}_3$ ($x = 0.2$ and 0.4). <i>Physica Status Solidi (B): Basic Research</i> , 2020, 257, 2000334.	1.5	3
13	Templated grain growth of textured lanthanum silicate oxyapatite ceramics. <i>Journal of the Ceramic Society of Japan</i> , 2020, 128, 954-961.	1.1	4
14	ANALYSIS OF DISORDERED CRYSTAL STRUCTURE OF $\text{Y}_{1/4}\text{Ca}_{3/4}\text{Al}_6\text{O}_{12}\text{SO}_4$ FROM X-RAY POWDER DIFFRACTION DATA. <i>Cement Science and Concrete Technology</i> , 2019, 72, 2-9.		
15	Crystal Structure and Photoluminescence Properties of an Incommensurate Phase in EuO - and P_2O_5 -Doped Ca_2SiO_4 . <i>Inorganic Chemistry</i> , 2019, 58, 6155-6160.	4.0	4
16	Grain-oriented polycrystalline sodium titanate formed by reactive diffusion between solid Al_2TiO_5 and liquid [25 mol % Na_2O and 75 mol % TiO_2]. <i>Journal of the Ceramic Society of Japan</i> , 2019, 127, 150-157.	1.1	1
17	Flux growth of doped lanthanum silicate oxyapatite crystals with hexagonal tabular morphology. <i>Journal of the Ceramic Society of Japan</i> , 2019, 127, 143-149.	1.1	5
18	Ordinary and extraordinary structural phase transitions in the perovskite-related layered compound $\text{Sr}_3\text{W}_2\text{O}_9$. <i>Physical Review B</i> , 2019, 99, .	3.2	6

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37	Exploration of novel inorganic compounds using diffractometry and microscopy toward innovative functions. Journal of the Ceramic Society of Japan, 2015, 123, 623-629.	1.1	1
38	B23-P-03 Lorentz electron microscopy study on an X-type hexaferrite. Microscopy (Oxford, England), 2015, 64, i113.1-i113.	1.5	0
39	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.	3.0	7
40	Structure and ionic conductivity of well-aligned polycrystalline sodium titanogallate grown by reactive diffusion. Journal of Solid State Chemistry, 2015, 229, 252-259.	2.9	7
41	Disordered crystal structure of 20H-ALON, $\text{Al}_{10}\text{O}_3\text{N}_8$. Journal of Solid State Chemistry, 2015, 230, 149-154.	2.9	5
42	Crystal structure and physical properties of Cr and Mn oxides with $3d^3$ electronic configuration and a K_2NiF_4 -type structure. Journal of Materials Chemistry C, 2015, 3, 3452-3459.	5.5	7
43	Electron-density distribution and disordered crystal structure of 12H-SiAlON, $\text{Si}_5\text{O}_2\text{N}_5$. Powder Diffraction, 2014, 29, 318-324.	0.2	6
44	Crystallization of belite "melilite clinker minerals in the presence of liquid phase. Cement and Concrete Research, 2014, 60, 63-67.	11.0	5
45	Electron density distribution and disordered crystal structure of 8H-SiAlON, $\text{Si}_3\text{Al}_{1+x}\text{O}_x\text{N}_5$ ($x \sim 2.2$). Journal of Solid State Chemistry, 2014, 213, 169-175.	2.9	5
46	Phase transformation of $\text{Ca}_4[\text{Al}_6\text{O}_{12}]\text{SO}_4$ and its disordered crystal structure at 1073K. Journal of Solid State Chemistry, 2014, 215, 265-270.	2.9	28
47	Electron density distribution and disordered crystal structure of 15R-SiAlON, $\text{Si}_4\text{O}_2\text{N}_4$. Journal of Solid State Chemistry, 2014, 211, 124-129.	2.9	14
48	Electron density distribution and crystal structure of 27R-SiAlON, $\text{Si}_3\text{Al}_6\text{O}_x\text{N}_{10+x}$ ($x \sim 1.9$). Journal of the Ceramic Society of Japan, 2014, 122, 281-287.		
49	Syntheses and Oxide-Ion Conductivity of Highly c-Axis-Oriented Polycrystals of Apatite-Type Lanthanum Silicates. Nihon Kessho Gakkaishi, 2014, 56, 43-48.	0.0	0
50	Electron density distribution and crystal structure of 27R-ALON, $\text{Al}_9\text{O}_3\text{N}_7$. Journal of Solid State Chemistry, 2013, 204, 21-26.	2.9	20
51	Crystal Structure and Oxide-Ion Conductivity along c-Axis of Si-Deficient Apatite-Type Lanthanum Silicate. Chemistry of Materials, 2013, 25, 2154-2162.	6.7	42
52	Synthesis and Disordered Crystal Structure of $\text{Al}_3\text{O}_3.5\text{C}_0.5$. Inorganic Chemistry, 2013, 52, 2648-2653.	4.0	8
53	Electron density distribution and crystal structure of 21R-ALON, $\text{Al}_7\text{O}_3\text{N}_5$. Powder Diffraction, 2013, 28, 171-177.	0.2	16
54	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.	0.2	8

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55	Combined Effect of Germanium Doping and Grain Alignment on Oxide-Ion Conductivity of Apatite-Type Lanthanum Silicate Polycrystal. <i>Chemistry of Materials</i> , 2012, 24, 2611-2618.	6.7	24
56	Crystal Structure and Oxide-Ion Conductivity along <i>c</i> -Axis of Apatite-Type Lanthanum Silicate with Excess Oxide Ions. <i>Chemistry of Materials</i> , 2012, 24, 4623-4631.	6.7	45
57	Thermal expansion of lanthanum silicate oxyapatite ($\text{La}_{9.33+2x}(\text{SiO}_4)_6\text{O}_{2+3x}$), lanthanum oxyorthosilicate (La_2SiO_5) and lanthanum sorosilicate ($\text{La}_2\text{Si}_2\text{O}_7$). <i>Journal of Solid State Chemistry</i> , 2012, 194, 157-161.	2.9	21
58	Anisotropy of oxide-ion conduction in apatite-type lanthanum silicate. <i>Solid State Ionics</i> , 2012, 217, 40-45.	2.7	40
59	Oxide-Ion Conductivity of Highly <i>c</i> -Axis-Oriented Apatite-Type Lanthanum Silicate Polycrystal Formed by Reactive Diffusion between La_2SiO_5 and $\text{La}_2\text{Si}_2\text{O}_7$. <i>Chemistry of Materials</i> , 2011, 23, 5474-5483.	6.7	57
60	Crystal structure of layered perovskite compound, $\text{Li}_2\text{LaTa}_2\text{O}_6\text{N}$. <i>Powder Diffraction</i> , 2011, 26, 4-8.	0.2	12
61	Electron density distribution and crystal structure of $\text{Ca}_{1-x}/2\text{AlSi}(\text{N}_{3-x}\text{O}_x):\text{Eu}^{2+}$ ($x \approx 0.11$). <i>Powder Diffraction</i> , 2011, 26, S38-S43.	0.2	4
62	Synthesis and structural characterization of $\text{Al}_7\text{C}_3\text{N}_3$ -homeotypic aluminum silicon oxycarbonitride, $(\text{Al}_{7-x}\text{Si}_x)(\text{O}_y\text{C}_z\text{N}_{6-y-z})$ ($x \approx 1.2$, $y \approx 1.0$ and $z \approx 3.5$). <i>Journal of Solid State Chemistry</i> , 2011, 184, 2278-2284.	2.9	8
63	Electron density distribution and crystal structure of lithium barium silicate, $\text{Li}_2\text{BaSiO}_4$. <i>Powder Diffraction</i> , 2010, 25, 336-341.	0.2	2
64	Synthesis and structural characterization of a new aluminum oxycarbonitride, $\text{Al}_5(\text{O}, \text{C}, \text{N})_4$. <i>Journal of Solid State Chemistry</i> , 2010, 183, 2570-2575.	2.9	12
65	Synthesis and structural characterization of $\text{Al}_4\text{Si}_4\text{C}_4$ -homeotypic aluminum silicon oxycarbide, $[\text{Al}_{4.4}\text{Si}_{0.6}][\text{O}_{1.0}\text{C}_{2.0}]\text{C}$. <i>Journal of Solid State Chemistry</i> , 2010, 183, 636-642.	2.9	12
66	Synthesis and structural characterization of $\text{Al}_4\text{Si}_2\text{C}_5$ -homeotypic aluminum silicon oxycarbide, $(\text{Al}_6-x\text{Si}_x)(\text{O}_y\text{C}_5-y)$ ($x \approx 0.8$ and $y \approx 1.6$). <i>Journal of Solid State Chemistry</i> , 2010, 183, 2183-2189.	2.9	10
67	Effect of Mg substitution on crystal structure and oxide-ion conductivity of apatite-type lanthanum silicates. <i>Solid State Ionics</i> , 2010, 181, 1024-1032.	2.7	21
68	Melt differentiation and crystallization of clinker minerals in a $\text{CaO}-\text{SiO}_2-\text{Al}_2\text{O}_3-\text{Fe}_2\text{O}_3$ pseudoquaternary system. <i>Cement and Concrete Research</i> , 2010, 40, 167-170.	11.0	6
69	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.	3.8	2
70	Electron density distribution and crystal structure of lithium strontium silicate, $\text{Li}_2\text{SrSiO}_4$. <i>Powder Diffraction</i> , 2010, 25, 4-8.	0.2	11
71	Crystal structure of silver metagermanate, Ag_2GeO_3 . <i>Powder Diffraction</i> , 2010, 25, 15-18.	0.2	1
72	$[\text{Zr}_{0.72}\text{Y}_{0.28}]\text{Al}_4\text{C}_4$: A new member of the homologous series $(\text{MC})_l(\text{T}_4\text{C}_3)_m$ ($\text{M}=\text{Zr}, \text{Y}$ and Hf , $\text{T}=\text{Al}, \text{Si}$ and Tj) <i>ETQg0.0.0 rgBT /Overlock</i>	2.9	6

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73	First discovery and structural characterization of a new compound in Al ³⁺ -Si ⁴⁺ -O ²⁻ -C system. Journal of Solid State Chemistry, 2009, 182, 2252-2260.	2.9	14
74	Diffusion Path and Conduction Mechanism of Oxide Ions in Apatite-Type Lanthanum Silicates. Chemistry of Materials, 2009, 21, 2508-2517.	6.7	105
75	Syntheses and crystal structures of Si-bearing layered carbides ZrAl ₈ C ₇ and ZrAl ₄ C ₄ . Journal of the Ceramic Society of Japan, 2009, 117, 37-41.	1.1	6
76	Reinvestigation of crystal structure and structural disorder of Ba ₃ MgSi ₂ O ₈ . Powder Diffraction, 2009, 24, 180-184.	0.2	6
77	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.	1.1	4
78	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.	2.9	27
79	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.	2.9	42
80	Electronic and crystal structures of nanolaminate yttrium aluminum carbide YAl ₃ C ₃ . Chemical Physics Letters, 2008, 451, 48-52.	2.6	13
81	Synthesis and Crystal Structure of a New Layered Carbide [Zr _{1.97} Y _{0.03}]Al ₄ C ₅ . Journal of the American Ceramic Society, 2008, 91, 1342-1345.	3.8	8
82	Synthesis and Crystal Structure of a New Layered Carbide ZrAl ₄ C ₄ . Journal of the American Ceramic Society, 2008, 91, 2713-2715.	3.8	20
83	Synthesis and Crystal Structure of a New Layered Carbide ZrAl ₈ C ₇ . Journal of the American Ceramic Society, 2008, 91, 3758-3761.	3.8	10
84	Lanthanum- and Oxygen-Deficient Crystal Structures of Oxide-Ion Conducting Apatite-Type Silicates. Journal of the American Ceramic Society, 2008, 91, 3714-3720.	3.8	18
85	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.	3.8	4
86	Detoxification of industrial asbestos waste by low-temperature heating in a vacuum. Journal of the Ceramic Society of Japan, 2008, 116, 242-246.	1.1	9
87	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.	2.6	36
88	Detoxification of Asbestos-Containing Building Material Waste and Its Application to Cement Product. Journal of the Ceramic Society of Japan, 2007, 115, 290-293.	1.3	5
89	Detoxification of Sprayed Amosite. Journal of the Ceramic Society of Japan, 2007, 115, 562-566.	1.1	2
90	Crystal Structure, Structural Disorder, and Hydration Behavior of Calcium Zirconium Aluminate, Ca ₇ ZrAl ₆ O ₁₈ . Chemistry of Materials, 2007, 19, 3726-3731.	6.7	20

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91	Structural change of oxide-ion-conducting lanthanum silicate on heating from 295 to 1073ÅK. Solid State Ionics, 2007, 178, 1523-1529.	2.7	38
92	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.	2.9	43
93	Structural Disorder and Intracrystalline Microtexture of ?'H-(Ba _{0.24} Ca _{0.76}) ₂ SiO ₄ . Journal of the American Ceramic Society, 2007, 90, 925-931.	3.8	2
94	Crystal Structure and Thermoelectric Properties of YAl ₃ C ₃ . Journal of the American Ceramic Society, 2007, 90, 3299-3302.	3.8	28
95	Detoxification of Sprayed Crocidolite. Journal of the Ceramic Society of Japan, 2006, 114, 1150-1154.	1.3	4
96	Fabrication and Cathode Luminescence of Partially MgO-Substituted ZnO Powders. Journal of the Ceramic Society of Japan, 2006, 114, 620-623.	1.3	2
97	Crystal structure of calcium cobalt orthophosphate, CaCo[Ca _{0.1} Co _{0.9}](PO ₄) ₂ . Powder Diffraction, 2006, 21, 220-224.	0.2	0
98	Evaluation of Heated Chrysotile Using Phase-Contrast Microscope. Journal of the Ceramic Society of Japan, 2006, 114, 716-718.	1.3	7
99	Crystal structures and phase transitions of SrZr(PO ₄) ₂ â€“BaZr(PO ₄) ₂ solid solutions. Journal of Solid State Chemistry, 2006, 179, 3870-3876.	2.9	11
100	Crystal structure and phase transformations of calcium yttrium orthophosphate, Ca ₃ Y(PO ₄) ₃ . Journal of Solid State Chemistry, 2006, 179, 3420-3428.	2.9	18
101	Crystal structure of lanthanum oxyorthosilicate, La ₂ SiO ₅ . Powder Diffraction, 2006, 21, 300-303.	0.2	35
102	Structural Chemistry of Alkaline Earth Aluminate Phosphors. Advanced Materials Research, 2006, 11-12, 43-46.	0.3	1
103	Fabrication and Mechanical Properties of Sintered Leucite Body. Journal of the Ceramic Society of Japan, 2005, 113, 488-490.	1.3	11
104	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
105	Crystal structure of hexagonal SrAl ₂ O ₄ at 1073K. Journal of Solid State Chemistry, 2005, 178, 2709-2714.	2.9	58
106	Structural disorder in Ba _{0.6} Sr _{0.4} Al ₂ O ₄ . Journal of Solid State Chemistry, 2005, 178, 3662-3666.	2.9	17
107	Melt Differentiation Induced by Zonal Structure Formation of Calcium Aluminoferrite in a CaO-SiO ₂ -Al ₂ O ₃ -Fe ₂ O ₃ Pseudoquaternary System. Journal of the American Ceramic Society, 2005, 88, 954-962.	3.8	5
108	Thermal Expansion of SrY ₂ O ₄ . Journal of the American Ceramic Society, 2005, 88, 3205-3206.	3.8	10

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109	Crystal Structure of $Zr_2Al_3C_4$. Journal of the American Ceramic Society, 2005, 88, 3528-3530.	3.8	43
110	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.	2.9	29
111	Thermal Expansion of $Yttrium$ Disilicate. Journal of the American Ceramic Society, 2004, 87, 89-92.	3.8	32
112	Crystal structure and phase transitions of strontium zirconium diorthophosphate, $SrZr(PO_4)_2$. Journal of Solid State Chemistry, 2004, 177, 3514-3521.	2.9	17
113	Chemical zoning of calcium aluminoferrite formed during melt crystallization in $CaO-SiO_2-Al_2O_3-Fe_2O_3$ pseudoquaternary system. Cement and Concrete Research, 2004, 34, 1535-1540.	11.0	7
114	Powder X-ray diffraction data of a new calcium zirconium phosphate $Ca_7Zr(PO_4)_6$. Powder Diffraction, 2004, 19, 385-387.	0.2	5
115	Synthesis of Leucite Crystals Using Potash Feldspar. Journal of the Ceramic Society of Japan, 2004, 112, 242-244.	1.3	2
116	Cationic substitution in tricalcium aluminate. Cement and Concrete Research, 2003, 33, 1771-1775.	11.0	21
117	Substitution of Sodium and Silicon in Tricalcium Aluminate. Journal of the American Ceramic Society, 2003, 86, 112-114.	3.8	9
118	Fractional Crystallization of Liquid Coexisting with Ca_2SiO_4 Solid Solution in the $CaO-SiO_2-Al_2O_3-Fe_2O_3$ Pseudoquaternary System. Journal of the American Ceramic Society, 2003, 86, 2154-2161.	3.8	9
119	Crystal structure of calcium zirconium diorthophosphate, $CaZr(PO_4)_2$. Powder Diffraction, 2003, 18, 296-300.	0.2	24
120	Anisotropic thermal expansion in yttrium silicate. Journal of Materials Research, 2003, 18, 1715-1722.	2.6	26
121	Anisotropic Thermal Expansion in $CaAl_4O_7$. Journal of Materials Research, 2002, 17, 1050-1054.	2.6	10
122	Determination of the P_{cm} Phase Boundary at High Temperatures in the System $Ca_2Fe_2O_5-Ca_2Al_2O_5$. Journal of the American Ceramic Society, 2002, 85, 1300-1302.	3.8	24
123	Effect of Substituent Ions on Martensitic Transformation Temperatures in Dicalcium Silicate Solid Solutions. Journal of the American Ceramic Society, 2002, 85, 1804-1806.	3.8	3
124	Recent Progress in Crystal Chemistry of Belite. Intracrystalline Microtextures Induced by Phase Transformations and Application of Remelting Reaction to Improvement of Hydration Reactivity.. Journal of the Ceramic Society of Japan, 2001, 109, S43-S48.	1.3	6
125	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
126	Thermoelastic Martensitic Transformation and Shape Memory Effect in $Sr_2(Si, Ge)O_4$. Journal of the Ceramic Society of Japan, 2001, 109, 1017-1022.	1.3	1

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127	Remelting reaction of $\hat{I}\pm$ -Ca ₂ SiO ₄ solid solution confirmed in Ca ₂ SiO ₄ â€“Ca ₁₂ Al ₁₄ O ₃₃ pseudobinary system. Cement and Concrete Research, 2001, 31, 1185-1189.	11.0	15
128	Improvement in Hydration Reactivity of $\hat{I}\pm$ â€“Phase Belite by Remelting Reaction. Journal of the American Ceramic Society, 2001, 84, 639-641.	3.8	15
129	Characterization of Liquid Exsolved by Remelting Reaction of Belite. Journal of the American Ceramic Society, 2001, 84, 1155-1160.	3.8	9
130	Phenomenological Anlalysis of Martensitic Transformation in Dicalcium Silicate.. Journal of the Ceramic Society of Japan, 2000, 108, 701-704.	1.3	0
131	Intracrystalline Microstructure of Synthetic Merwinite. Journal of Materials Research, 2000, 15, 1570-1575.	2.6	0
132	Surface Relief Induced by Martensitic Transformation in Phosphorusâ€“Bearing Dicalcium Silicate. Journal of the American Ceramic Society, 2000, 83, 2097-2099.	3.8	2
133	Acceleration of Early Hydration in Belite-Rich Cement by Remelting Reaction.. Journal of the Ceramic Society of Japan, 1999, 107, 901-906.	1.3	6
134	Highly Reactive Remelted Belite. Journal of the American Ceramic Society, 1999, 82, 637-640.	3.8	8
135	Improvement in Reactivity and Grindability of Beliteâ€“Rich Cement by Remelting Reaction. Journal of the American Ceramic Society, 1999, 82, 2177-2180.	3.8	26
136	Effect of Crystal Grain Size and Thermal Stress on Martensitic Transformation of Phosphorusâ€“Bearing Dicalcium Silicates. Journal of the American Ceramic Society, 1998, 81, 2729-2731.	3.8	8
137	Structural Change in Phosphorus-Bearing Dicalcium Silicates. Journal of the Ceramic Society of Japan, 1997, 105, 117-121.	1.3	20
138	Anisotropic Thermal Expansion of $\hat{I}\pm$ â€“Ca ₂ SiO ₄ Monoclinic Crystal. Journal of the American Ceramic Society, 1997, 80, 1595-1598.	3.8	10
139	Thermal Hysteresis for the alpha'L beta Transformations in Strontium Oxide-Doped Dicalcium Silicates. Journal of the American Ceramic Society, 1996, 79, 2969-2970.	3.8	26
140	Thermoelastic Behavior in Ca ₂ SiO ₄ Solid Solutions. Journal of the American Ceramic Society, 1996, 79, 2925-2928.	3.8	19
141	Structure Change in Strontium Oxideâ€“Doped Dicalcium Silicates. Journal of the American Ceramic Society, 1996, 79, 2577-2581.	3.8	14
142	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
143	Phase Stability Study on the Remelting Reaction in Ca ₂ SiO ₄ Solid Solutions. Journal of the American Ceramic Society, 1995, 78, 3387-3389.	3.8	14
144	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.	3.8	18

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145	Structure and Microtexture Changes in Phosphorous-Bearing Ca ₂ SiO ₄ Solid Solutions. Journal of the American Ceramic Society, 1994, 77, 2615-2619.	3.8	16
146	Orientation of coherent interphase boundaries formed by the $\hat{1}\pm$ to $\hat{1}\pm'$ H phase transition in belite crystals. Cement and Concrete Research, 1993, 23, 599-602.	11.0	30
147	Microtextures Formed by the Remelting Reaction in Belite Crystals. Journal of the American Ceramic Society, 1993, 76, 2942-2944.	3.8	22
148	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.	3.8	15
149	Structure Change of Ca ₂ SiO ₄ Solid Solutions with Ba Concentration. Journal of the American Ceramic Society, 1992, 75, 884-888.	3.8	17
150	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.	3.8	17
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