

# Yuichi Shimakawa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7669224/publications.pdf>

Version: 2024-02-01

297  
papers

13,134  
citations

24978

57  
h-index

30010

103  
g-index

328  
all docs

328  
docs citations

328  
times ranked

9940  
citing authors

#	ARTICLE	IF	CITATIONS
1	Blue-light emission at room temperature from Ar <sup>+</sup> -irradiated SrTiO <sub>3</sub> . <i>Nature Materials</i> , 2005, 4, 816-819.	13.3	543
2	Crystal structures and ferroelectric properties of SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> and Sr <sub>0.8</sub> Bi <sub>2.2</sub> Ta <sub>2</sub> O <sub>9</sub> . <i>Applied Physics Letters</i> , 1999, 74, 1904-1906.	1.5	416
3	Designed Ferromagnetic, Ferroelectric Bi <sub>2</sub> NiMnO <sub>6</sub> . <i>Journal of the American Chemical Society</i> , 2005, 127, 8889-8892.	6.6	397
4	Colossal negative thermal expansion in BiNiO <sub>3</sub> induced by intermetallic charge transfer. <i>Nature Communications</i> , 2011, 2, 347.	5.8	389
5	Giant magnetoresistance in Ti <sub>2</sub> Mn <sub>2</sub> O <sub>7</sub> with the pyrochlore structure. <i>Nature</i> , 1996, 379, 53-55.	13.7	367
6	Crystal structure and ferroelectric properties of ABi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> (A=Ca, Sr, and Ba). <i>Physical Review B</i> , 2000, 61, 6559-6564.	1.1	357
7	Temperature-induced A↔B intersite charge transfer in an A-site-ordered LaCu <sub>3</sub> Fe <sub>4</sub> O <sub>12</sub> perovskite. <i>Nature</i> , 2009, 458, 60-63.	13.7	357
8	Preparation of fine platinum catalyst supported on single-wall carbon nanohorns for fuel cell application. <i>Physica B: Condensed Matter</i> , 2002, 323, 124-126.	1.3	301
9	Neutron Powder Diffraction Study on the Crystal and Magnetic Structures of BiCoO <sub>3</sub> . <i>Chemistry of Materials</i> , 2006, 18, 798-803.	3.2	299
10	Crystal and electronic structures of Bi <sub>4-<i>x</i></sub> LaxTi <sub>3</sub> O <sub>12</sub> ferroelectric materials. <i>Applied Physics Letters</i> , 2001, 79, 2791-2793.	1.5	282
11	Transport and magnetic properties of Tl <sub>2</sub> Ba <sub>2</sub> CuO <sub>6</sub> + <i>δ</i> showing a <i>δ</i> -dependent gradual transition from an 85-K superconductor to a nonsuperconducting metal. <i>Physical Review B</i> , 1991, 43, 7875-7882.	1.1	243
12	Magnetic-field penetration depth in Tl <sub>2</sub> Ba <sub>2</sub> CuO <sub>6</sub> + <i>δ</i> in the overdoped regime. <i>Nature</i> , 1993, 364, 605-607.	13.7	217
13	Tuning magnetic anisotropy by interfacially engineering the oxygen coordination environment in a transition metal oxide. <i>Nature Materials</i> , 2016, 15, 432-437.	13.3	202
14	Crystallographic Features and Tetragonal Phase Stability of PbVO <sub>3</sub> , a New Member of PbTiO <sub>3</sub> Family. <i>Chemistry of Materials</i> , 2005, 17, 269-273.	3.2	169
15	Pressure-Induced Spin-State Transition in BiCoO <sub>3</sub> . <i>Journal of the American Chemical Society</i> , 2010, 132, 9438-9443.	6.6	161
16	Magnetic and structural properties of BiFe <sub>1-<i>x</i></sub> MnxO <sub>3</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 1177-1179.	1.0	153
17	A Perovskite Containing Quadrivalent Iron as a Charge-Disproportionated Ferrimagnet. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7032-7035.	7.2	145
18	Atomic level observation of octahedral distortions at the perovskite oxide heterointerface. <i>Scientific Reports</i> , 2013, 3, 2214.	1.6	144

#	ARTICLE	IF	CITATIONS
19	Verwey-Type Transition and Magnetic Properties of the LiMn <sub>2</sub> O <sub>4</sub> Spinels. <i>Journal of Solid State Chemistry</i> , 1997, 131, 138-143.	1.4	142
20	A-Site-Ordered Perovskites with Intriguing Physical Properties. <i>Inorganic Chemistry</i> , 2008, 47, 8562-8570.	1.9	139
21	Structural distortion and ferroelectric properties of SrBi <sub>2</sub> (Ta <sub>1-x</sub> Nb <sub>x</sub> ) <sub>2</sub> O <sub>9</sub> . <i>Applied Physics Letters</i> , 2000, 77, 2749-2751.	1.5	136
22	Synthesis, Crystal Structure, and Magnetic Properties of Bi <sub>3</sub> Mn <sub>4</sub> O <sub>12</sub> (NO <sub>3</sub> ) <sub>3</sub> Oxynitrate Comprising $S = 3/2$ Honeycomb Lattice. <i>Journal of the American Chemical Society</i> , 2009, 131, 8313-8317.	6.6	133
23	Anisotropic oxygen diffusion at low temperature in perovskite-structure iron oxides. <i>Nature Chemistry</i> , 2010, 2, 213-217.	6.6	133
24	Neutron-diffraction study of Tl <sub>2</sub> Ba <sub>2</sub> CuO <sub>6</sub> + $\delta$ with various Tc's from 0 to 73 K. <i>Physical Review B</i> , 1990, 42, 10165-10171.	1.1	119
25	Correlation between the pressure-induced changes in the Hall coefficient and T <sub>c</sub> in superconducting cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 1991, 183, 277-285.	0.6	118
26	Pressure-Induced Intermetallic Valence Transition in BiNiO <sub>3</sub> . <i>Journal of the American Chemical Society</i> , 2007, 129, 14433-14436.	6.6	115
27	Tunneling magnetoresistance at up to 270 K in La <sub>0.8</sub> Sr <sub>0.2</sub> MnO <sub>3</sub> /SrTiO <sub>3</sub> /La <sub>0.8</sub> Sr <sub>0.2</sub> MnO <sub>3</sub> junctions with 1.6-nm-thick barriers. <i>Applied Physics Letters</i> , 1999, 74, 290-292.	1.5	113
28	Magnetic Ground-State of Perovskite PbVO <sub>3</sub> with Large Tetragonal Distortion. <i>Inorganic Chemistry</i> , 2008, 47, 7355-7359.	1.9	110
29	Multiferroic Compounds with Double-Perovskite Structures. <i>Materials</i> , 2011, 4, 153-168.	1.3	109
30	Isotope effect on superconductivity in Rb <sub>3</sub> C <sub>60</sub> . <i>Nature</i> , 1992, 355, 620-622.	13.7	107
31	Observation of Magnetoelectric Multiferroicity in a Cubic Perovskite System: $\text{LaMnO}_3$ . <i>Physical Review Letters</i> , 2015, 115, 087601.	1.9	105
32	Blue luminescence from electron-doped SrTiO <sub>3</sub> . <i>Applied Physics Letters</i> , 2006, 88, 191916.	1.5	97
33	Alternative to the topological interpretation of the transverse resistivity anomalies in SrRuO <sub>3</sub> . <i>Physical Review B</i> , 2018, 98, .	1.1	97
34	Transport and structural study of Tl <sub>2</sub> Ba <sub>2</sub> CuO <sub>6</sub> + $\delta$ single crystals prepared by the KCl flux method. <i>Physical Review B</i> , 1992, 46, 11019-11024.	1.1	95
35	Rhombohedral-Tetragonal Phase Boundary with High Curie Temperature in (1-x)BiCoO <sub>3</sub> -xBiFeO <sub>3</sub> Solid Solution. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 7579.	0.8	95
36	Rietveld analysis of Tl <sub>2</sub> Ba <sub>2</sub> Cu <sub>n</sub> O <sub>4+2n</sub> (n=1, 2 and 3) by powder x-ray diffraction. <i>Physica C: Superconductivity and Its Applications</i> , 1988, 156, 97-102.	0.6	92

#	ARTICLE	IF	CITATIONS
37	High-Field Study of Strong Magnetoelectric Coupling in Single-Domain Crystals of $\text{BiFeO}_3$ . Journal of the Physical Society of Japan, 2010, 79, 064713.	0.7	92
38	A variable-emittance radiator based on a metal-insulator transition of $(\text{La,Sr})\text{MnO}_3$ thin films. Applied Physics Letters, 2002, 80, 4864-4866.	1.5	89
39	Crystal structure, magnetic and transport properties, and electronic band structure of $\text{A}_2\text{Mn}_2\text{O}_7$ pyrochlores ( $\text{A}=\text{Y,In,Lu,}$ and $\text{Tl}$ ). Physical Review B, 1999, 59, 1249-1254.	1.1	88
40	Multiferroic thin film of $\text{Bi}_2\text{NiMnO}_6$ with ordered double-perovskite structure. Applied Physics Letters, 2007, 90, 072903.	1.5	85
41	Solvent-Coordinated Tin Halide Complexes as Purified Precursors for Tin-Based Perovskites. ACS Omega, 2017, 2, 7016-7021.	1.6	85
42	A half-metallic A- and B-site-ordered quadruple perovskite oxide $\text{CaCu}_3\text{Fe}_2\text{Re}_2\text{O}_{12}$ with large magnetization and a high transition temperature. Nature Communications, 2014, 5, 3909.	5.8	83
43	Preferential Deposition of Pt Nanoparticles Inside Single-Walled Carbon Nanohorns. Advanced Materials, 2004, 16, 1420-1423.	11.1	81
44	Reversible changes of epitaxial thin films from perovskite $\text{LaNiO}_3$ to infinite-layer structure $\text{LaNiO}_2$ . Applied Physics Letters, 2009, 94, .	1.5	81
45	Disordered Ground State and Magnetic Field-Induced Long-Range Order in an $\text{S}_{\text{Bi}_3\text{Mn}_2\text{Mn}}^{\text{Honeycomb}}$ Lattice Compound. Physical Review Letters, 2010, 105, 187201.	2.9	81
46	Structural study of $\text{Sr}_2\text{CuO}_3$ by neutron powder diffraction. Physica C: Superconductivity and Its Applications, 1994, 228, 73-80.	0.6	78
47	Appearance of a Maximum of $T_c$ and a Large Negative $dT_c/dP$ in the Superconducting $\text{Tl-Ba-Ca-Cu-O}$ Compounds under Pressure. Journal of the Physical Society of Japan, 1990, 59, 3839-3842.	0.7	75
48	Spin dynamics in heavily-doped high- $T_c$ superconductors $\text{Tl}_2\text{Ba}_2\text{CuO}_{6+y}$ with a single $\text{CuO}_2$ layer studied by $^{63}\text{Cu}$ and $^{205}\text{Tl}$ NMR. Physica C: Superconductivity and Its Applications, 1991, 179, 107-118.	0.6	71
49	Crystal and Magnetic Structure in Co-Substituted $\text{BiFeO}_3$ . Inorganic Chemistry, 2013, 52, 13269-13277.	1.9	71
50	Intermetallic Charge Transfer in A-Site-Ordered Double Perovskite $\text{BiCu}_3\text{Fe}_4\text{O}_{12}$ . Inorganic Chemistry, 2009, 48, 8489-8492.	1.9	70
51	Superconducting Fluctuations and the Pseudogap in the Slightly Overdoped High- $T_c$ Superconductor $\text{TlSr}_2\text{CaCu}_2\text{O}_{6.8}$ : High Magnetic Field NMR Studies. Physical Review Letters, 2006, 96, 10701.	2.9	67
52	Magnetoresistance and electronic structure of the half-metallic ferrimagnet $\text{Bi}_3\text{Cu}_3\text{Mn}_4\text{O}_{12}$ . Physical Review Letters, 2006, 96, 10701.	1.1	67
53	Phys Morphology effects of $\text{Co}_3\text{O}_4$ nanocrystals catalyzing CO oxidation in a dry reactant gas stream. Catalysis Science and Technology, 2011, 1, 920.	2.1	65
54	Superconductivity of $\text{TlBa}_{1-x}\text{La}_x\text{CuO}_5$ with 1201 structure. Physica C: Superconductivity and Its Applications, 1989, 158, 143-147.	0.6	62

#	ARTICLE	IF	CITATIONS
55	Development of a Variable Emittance Radiator Based on a Perovskite Manganese Oxide. Journal of Thermophysics and Heat Transfer, 2003, 17, 264-268.	0.9	62
56	Optical and transport properties of transparent conducting La-doped SrSnO <sub>3</sub> thin films. Journal Physics D: Applied Physics, 2015, 48, 455106.	1.3	62
57	Various Valence States of Square-Coordinated Mn in A-Site-Ordered Perovskites. Journal of the American Chemical Society, 2009, 131, 16244-16247.	6.6	61
58	Chemical and structural study of tetragonal and orthorhombic Tl <sub>2</sub> Ba <sub>2</sub> CuO <sub>6</sub> . Physica C: Superconductivity and Its Applications, 1993, 204, 247-261.	0.6	59
59	Thickness-Dependent Structure-Property Relationships in Strained (110) SrRuO <sub>3</sub> Thin Films. Advanced Functional Materials, 2013, 23, 1129-1136.	7.8	59
60	Controlled cation stoichiometry in pulsed laser deposition-grown BaTiO <sub>3</sub> epitaxial thin films with laser fluence. Applied Physics Letters, 2011, 99, 081907.	1.5	57
61	Epitaxial strain effect in tetragonal SrRuO <sub>3</sub> thin films. Journal of Applied Physics, 2013, 113, .	1.1	57
62	Cation Disorder in the Ferroelectric Oxides ABi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> , A=Ca, Sr, Ba. Journal of Solid State Chemistry, 2001, 160, 174-177.	1.4	56
63	Superconductivity in the Sr-Ca-Cu-O system and the phase with infinite-layer structure. Physical Review B, 1995, 51, 11784-11790.	1.1	53
64	Single-crystal epitaxial thin films of SrFeO <sub>2</sub> with FeO <sub>2</sub> infinite layers. Applied Physics Letters, 2008, 92, .	1.5	52
65	Energy gap of Tl-Ba-Ca-Cu-O compounds by tunneling. Physica C: Superconductivity and Its Applications, 1989, 158, 83-87.	0.6	51
66	Structural and magnetotransport properties of the colossal magnetoresistance material Tl <sub>2</sub> Mn <sub>2</sub> O <sub>7</sub> s. Physical Review B, 1997, 55, 6399-6404.	1.1	51
67	Metallc versus insulating behavior in the $A$ -site ordered perovskite oxides $A_{1-x}B_x$ $A$ -site ordered perovskite oxides $A_{1-x}B_x$ Physical Review B, 2009, 80, .	1.1	51
68	Realization of Large Electric Polarization and Strong Magnetoelectric Coupling in BiMn <sub>3</sub> Cr <sub>4</sub> O <sub>12</sub> . Advanced Materials, 2017, 29, 1703435.	11.1	50
69	Reduction and oxidation of SrCoO <sub>2.5</sub> thin films at low temperatures. Dalton Transactions, 2012, 41, 10507.	1.6	47
70	Polarization Rotation in the Monoclinic Perovskite BiCo <sub>1-x</sub> Fe <sub>x</sub> O <sub>3</sub> . Angewandte Chemie - International Edition, 2012, 51, 7977-7980.	7.2	47
71	Octahedral Tilt Propagation Controlled by A-Site Cation Size at Perovskite Oxide Heterointerfaces. Crystal Growth and Design, 2014, 14, 2128-2132.	1.4	46
72	One-pot hydrothermal synthesis of uniformly cubic Co <sub>3</sub> O <sub>4</sub> nanocrystals. Materials Letters, 2010, 64, 239-242.	1.3	45

#	ARTICLE	IF	CITATIONS
73	Enhanced ferromagnetic moment in Co-doped BiFeO <sub>3</sub> thin films studied by soft x-ray circular dichroism. <i>Journal of Applied Physics</i> , 2013, 114, .	1.1	45
74	Control of Structural Distortions in Transition-Metal Oxide Films through Oxygen Displacement at the Heterointerface. <i>Advanced Functional Materials</i> , 2014, 24, 5177-5184.	7.8	45
75	Field-free superconducting diode effect in noncentrosymmetric superconductor/ferromagnet multilayers. <i>Nature Nanotechnology</i> , 2022, 17, 823-828.	15.6	45
76	Ligand-hole localization in oxides with unusual valence Fe. <i>Scientific Reports</i> , 2012, 2, 449.	1.6	44
77	Intermetallic charge transfer between A-site Cu and B-site Fe in A-site-ordered double perovskites. <i>New Journal of Physics</i> , 2010, 12, 063029.	1.2	43
78	Tuning negative thermal expansion in Bi <sup>1+</sup> <sub>x</sub> Ln <sub>x</sub> NiO <sub>3</sub> (Ln = La, Nd, Eu, Dy). <i>Applied Physics Letters</i> , 2013, 103, .	1.5	43
79	Non-superconducting TlBa <sub>2</sub> YCu <sub>2</sub> O <sub>7</sub> with a new crystal structure resembling superconducting YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <i>Physica C: Superconductivity and Its Applications</i> , 1988, 156, 315-318.	0.6	42
80	Orbital Hybridization and Magnetic Coupling of the A-Site Cu Spins in CaCu <sub>3</sub> B <sub>4</sub> O <sub>12</sub> (B = Ti, Ge, and Sn) Perovskites. <i>Inorganic Chemistry</i> , 2009, 48, 3499-3501.	1.9	42
81	Site-Selective Doping Effect in AMn <sub>3</sub> V <sub>4</sub> O <sub>12</sub> (A = Na <sup>+</sup> , Tl <sup>+</sup> )	1.1	41
82	Crystal and magnetic structures of CaCu <sub>3</sub> Fe <sub>4</sub> O <sub>12</sub> and LaCu <sub>3</sub> Fe <sub>4</sub> O <sub>12</sub> : distinct charge transitions of unusual high valence Fe. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 504006.	1.3	41
83	Metallic Behavior in A-Site-Ordered Perovskites A <sub>3</sub> Cu <sub>3</sub> V <sub>4</sub> O <sub>12</sub> with A = Na <sup>+</sup> , Ca <sup>2+</sup> , and Y <sup>3+</sup> . <i>Journal of the Physical Society of Japan</i> , 2008, 77, 064705.	0.7	40
84	Superconductor-to-metal transition caused by oxygen nonstoichiometry in TlSr <sub>2</sub> CaCu <sub>2</sub> O <sub>7</sub> having a Cu-O pyramidal layer. <i>Physical Review B</i> , 1992, 45, 5553-5557.	1.1	39
85	Thermally formed conducting filaments in a single-crystalline NiO thin film. <i>Applied Physics Letters</i> , 2010, 96, 072106.	1.5	39
86	Two-Dimensional Charge Disproportionation of the Unusual High Valence State Fe <sup>4+</sup> in a Layered Double Perovskite. <i>Journal of the American Chemical Society</i> , 2015, 137, 7468-7473.	6.6	39
87	Incipient Orthorhombic-Phase in Ba <sub>2</sub> YCu <sub>3</sub> O <sub>7-x</sub> Crystals. <i>Japanese Journal of Applied Physics</i> , 1988, 27, L594-L597.	0.8	38
88	ESR studies of K-doped C60. <i>Chemical Physics Letters</i> , 1993, 203, 429-432.	1.2	38
89	Crystal structure of (Cu,C)Ba <sub>2</sub> Ca <sub>3</sub> Cu <sub>4</sub> O <sub>11</sub> (T <sub>c</sub> =117 K) by neutron-powder-diffraction analysis. <i>Physical Review B</i> , 1994, 50, 16008-16014.	1.1	37
90	Low Temperature Growth of Epitaxial La <sub>0.8</sub> Sr <sub>0.2</sub> MnO <sub>3</sub> Thin Films by an Excimer-Laser-Assisted Coating Pyrolysis Process. <i>Japanese Journal of Applied Physics</i> , 2003, 42, L956-L959.	0.8	37

#	ARTICLE	IF	CITATIONS
91	Effects of electron channeling in HAADF-STEM intensity in La <sub>2</sub> CuSnO <sub>6</sub> . Ultramicroscopy, 2009, 109, 361-367.	0.8	37
92	Synthesis, Structure, and Physical Properties of <i>A</i> -site Ordered Perovskites <i>A</i> Cu <sub>3</sub> Co <sub>4</sub> O <sub>12</sub> ( <i>A</i> = Ca and Y). Chemistry of Materials, 2010, 22, 5328-5332.	3.2	37
93	Overpotential-Induced Introduction of Oxygen Vacancy in La <sub>0.67</sub> Sr <sub>0.33</sub> MnO <sub>3</sub> Surface and Its Impact on Oxygen Reduction Reaction Catalytic Activity in Alkaline Solution. Journal of Physical Chemistry C, 2016, 120, 6006-6010.	1.5	37
94	NMR and NQR studies of superconductivity in heavily doped Tl <sub>2</sub> Ba <sub>2</sub> CuO <sub>6+y</sub> with a single CuO <sub>2</sub> plane. Physica C: Superconductivity and Its Applications, 1991, 184, 207-219.	0.6	36
95	Pressure-induced oxygen ordering phenomena in high-T superconductors. Physica C: Superconductivity and Its Applications, 1996, 257, 105-116.	0.6	36
96	C <sup>13</sup> NMR spectroscopy of carbon nanohorns. Physical Review B, 2006, 73, .	1.1	36
97	Pressure-Induced Transformation of 6H Hexagonal to 3C Perovskite Structure in PbMnO <sub>3</sub> . Inorganic Chemistry, 2009, 48, 2285-2288.	1.9	36
98	Pressure Effect on Intersite Charge Transfer in A-site-Ordered Double-Perovskite-Structure Oxide. Chemistry of Materials, 2012, 24, 2235-2239.	3.2	36
99	Dopant isotope effect on superconductivity in Rb <sub>3</sub> C <sub>60</sub> . Physica C: Superconductivity and Its Applications, 1992, 203, 163-166.	0.6	35
100	Unusual Ferromagnetic-to-Antiferromagnetic-to-Ferromagnetic Transitions in Cu <sup>2+</sup> ( <i>S</i> = 1/2) Cubic Spin Lattice of <i>A</i> -Site Ordered Perovskites. Journal of the Physical Society of Japan, 2008, 77, 113702.	0.7	35
101	A-site magnetism in A-site-ordered perovskite-structure oxides. Physica Status Solidi (B): Basic Research, 2012, 249, 423-434.	0.7	35
102	Intergrowth Structures in Superconductor Tl-Ba-Ca-Cu-O Oxides. Japanese Journal of Applied Physics, 1988, 27, L1054-L1057.	0.8	34
103	<sup>63</sup> Cu Knight Shift Study in High-Tc Superconductor Tl <sub>2</sub> Ba <sub>2</sub> CuO <sub>6+y</sub> with a Single CuO <sub>2</sub> Layer. Journal of the Physical Society of Japan, 1990, 59, 3459-3462.	0.7	34
104	Degradation of ferroelectric SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> materials under reducing conditions and their reaction with Pt electrodes. Applied Physics Letters, 1999, 75, 2839-2841.	1.5	34
105	Direct observation of the pressure-induced charge redistribution in BiNiO <sub>3</sub> x-ray absorption spectroscopy. Physical Review B, 2009, 80, .	1.1	34
106	Charge transfer and antiferromagnetic order in the A-site-ordered perovskite LaCu <sub>3</sub> Fe <sub>4</sub> O <sub>12</sub> . Journal of Materials Chemistry, 2010, 20, 7282.	6.7	34
107	(Sr <sub>1-x</sub> Ba <sub>x</sub> )FeO <sub>2</sub> (0.4 ≤ <i>x</i> ≤ 1): A New Oxygen-Deficient Perovskite Structure. Journal of the American Chemical Society, 2012, 134, 11444-11454.	6.6	34
108	Multiferroism at Room Temperature in BiFeO <sub>3</sub> /BiCrO <sub>3</sub> (111) Artificial Superlattices. Applied Physics Express, 2008, 1, 101302.	1.1	33

#	ARTICLE	IF	CITATIONS
109	B-Cation Order Control of Magnetism in the 1322 Perovskite $\text{CaCu}_3\text{Fe}_2\text{Nb}_2\text{O}_{12}$ . Chemistry of Materials, 2014, 26, 4832-4837.	3.2	33
110	Tuning of ferrimagnetism and perpendicular magnetic anisotropy in $\text{NiO}$ epitaxial films by the cation distribution. Physical Review B, 2020, 101, .	1.1	33
111	Pressure-induced structural changes and charge transfer in $\text{Tl}_2\text{Ba}_2\text{Cu}_6\text{O}_z$ . Physica C: Superconductivity and Its Applications, 1992, 193, 426-436.	0.6	32
112	Structural Phase Transitions in the Ferroelectric Oxide $\text{SrBi}_2\text{Ta}_2\text{O}_9$ . Integrated Ferroelectrics, 2002, 44, 101-112.	0.3	32
113	Antiferromagnetic Interaction between $A$ -Site Mn Spins in $A$ -Site-Ordered Perovskite $\text{YMn}_3\text{Al}_4\text{O}_{12}$ . Inorganic Chemistry, 2010, 49, 2492-2495.	1.9	32
114	Strain Effect on Structural Transition in $\text{SrRuO}_3$ Epitaxial Thin Films. Crystal Growth and Design, 2011, 11, 5483-5487.	1.4	32
115	Structural Characterization of Ar+Irradiated $\text{SrTiO}_3$ Showing Room-Temperature Blue Luminescence. Japanese Journal of Applied Physics, 2007, 46, L471-L473.	0.8	31
116	Orientation Change of an Infinite-Layer Structure $\text{LaNiO}_2$ Epitaxial Thin Film by Annealing with $\text{CaH}_2$ . Crystal Growth and Design, 2010, 10, 2044-2046.	1.4	30
117	Spin and orbital magnetic moments in perpendicularly magnetized $\text{NiO}$ epitaxial films. Physical Review B, 2019, 100, 080401.	1.1	30
118	Neutron powder diffraction study of the crystal and magnetic structures of $\text{BiNiO}_3$ at low temperature. Journal of Solid State Chemistry, 2008, 181, 611-615.	1.4	29
119	High-pressure synthesis of $\text{BaVO}_3$ : A new cubic perovskite. Journal of Physics and Chemistry of Solids, 2014, 75, 710-712.	1.9	29
120	Resistive switching properties of epitaxial $\text{BaTiO}_3$ thin films tuned by after-growth oxygen cooling pressure. Physical Chemistry Chemical Physics, 2016, 18, 197-204.	1.3	29
121	Charge Disproportionation and Charge Transfer in $A$ -Site Ordered Perovskites Containing Iron. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 1882-1889.	0.6	28
122	Topotactic Changes in Thin Films of Brownmillerite $\text{SrFeO}_{2.5}$ Grown on $\text{SrTiO}_3$ Substrates to Infinite-Layer Structure $\text{SrFeO}_2$ . Crystal Growth and Design, 2010, 10, 4713-4715.	1.4	28
123	Crystal structures and ionic conductivity in $\text{Li}_2\text{OHX}$ (X = Cl, Br) antiperovskites. Journal of Solid State Chemistry, 2020, 286, 121263.	1.4	28
124	Crystal Structures and Electric Properties of $(1-x)\text{BiFeO}_3$ - $x\text{BiCoO}_3$ Thin Films Prepared by Chemical Solution Deposition. Japanese Journal of Applied Physics, 2010, 49, 051501.	0.8	26
125	Perpendicular magnetic tunnel junctions based on half-metallic $\text{NiCo}_2\text{O}_4$ . Applied Physics Letters, 2020, 117, .	1.5	26
126	Hydrothermal Synthesis of a New Double Perovskite-Type Bismuthate, $(\text{Ba}_{0.75}\text{K}_{0.14}\text{H}_{0.11})\text{BiO}_3 \cdot n\text{H}_2\text{O}$ . Japanese Journal of Applied Physics, 2009, 48, 010216.	0.8	25



#	ARTICLE	IF	CITATIONS
127	Frustration relieved ferrimagnetism in novel A- and B-site-ordered quadruple perovskite. Dalton Transactions, 2013, 42, 10116.	1.6	25
128	Structure-property relations in AgBi compounds: potential Pb-free absorbers in solar cells. Journal of Materials Chemistry A, 2019, 7, 5583-5588.	5.2	25
129	Crystal Structure Variations due to Multiplicity in CuO <sub>2</sub> -Ca-CuO <sub>2</sub> Slabs in Superconductive Tl-Ba-Ca-Cu-O Oxides. Japanese Journal of Applied Physics, 1988, 27, L837-L840.	0.8	24
130	Enhanced Piezoelectric Constant of (1-x)BiFeO <sub>3</sub> -xBiCoO <sub>3</sub> Thin Films Grown on LaAlO <sub>3</sub> Substrate. Japanese Journal of Applied Physics, 2011, 50, 031505.	0.8	24
131	Defect-Induced Anomalous Transverse Resistivity in an Itinerant Ferromagnetic Oxide. Physica Status Solidi (B): Basic Research, 2018, 255, 1800175.	0.7	24
132	Sequential Phase Transitions in Sm Substituted BiFeO <sub>3</sub> . Japanese Journal of Applied Physics, 2011, 50, 09NE08.	0.8	23
133	Strong Dependence of Oxygen Octahedral Distortions in SrRuO <sub>3</sub> Films on Types of Substrate-Induced Epitaxial Strain. Crystal Growth and Design, 2014, 14, 6478-6485.	1.4	23
134	Normal-state magnetic susceptibility in TlSr <sub>2</sub> (Lu <sub>1-x</sub> Cax)Cu <sub>2</sub> O <sub>y</sub> from the underdoped to the overdoped regime. Physical Review B, 1994, 50, 1244-1252.	1.1	22
135	Transient behavior in Pt/Nb-doped SrTiO <sub>3</sub> Schottky junctions. Applied Physics Letters, 2013, 103, .	1.5	22
136	Integrated sensing array of the perovskite-type LnFeO <sub>3</sub> (Ln=La, Pr, Nd, Sm) to discriminate detection of volatile sulfur compounds. Journal of Hazardous Materials, 2021, 413, 125380.	6.5	22
137	Influence of oxygen vacancies on magnetic properties of perpendicularly magnetized NiCo <sub>2</sub> O <sub>4</sub> epitaxial thin films. Journal of Applied Physics, 2020, 127, .	1.1	21
138	Colossal Barocaloric Effect by Large Latent Heat Produced by First-Order Intersite-Charge-Transfer Transition. Advanced Functional Materials, 2021, 31, 2009476.	7.8	21
139	Preparation of Monodisperse and Spherical Rutile VO <sub>2</sub> Fine Particles. Chemistry of Materials, 2009, 21, 198-200.	3.2	20
140	Gas phase contributions to topochemical hydride reduction reactions. Journal of Solid State Chemistry, 2013, 207, 190-193.	1.4	20
141	Strain-induced significant increase in metal-insulator transition temperature in oxygen-deficient Fe oxide epitaxial thin films. Scientific Reports, 2015, 5, 7894.	1.6	20
142	Controllable Magnetic Proximity Effect and Charge Transfer in 2D Semiconductor and Double-Layered Perovskite Manganese Oxide van der Waals Heterostructure. Advanced Materials, 2020, 32, e2003501. <a href="https://doi.org/10.1002/adma.202003501">https://doi.org/10.1002/adma.202003501</a>	11.1	20
143	$A^2B_2O_{10}$ and $A_2B_2O_{10}$ site-ordered perovskites <a href="https://doi.org/10.1002/appl.2013114073">https://doi.org/10.1002/appl.2013114073</a>	1.1	19
144	Magnetocaloric effect of field-induced ferromagnet BaFeO <sub>3</sub> . Journal of Applied Physics, 2013, 114, 073901.	1.1	19

#	ARTICLE	IF	CITATIONS
145	Multiple magnetic interactions in A-site-ordered perovskite-structure oxides. Journal of Physics Condensed Matter, 2014, 26, 473203.	0.7	19
146	Temperature-Induced Intersite Charge Transfer Involving Cr ions in A-Site-Ordered Perovskites $\text{ACu}_3\text{Cr}_4\text{O}_{12}$ (A=La and Y). Chemistry - A European Journal, 2014, 20, 9510-9513.	1.7	19
147	Melting of Oxygen Vacancy Order at Oxide-Heterostructure Interface. ACS Applied Materials & Interfaces, 2017, 9, 30143-30148.	4.0	19
148	Electric-field-induced modulation of the anomalous Hall effect in a heterostructured itinerant ferromagnet $\text{SrRuO}_3$ . Physical Review B, 2017, 96, .	1.1	19
149	Variable Thermal Emittance Radiator Using Metal-Insulator Phase Transition in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ . Japanese Journal of Applied Physics, 2002, 41, 7263-7265.	0.8	18
150	$^{59}\text{Co}$ -NMR Probe for Stepwise Magnetization and Magnetotransport in $\text{SrCo}_6\text{O}_{11}$ with Metallic Kagomé Layer and Triangular Lattice with Local Moments. Journal of the Physical Society of Japan, 2006, 75, 094715.	0.7	18
151	Structural and Magnetic Properties of A-Site-Ordered Perovskites $\text{ACu}_3\text{Sn}_4\text{O}_{12}$ with A = $\text{Ca}^{2+}$ , $\text{Sr}^{2+}$ , and $\text{Pb}^{2+}$ . Chemistry of Materials, 2008, 20, 7077-7080.	3.2	18
152	Local analysis of the edge dislocation core in $\text{BaTiO}_3$ thin film by STEM-EELS. Journal of Microscopy, 2009, 236, 128-131.	0.8	18
153	Valence fluctuations and correlated metallic states in $\text{A-site ordered perovskite oxides}$ $\text{Cu}_x\text{Mn}_{3-x}\text{O}_{10}$ . Physical Review B, 2010, 81, .	1.1	18
154	Spin gapped behavior of a frustrated delta chain compound euchroite. Journal of Physics: Conference Series, 2011, 320, 012045.	0.3	18
155	Oxygen vacancy interaction and field-induced magnetic order in an antiferromagnetic honeycomb lattice compound $\text{BiMn}_3\text{O}_{10}$ . Physical Review B, 2016, 94, .	1.1	18
156	Valence Change of A-Site Mn by A-Site Doping in $\text{La}_x\text{Na}_{1-x}\text{Mn}_3\text{Ti}_4\text{O}_{12}$ . Chemistry of Materials, 2013, 25, 178-183.	3.2	18
157	Order-Disorder Transition Involving the A-Site Cations in $\text{Ln}_{3+}\text{Mn}_3\text{V}_4\text{O}_{12}$ Perovskites. Inorganic Chemistry, 2014, 53, 594-599.	1.9	18
158	Interfacially engineered oxygen octahedral rotations and their impact on strain relief in coherently grown $\text{SrRuO}_3$ films. Physical Review B, 2016, 94, .	1.1	18
159	Ferromagnetism Induced by Substitution of the Iron(IV) Ion by an Unusual High-Valence Nickel(IV) Ion in Antiferromagnetic $\text{SrFeO}_3$ . Angewandte Chemie - International Edition, 2016, 55, 1360-1363.	7.2	18
160	Direct Observation of B-site Ordering in Multiferroic $\text{Bi}_2\text{NiMnO}_6$ Thin Film. Japanese Journal of Applied Physics, 2007, 46, L845-L847.	0.8	17
161	How to Make Dense and Flat Perovskite Layers for >20% Efficient Solar Cells: Oriented, Crystalline Perovskite Intermediates and Their Thermal Conversion. Bulletin of the Chemical Society of Japan, 2019, 92, 1972-1979.	2.0	17
162	$\text{Fe}_3\text{C}$ cluster-promoted single-atom Fe, N doped carbon for oxygen-reduction reaction. Physical Chemistry Chemical Physics, 2020, 22, 7218-7223.	1.3	17

#	ARTICLE	IF	CITATIONS
163	Unit-cell thick BaTiO <sub>3</sub> blocks octahedral tilt propagation across oxide heterointerface. Journal of Applied Physics, 2014, 115, .	1.1	16
164	Ca <sub>2</sub> FeMnO <sub>6</sub> : A Layered Double Perovskite with Unusual High-Valence Fe <sup>4+</sup> in a Layered Arrangement. Bulletin of the Chemical Society of Japan, 2015, 88, 657-661.	2.0	16
165	Superconducting Phases with T <sub>c</sub> above 100 K in the Tl-Ba-Ca-Cu-O System. Japanese Journal of Applied Physics, 1988, 27, L591-L593.	0.8	15
166	Preparation and characterization of La <sub>0.8</sub> Sr <sub>0.2</sub> MnO <sub>3</sub> thin films by an excimer laser MOD process for a bolometer. Applied Physics A: Materials Science and Processing, 2004, 79, 1537-1539.	1.1	15
167	New Ferroelectric Ferromagnetic Bismuth Double-perovskites Synthesized by High-pressure Technique. Funtai Oyobi Fummtsu Yakini/Journal of the Japan Society of Powder and Powder Metallurgy, 2005, 52, 913-917.	0.1	15
168	Resistance switching in a single-crystalline NiO thin film grown on a Pt <sub>0.8</sub> Ir <sub>0.2</sub> electrode. Applied Physics Letters, 2009, 95, 012109.	1.5	15
169	Selective reduction of layers at low temperature in artificial superlattice thin films. Scientific Reports, 2011, 1, 27.	1.6	15
170	Nonmagnetic spin-singlet dimer formation and coupling to the lattice in the 6H perovskite Ba <sub>3</sub> CaRu <sub>2</sub> O <sub>9</sub> . Journal of Physics Condensed Matter, 2013, 25, 496008.	0.7	15
171	Research Update: Interface-engineered oxygen octahedral tilts in perovskite oxide heterostructures. APL Materials, 2015, 3, .	2.2	15
172	Orbital magnetic moments in $\text{SrRuO}_3$ epitaxial thin films with interfacially controlled magnetic anisotropy. Physical Review B, 2016, 94, .	1.1	15
173	Crystal structure, magnetic and transport properties, and electronic band structure of colossal magnetoresistance Tl <sub>2</sub> Mn <sub>2</sub> O <sub>7</sub> pyrochlore. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1999, 63, 44-48.	1.7	14
174	Current-induced electroresistive effect in mixed-phase La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> thin films. Applied Physics Letters, 2004, 85, 6194-6196.	1.5	14
175	Synthesis and Physical Properties of Double Perovskite Pb <sub>2</sub> FeReO <sub>6</sub> . Inorganic Chemistry, 2009, 48, 5962-5966.	1.9	14
176	Material Design and High-Pressure Synthesis of Novel A <sub>1-x</sub> Site-Ordered Perovskites A <sub>3</sub> Mn <sub>3</sub> Al <sub>4</sub> O <sub>12</sub> (A = Y, Yb, and Dy) with Square-Planar-Coordinated Mn <sup>3+</sup> . Bulletin of the Chemical Society of Japan, 2011, 84, 802-806.	2.0	14
177	Mesoporous Co <sub>3</sub> O <sub>4</sub> for Low Temperature CO Oxidation: Effect of Calcination Temperatures on Their Catalytic Performance. Journal of Nanoscience and Nanotechnology, 2011, 11, 3843-3850.	0.9	14
178	High-Concentration Na Doping of SrRuO <sub>3</sub> and CaRuO <sub>3</sub> . Inorganic Chemistry, 2014, 53, 4579-4584.	1.9	14
179	Influence of cation off-stoichiometry on structural and transport properties of (Ba,La)SnO <sub>3</sub> epitaxial thin films grown by pulsed laser deposition. Journal of Applied Physics, 2017, 121, .	1.1	14
180	Strain effect on thermoelectric properties of SrRuO <sub>3</sub> epitaxial thin films. Applied Physics Letters, 2019, 115, .	1.5	14

#	ARTICLE	IF	CITATIONS
181	Oxygen Reduction Reaction Catalytic Activities of Pure Ni-Based Perovskite-Related Structure Oxides. Chemistry of Materials, 2020, 32, 8694-8699.	3.2	14
182	Anisotropic in-plane lattice strain relaxation in brownmillerite SrFeO <sub>2.5</sub> epitaxial thin films. Journal of Applied Physics, 2013, 114, .	1.1	13
183	Successive Charge Transitions of Unusually High Valence Fe <sup>3.5+</sup> : Charge Disproportionation and Intermetallic Charge Transfer. Angewandte Chemie - International Edition, 2017, 56, 4243-4246.	7.2	13
184	Low-temperature crystal structures of Tl <sub>2</sub> Ba <sub>2</sub> CuO <sub>6</sub> and TlSr <sub>2</sub> CaCu <sub>2</sub> O <sub>7</sub> . Physica C: Superconductivity and Its Applications, 1992, 202, 199-208.	0.6	12
185	Charge and Magnetic Orderings in the Triangular-Lattice Antiferromagnet InFe <sub>2</sub> O <sub>4</sub> . Journal of the Physical Society of Japan, 2008, 77, 064803.	0.7	12
186	Superexchange interaction in the perovskite A-site ordered YMn <sub>3</sub> O <sub>12</sub> . Physical Review B, 2015, 92, .	1.1	12
187	One-Dimensional Oxygen Diffusion Mechanism in Sr <sub>2</sub> ScGaO <sub>5</sub> Electrolyte Explored by Neutron and Synchrotron Diffraction, <sup>17</sup> O NMR, and Density Functional Theory Calculations. Journal of Physical Chemistry C, 2015, 119, 11447-11458.	1.5	12
188	Geometrical Spin Frustration of Unusually High Valence Fe <sup>5+</sup> in the Double Perovskite La <sub>2</sub> LiFeO <sub>6</sub> . Inorganic Chemistry, 2016, 55, 6218-6222.	1.9	12
189	Oxygen octahedral distortions in compressively strained SrRuO <sub>3</sub> epitaxial thin films. Journal of Applied Physics, 2018, 123, 235303.	1.1	12
190	Field-sweep-rate and time dependence of transverse resistivity anomalies in ultrathin SrRuO <sub>3</sub> films. Physical Review B, 2020, 101, .	1.1	12
191	Spin reorientation in tetragonally distorted spinel oxide NiCo <sub>2</sub> O <sub>4</sub> epitaxial films. Physical Review B, 2021, 104, .	1.1	12
192	Two Charge Ordering Patterns in the Topochemically Synthesized Layer-Structured Perovskite LaCa <sub>2</sub> Fe <sub>3</sub> O <sub>9</sub> with Unusually High Valence Fe <sup>3.67+</sup> . Inorganic Chemistry, 2017, 56, 3695-3701.	1.9	11
193	2:1 Charge disproportionation in perovskite-structure oxide La <sub>1/3</sub> Ca <sub>2/3</sub> FeO <sub>3</sub> with unusually-high-valence Fe <sup>3.67+</sup> . Journal of Solid State Chemistry, 2017, 246, 199-202.	1.4	11
194	Selective growth of Fe <sub>2</sub> O <sub>3</sub> and Fe <sub>3</sub> O <sub>4</sub> at low temperatures and under ambient pressure. Japanese Journal of Applied Physics, 2019, 58, 095504.	0.8	11
195	Charge transitions in perovskite oxides containing unusually high-valent Fe. Chemical Communications, 2019, 55, 3690-3696.	2.2	11
196	Influence of deposition rate on magnetic properties of inverse-spinel NiCo <sub>2</sub> O <sub>4</sub> epitaxial thin films grown by pulsed laser deposition. Japanese Journal of Applied Physics, 2020, 59, 110905.	0.8	11
197	Scaling of the anomalous Hall effect in perpendicularly magnetized epitaxial films of the ferrimagnet Ca <sub>2</sub> Fe <sub>4</sub> O <sub>14</sub> . Physical Review B, 2021, 104, .		
198	Title is missing!. , 2000, 4, 427-432.		10

#	ARTICLE	IF	CITATIONS
199	Neutron diffraction study of a layered cobalt oxide SrCo <sub>6</sub> O <sub>11</sub> . Journal of Magnetism and Magnetic Materials, 2007, 310, 1584-1586.	1.0	10
200	Reduction and Oxidation of Transition-Metal Oxide Thin Films: Solid-State Chemistry with Epitaxially Grown Thin Films. Bulletin of the Chemical Society of Japan, 2013, 86, 299-311.	2.0	10
201	Electronic structure of BaFeO <sub>3</sub> studied by X-ray spectroscopy. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 818-821.	0.8	10
202	Phase control of a perovskite transition-metal oxide through oxygen displacement at the heterointerface. Dalton Transactions, 2015, 44, 10594-10607.	1.6	10
203	-type antiferromagnetic order in the metallic oxide $G\text{LaC}_3\text{O}_4$ . Physical Review B, 2019, 99, 040407.	1.1	10
204	Sequential Phase Transitions in Sm Substituted BiFeO <sub>3</sub> . Japanese Journal of Applied Physics, 2011, 50, 09NE08.	0.8	10
205	Slow oxidation of magnetite nanoparticles elucidates the limits of the Verwey transition. Nature Communications, 2021, 12, 6356.	5.8	10
206	Unexpectedly Large Contribution of Oxygen to Charge Compensation Triggered by Structural Disorder: Detailed Experimental and Theoretical Study on a Li <sub>3</sub> NbO <sub>4</sub> -NiO Binary System. ACS Central Science, 2022, 8, 775-794.	5.3	10
207	Unusual Ferromagnetic Metal: A-Site-Layer-Ordered Double Perovskite YBaCo <sub>2</sub> O <sub>6</sub> with Unusually High Valence Co <sup>3.5+</sup> . Chemistry of Materials, 2018, 30, 8702-8706.	1.1	9
208	Negative and positive thermal expansion-like volume changes due to intermetallic charge transfer based on an ionic crystal model of transition-metal oxides. APL Materials, 2018, 6, .	3.2	9
209	Preparation of iron(IV) nitridoferrate Ca <sub>4</sub> FeN <sub>4</sub> through azide-mediated oxidation under high-pressure conditions. Nature Communications, 2021, 12, 571.	5.8	9
210	Artificial Superlattice Thin Film of Infinite-Layer Structure [CaFeO <sub>2</sub> ]/[SrFeO <sub>2</sub> ]. Applied Physics Express, 2010, 3, 105601.	1.1	8
211	Geometric-shape-dependent structural transition behavior in (110) SrRuO <sub>3</sub> epitaxial thin films. Journal of Applied Physics, 2012, 111, .	1.1	8
212	Oxygen Incorporation into Infinite-layer Structure $\text{AFeO}_2$ (A = Sr or Ca). Chemistry Letters, 2013, 42, 732-734.	0.7	8
213	Characterization of domain structure in one-dimensional SrRuO <sub>3</sub> nanostructure using synchrotron x-ray microdiffraction. AIP Conference Proceedings, 2016, , .	0.3	8
214	Negative thermal expansion in high pressure layered perovskite Ca <sub>2</sub> GeO <sub>4</sub> . Chemical Communications, 2019, 55, 2984-2987.	2.2	8
215	Charge disproportionation and interchange transitions in twelve-layer $\text{BaFeO}_3$ . Physical Review B, 2020, 102, .	1.1	8

#	ARTICLE	IF	CITATIONS
217	Electric field induced modulation of transverse resistivity anomalies in ultrathin $\text{SrRuO}_3$ Charge and spin degrees of freedom in $\text{A}_{1-x}\text{B}_x\text{Cu}_3\text{O}_{12}$ -site ordered $\text{YCu}_3\text{O}_{12}$ and $\text{A}_{1-x}\text{B}_x\text{Cu}_3\text{O}_{12}$ . Physical Review B, 2021, 103, .	1.1	8
218	Ultrafast demagnetization in $\text{NiCo}_2\text{O}_4$ thin films probed by time-resolved microscopy. Applied Physics Letters, 2021, 119, .	1.1	8
219	Phase Transition of $\text{LiMn}_2\text{O}_4$ Spinel and its Application for Lithium Ion Secondary Battery. Materials Research Society Symposia Proceedings, 1997, 496, 287.	1.5	8
220	Development of a Variable Emittance Radiator, 1999. , 0, , .	0.1	7
221	Solid Solutions of Pauli-Paramagnetic $\text{CaCu}_3\text{V}_4\text{O}_{12}$ and Antiferromagnetic $\text{CaMn}_3\text{V}_4\text{O}_{12}$ . Inorganic Chemistry, 2013, 52, 10610-10614.	1.9	7
222	Two-Step Suppression of Charge Disproportionation in $\text{CaCu}_3\text{Fe}_4\text{O}_{12}$ under High Pressure. Journal of the Physical Society of Japan, 2016, 85, 034716.	0.7	7
223	Determination of Elemental Ratio in an Atomic Column by Electron Energy Loss Spectroscopy. ACS Nano, 2016, 10, 6680-6684.	7.3	7
224	Crystal Structures at Atomic Resolution of the Perovskite-Related $\text{GdBaMnFeO}_5$ and Its Oxidized $\text{GdBaMnFeO}_6$ . Inorganic Chemistry, 2017, 56, 1412-1417.	1.9	7
225	Hexagonal Perovskite $\text{Ba}_4\text{Fe}_3\text{NiO}_{12}$ Containing Tetravalent Fe and Ni Ions. Inorganic Chemistry, 2018, 57, 10410-10415.	1.9	7
226	Multiferroism Induced by Spontaneous Structural Ordering in Antiferromagnetic Iron Perovskites. Chemistry of Materials, 2019, 31, 5993-6000.	3.2	7
227	Correlations between oxygen octahedral distortions and magnetic and transport properties in strained $\text{La}_{0.5}\text{Sr}_{0.5}\text{Co}_3\text{O}_{12}$ thin films. Applied Physics Letters, 2011, 98, 031505.	1.7	7
228	Enhanced Piezoelectric Constant of $(1-x)\text{BiFeO}_3$ and $x\text{BiCoO}_3$ Thin Films Grown on $\text{LaAlO}_3$ Substrate. Japanese Journal of Applied Physics, 2011, 50, 031505.	0.8	7
229	Geometrical Spin Frustration and Monoclinic-Distortion-Induced Spin Canting in the Double Perovskites $\text{Ln}_2\text{LiFeO}_6$ (Ln = La, Nd, Sm, and Eu) with Unusually High Valence $\text{Fe}^{5+}$ . Journal of the American Chemical Society, 2021, 143, 19207-19213.	6.6	7
230	Electrochemical control and protonation of the strontium iron oxide $\text{SrFeO}_y$ by using proton-conducting electrolyte. Applied Physics Letters, 2022, 120, .	1.5	7
231	Fabrication and $I$ - $V$ characteristics of $p$ - $n$ junctions composed of high- $T_c$ superconductors and La-doped $\text{SrTiO}_3$ . Thin Solid Films, 2005, 486, 71-74.	0.8	6
232	Magnetic Interactions in A-Site-Ordered Perovskites $\text{LnCu}_3(\text{Ge}_{3/4}\text{Ga}_{1/4})_4\text{O}_{12}$ (Ln = La, Dy). Inorganic Chemistry, 2012, 51, 5095-5098.	1.9	6
233	Control of L-type Ferrimagnetism by the Ce/Vacancy Ordering in the $A$ -Site-Ordered Perovskite $\text{Ce}_{1/2}\text{Cu}_3\text{Ti}_4\text{O}_{12}$ . Inorganic Chemistry, 2014, 53, 1578-1584.	1.9	6
234			

#	ARTICLE	IF	CITATIONS
235	Charge and spin order in the perovskite $\text{Ca}_{1-x}\text{Fe}_x\text{Ti}_{1-x}\text{O}_{3-\delta}$ . <i>Physical Review B</i> , 2016, 93, 114407.	1.1	6
236	Ferromagnetism Induced by Substitution of the Iron(IV) Ion by an Unusual High-Valence Nickel(IV) Ion in Antiferromagnetic $\text{SrFeO}_3$ . <i>Angewandte Chemie</i> , 2016, 128, 1382-1385.	1.6	6
237	Charge and spin order in $\text{Ca}_{1-x}\text{Fe}_x\text{Ti}_{1-x}\text{O}_{3-\delta}$ . <i>Physical Review B</i> , 2016, 93, 114407.	1.1	6
238	Nanoscale oxygen ion dynamics in $\text{SrFeO}_{2.5+\delta}$ epitaxial thin films. <i>Applied Physics Letters</i> , 2018, 113, .	1.5	6
239	Growth-temperature-dependent coalescence determines structural phase of mist-chemical-vapor-deposition-grown $\text{SnO}_2$ thin films. <i>Journal of Applied Physics</i> , 2018, 124, 125303.	1.1	6
240	Direct observation of the partial valence transition of Cu in the A-site ordered $\text{LaCu}_3\text{Fe}_4\text{O}_{12-\delta}$ by soft X-ray absorption spectroscopy. <i>Physica B: Condensed Matter</i> , 2019, 568, 92-95.	1.3	6
241	Ruddlesden-Popper phases of lithium-hydroxide-halide antiperovskites: two dimensional Li-ion conductors. <i>RSC Advances</i> , 2020, 10, 41816-41820.	1.7	6
242	Tuning magnetic anisotropy by continuous composition-gradients in a transition metal oxide. <i>Journal of Applied Physics</i> , 2021, 129, .	1.1	6
243	Giant multiple caloric effects in charge transition ferrimagnet. <i>Scientific Reports</i> , 2021, 11, 12682.	1.6	6
244	In situ manipulation of perpendicular magnetic anisotropy in half-metallic $\text{NiCo}_2\text{O}_4$ thin film by proton insertion. <i>Japanese Journal of Applied Physics</i> , 2022, 61, SM1002.	0.8	6
245	Carrier-induced Magnetic Circular Dichroism in the Magnetoresistive Pyrochlore $\text{Ti}_2\text{Mn}_2\text{O}_7$ . <i>Journal of the Physical Society of Japan</i> , 2005, 74, 970-974.	0.7	5
246	Spin order in the charge disproportionated phases of the A-site layer ordered triple perovskite $\text{LaCa}_2\text{Fe}_3\text{O}_9$ . <i>Physical Review B</i> , 2018, 97, .	1.1	5
247	Charge Disproportionation in $\text{Sr}_{0.5}\text{Bi}_{0.5}\text{FeO}_3$ Containing Unusually High Valence $\text{Fe}^{3.5+}$ . <i>Inorganic Chemistry</i> , 2018, 57, 843-848.	1.9	5
248	Impact of Mn-O-Mn superexchange pathways in a honeycomb lattice Mn oxide with small charge-transfer energy. <i>Solid State Communications</i> , 2013, 162, 18-22.	0.9	4
249	Orbital Magnetic Moments in Strained $\text{SrRuO}_3$ Thin Films. <i>Journal of the Physical Society of Japan</i> , 2019, 88, 084708.	0.7	4
250	Oxygen Release and Incorporation Behaviors Influenced by A-Site Cation Order/Disorder in $\text{LaCa}_2\text{Fe}_3\text{O}_9$ with Unusually High Valence $\text{Fe}^{3.67+}$ . <i>Chemistry of Materials</i> , 2022, 34, 345-350.	3.2	4
251	Single crystal growth of A-site deficient superconductor $\text{Ca}_{2-x}\text{CuO}_2\text{Cl}_2$ . <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 420-421.	0.6	3
252	Effect of Zn substitution for Cu on near the hole concentration of per Cu. <i>Physica B: Condensed Matter</i> , 2009, 404, 713-716.	1.3	3

#	ARTICLE	IF	CITATIONS
253	Local conduction in junctions composed of Pt and single-crystalline Nb-doped SrTiO <sub>3</sub> . Thin Solid Films, 2010, 518, 3246-3249.	0.8	3
254	Band-to-band photoluminescence as a probe of electron carriers in Nb-doped SrTiO <sub>3</sub> epitaxial thin films. Applied Physics Express, 2014, 7, 015503.	1.1	3
255	Successive Charge Transitions of Unusually High Valence Fe <sup>3.5+</sup> : Charge Disproportionation and Intermetallic Charge Transfer. Angewandte Chemie, 2017, 129, 4307-4310.	1.6	3
256	Conversion of a Defect Pyrochlore into a Double Perovskite via High-Pressure, High-Temperature Reduction of Te <sup>6+</sup> . Inorganic Chemistry, 2020, 59, 343-349.	1.9	3
257	Metallic transport properties and electrostatic resistance modulations in LaNiO <sub>3</sub> ultrathin channels electrochemically etched in electric-double-layer transistors. Applied Physics Letters, 2020, 117, .	1.5	3
258	Extraction of the local coordination and electronic structures of FeO <sub>6</sub> octahedra using crystal field multiplet calculations combined with STEM-EELS. Applied Physics Letters, 2020, 117, 132902.	1.5	3
259	Successive and Site-Selective Oxygen Release from B-Site-Layer-Ordered Double Perovskite Ca <sub>2</sub> FeMnO <sub>6</sub> with Unusually High Valence Fe <sup>4+</sup> . Inorganic Chemistry, 2020, 59, 2024-2029.	1.9	3
260	Substitutional tuning of electronic phase separation in $\text{CaO}_{5k}\text{Fe}_3$ . Physical Review Materials, 2021, 5, .	0.9	3
261	Investigation of the upper critical field in artificially engineered Nb/V/Ta superlattices. Japanese Journal of Applied Physics, 2021, 60, 060902.	0.8	3
262	Multi- $k$ spin ordering in $\text{CaFe}_{12}\text{O}_{13}$ stabilized by spin-orbit coupling and further-neighbor exchange. Physical Review Research, 2021, 3, .	1.3	3
263	Variable Thermal-Emittance Radiator Using La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> Thick Film on PSZ Substrate. Key Engineering Materials, 2004, 269, 129-134.	0.4	2
264	Synthesis of Novel Functional Oxide Materials using High Pressures. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2015, 62, 289-296.	0.1	2
265	From Tetrahedral to Octahedral Iron Coordination: Layer Compression in Topochemically Prepared FeLa <sub>2</sub> Ti <sub>3</sub> O <sub>10</sub> . Inorganic Chemistry, 2016, 55, 11529-11537.	1.9	2
266	A Layered Double Perovskite Ca <sub>2</sub> FeMnO <sub>6</sub> with Unusually High Valence Fe <sup>4+</sup> Obtained by Low-Temperature Topotactic Oxidation. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2016, 63, 605-608.	0.1	2
267	Pauli-paramagnetic and metallic properties of high pressure polymorphs of BaRhO <sub>3</sub> oxides containing Rh <sub>2</sub> O <sub>9</sub> dimers. Dalton Transactions, 2021, 50, 4673-4679.	1.6	2
268	3D to 2D Magnetic Ordering of Fe <sup>3+</sup> Oxides Induced by Their Layered Perovskite Structure. Inorganic Chemistry, 2021, 60, 8027-8034.	1.9	2
269	Topotactic Oxygen Release and Incorporation in AFeO <sub>3</sub> with Fe <sup>4+</sup> , AFeO <sub>2.5</sub> with Fe <sup>3+</sup> , and AFeO <sub>2</sub> with Fe <sup>2+</sup> (A = Ca and Tj) ETQ <sub>1.1</sub> 0.784314 rgB <sub>2</sub> Solid State Science and Technology, 2022, 11, 043004.	0.9	2
270	Crystallographic Features and Tetragonal Phase Stability of PbVO <sub>3</sub> , a New Member of PbTiO <sub>3</sub> Family.. ChemInform, 2005, 36, no.	0.1	1



#	ARTICLE	IF	CITATIONS
271	Designed Ferromagnetic, Ferroelectric Bi <sub>2</sub> NiMnO <sub>6</sub> . ChemInform, 2005, 36, no.	0.1	1
272	Single-Crystal Thin Films of SrFeO <sub>2</sub> and LaNiO <sub>2</sub> with Infinite-Layer Structures. Materials Research Society Symposia Proceedings, 2008, 1148, 1.	0.1	1
273	HAADF-STEM analysis of layered double perovskite La <sub>2</sub> CuSnO <sub>6</sub> grown epitaxially. Journal of Microscopy, 2009, 236, 100-103.	0.8	1
274	X-Ray Spectroscopic Studies of A <sub>2</sub> -Site Ordered Perovskite LaMn <sub>3</sub> B <sub>4</sub> O <sub>12</sub> (A = V, Tj ETQqO		
275	Electronic structure of Cu in ferromagnetic CaCu <sub>3</sub> Sn <sub>4</sub> O <sub>12</sub> . Journal of Physics: Conference Series, 2013, 428, 012030.	0.3	1
276	Low-temperature reduction of brownmillerite CaFeO <sub>2.5</sub> in LaAlO <sub>3</sub> /CaFeO <sub>2.5</sub> heterostructures made on SrTiO <sub>3</sub> . Dalton Transactions, 2014, 43, 14596-14599.	1.6	1
277	High Pressure Synthesis and Physical Properties of Sr <sub>0.5</sub> Ca <sub>x</sub> Bi <sub>0.5</sub> FeO <sub>3</sub> . Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2018, 65, 269-273.	0.1	1
278	Layered Hexagonal Perovskite Oxides 21R Ba <sub>7</sub> Fe <sub>5</sub> Ge <sub>2</sub> O <sub>20</sub> and 12H Ba <sub>6</sub> Fe <sub>3</sub> Ge <sub>3</sub> O <sub>17</sub> . Inorganic Chemistry, 2021, 60, 1257-1263.	1.9	1
279	Multiple magnetic interactions in ordered perovskite-structure oxides. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, C981-C981.	0.0	1
280	Triaxial magnetic anisotropy and Morin transition in $\text{Fe}_2\text{O}_3$ epitaxial films characterized by spin Hall magnetoresistance. Applied Physics Letters, 2022, 120, 112403.	1.5	1
281	LiNbO <sub>3</sub> -type Polar Antiferromagnet InVO <sub>3</sub> Synthesized under High-Pressure Conditions. Angewandte Chemie - International Edition, 2022, , .	7.2	1
282	Charge Transfer between Fe and Ti Induced by Ln Substitution and Temperature in the B-Site-Disordered Perovskites Ln <sub>2</sub> (FeTi)O <sub>6</sub> (Ln = La, Pr, and Nd). Bulletin of the Chemical Society of Japan, 2022, 95, 1011-1015.	2.0	1
283	Thin Film Growth and Magnetotransport Study of (La, Sr)MnO <sub>3</sub> . Materials Research Society Symposia Proceedings, 1997, 494, 15.	0.1	0
284	A Variable-Emittance Radiator Based on a Metal-Insulator Transition of (La,Sr)MnO <sub>3</sub> . Materials Research Society Symposia Proceedings, 2002, 755, 1.	0.1	0
285	Multiferroic Bi <sub>2</sub> NiMnO <sub>6</sub> with a Double-Perovskite Structure: High-Pressure Synthesized Bulk and Epitaxially Grown Thin Films. Materials Research Society Symposia Proceedings, 2007, 1034, 68.	0.1	0
286	Probing nanoscale inhomogeneities in transition metal oxides with ultrafast mid-infrared spectroscopy. Physica B: Condensed Matter, 2008, 403, 1401-1403.	1.3	0
287	Material Design, Synthesis, Measurements of Structural and Physical Properties, and Electronic Structure Calculation of New Functional Oxides: Novel A-site Ordered Perovskite Structure Oxides. Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2010, 57, 779-785.	0.1	0
288	Rhombohedral-tetragonal structural change and enhanced piezoelectric constant in (1-x)BiFeO <sub>3</sub> -xBiCoO <sub>3</sub> thin films. IOP Conference Series: Materials Science and Engineering, 2011, 18, 092017.	0.3	0

#	ARTICLE	IF	CITATIONS
289	Sequential Phase Transitions in Sm Substituted BiFeO <sub>3</sub> . Funtai Oyobi Fummtsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2012, 59, 239-245.	0.1	0
290	B23-P-06 Local electronic structure Analysis for brownmillerite CaFeMnO <sub>2.5</sub> . Microscopy (Oxford, England), 2015, 64, i114.2-i114.	0.7	0
291	Influence of cation off-stoichiometry on transport properties of metal/Nb-SrTiO <sub>3</sub> junctions. Journal of Applied Physics, 2015, 117, 205305.	1.1	0
292	Direct Observation and Engineering of Oxygen Coordination Environments in Oxide Heterostructures. Funtai Oyobi Fummtsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2016, 63, 829-834.	0.1	0
293	New ordered perovskite-structure oxides synthesized by high-pressure technique. Journal of Physics: Conference Series, 2017, 950, 032022.	0.3	0
294	Atomic Level Engineering of Structural and Functional Properties of Transition Metal Oxides. Funtai Oyobi Fummtsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2018, 65, 255-260.	0.1	0
295	Suppression of Sequential Charge Transitions in Ca <sub>0.5</sub> Bi <sub>0.5</sub> FeO <sub>3</sub> via B-Site Cobalt Substitution. Chemistry of Materials, 2018, 30, 5493-5499.	3.2	0
296	Synthesis of Functional Oxides Using Cubic Anvil Press—BiNiO <sub>3</sub> Exhibiting Inter-site Charge Transfer—. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2009, 19, 241-247.	0.1	0
297	LiNbO <sub>3</sub> -type Polar Antiferromagnet InVO <sub>3</sub> Synthesized under High-Pressure Conditions. Angewandte Chemie, 0, , .	1.6	0