

Yoshio Matsui

List of Publications by Year in descending order

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319
papers

14,787
citations

30070

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20961

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326
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docs citations

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times ranked

9432
citing authors

#	ARTICLE	IF	CITATIONS
1	Corrigendum to "Synthesis of bulk silicon oxynitride glass through nitridation of SiO ₂ aerogels and determination of $\langle T_g \rangle$ ". Journal of the American Ceramic Society, 2022, 105, 757-757.	3.8	0
2	Chemothermal pulverization: Crushing titanate crystals to obtain nanosized powders via high-temperature treatment. Journal of the American Ceramic Society, 2022, 105, 1913-1927.	3.8	1
3	Synthesis of bulk silicon oxynitride glass through nitridation of SiO ₂ aerogels and determination of $\langle T_g \rangle$. Journal of the American Ceramic Society, 2021, 104, 4420-4432.	3.8	5
4	Polar nano-region structure in the oxynitride perovskite LaTiO ₂ N. Chemical Communications, 2020, 56, 1385-1388.	4.1	7
5	Zn-Al layered double hydroxide-based nanocomposite functionalized with an octahedral molybdenum cluster exhibiting prominent photoactive and oxidation properties. Applied Clay Science, 2020, 196, 105765.	5.2	16
6	Zn-Al Layered Double Hydroxide Film Functionalized by a Luminescent Octahedral Molybdenum Cluster: Ultraviolet-Visible Photoconductivity Response. ACS Applied Materials & Interfaces, 2020, 12, 40495-40509.	8.0	15
7	Original Synthesis of Molybdenum Nitrides Using Metal Cluster Compounds as Precursors: Applications in Heterogeneous Catalysis. Chemistry of Materials, 2020, 32, 6026-6034.	6.7	11
8	Observation of stacking faults and photoluminescence of laurate ion intercalated Zn/Al layered double hydroxide. Materials Letters, 2018, 213, 323-325.	2.6	8
9	Embedding hexanuclear tantalum bromide cluster {Ta ₆ Br ₁₂ } into SiO ₂ nanoparticles by reverse microemulsion method. Heliyon, 2018, 4, e00654.	3.2	9
10	Transmission Electron Diffraction. , 2018, , 769-774.		0
11	Nanotwin hardening in a cubic chromium oxide thin film. APL Materials, 2015, 3, 096105.	5.1	3
12	Biskyrmion states and their current-driven motion in a layered manganite. Nature Communications, 2014, 5, 3198.	12.8	241
13	Towards control of the size and helicity of skyrmions in helimagnetic alloys by spin-orbit coupling. Nature Nanotechnology, 2013, 8, 723-728.	31.5	264
14	Structural Phase Transition and Magnetic-Field Effect on the Modulated Structure in GdBaCo ₂ O _{5+δ} ($\delta < 0.5$). Physical Review Letters, 2013, 110, 125502.	7.8	5
15	Magnetocrystalline anisotropy behavior in the multiferroic BiMnO ₃ examined by Lorentz transmission electron microscopy. Applied Physics Letters, 2012, 101, 052407.	3.3	5
16	Preformed nanoscale ferromagnetism in manganites. Europhysics Letters, 2012, 100, 67007.	2.0	3
17	Skyrmion flow near room temperature in an ultralow current density. Nature Communications, 2012, 3, 988.	12.8	709
18	Magnetic stripes and skyrmions with helicity reversals. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8856-8860.	7.1	289

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19	Enhancement of Intragrain Critical Current Density in Bi-Based Superconductor by Substitutional Structural Defects. IEEE Transactions on Applied Superconductivity, 2011, 21, 3203-3205.	1.7	0
20	Coupling between Magnetic and Crystallographic Domains in Ordered Double Perovskite. Nihon Kessho Gakkaishi, 2011, 53, 119-123.	0.0	0
21	Near room-temperature formation of a skyrmion crystal in thin-films of the helimagnet FeGe. Nature Materials, 2011, 10, 106-109	27.5	1,374
22	Multiple charge modulations in the ferromagnetic insulating state of lightly doped La _{1-x} MnO ₃ . Physical Review B, 2011, 83, .	3.2	11
23	Lattice modulation induced by magnetic order in the magnetoelectric helimagnet Ba _{0.5} Sr _{1.5} Zn ₂ Fe ₁₂ O ₂₂ . Physical Review B, 2011, 83, .	3.2	11
24	Observation of Skyrmion Lattice by Lorentz Transmission Electron Microscopy. Nihon Kessho Gakkaishi, 2011, 53, 274-279.	0.0	0
25	Carbon nanotube-chalcogenide glass composite. Journal of Solid State Chemistry, 2010, 183, 144-149.	2.9	28
26	Transverse modulation and uniform period in Bi _{1-x} Sr _x MnO ₃ . Physica B: Condensed Matter, 2010, 405, 1686-1689.	2.7	2
27	Local crystal structure analysis with several picometer precision using scanning transmission electron microscopy. Ultramicroscopy, 2010, 110, 778-782.	1.9	105
28	Real-space observation of a two-dimensional skyrmion crystal. Nature, 2010, 465, 901-904.	27.8	2,626
29	Synthesis and Precise Analysis of Bi ₂ Sr ₂ Ca _{n-1} Cu _n O _y Superconducting Whiskers. Advances in Science and Technology, 2010, 75, 192-196.	0.2	2
30	Relationship between magnetic domain configuration and crystallographic orientation in a colossal magnetoresistive material. Journal of Electron Microscopy, 2010, 59, S95-S100.	0.9	1
31	Entanglement-free fibrils of aligned polyacetylene films that produce single nanofibers. Nanoscale, 2010, 2, 509.	5.6	22
32	Possible origins of the magnetoresistance gain in colossal magnetoresistive oxide La _{0.69} Ca _{0.31} MnO ₃ : Structure fluctuation and pinning effect on magnetic domain walls. Applied Physics Letters, 2009, 95, 092504.	3.3	8
33	Imaging of variation in charge/orbital/spin ordering structure in Sm _{1-x} Sr _x MnO ₃ (x=0.55 and 0.6). Applied Physics Letters, 2009, 94, 082509.	3.3	7
34	Direct observation of single dopant atom in light-emitting phosphor of β -SiAlON:Eu ²⁺ . Applied Physics Letters, 2009, 94, .	3.3	147
35	Phase competition and long-period charge/orbital ordering in the overdoped distorted perovskite manganites R _{1-x} MnO ₃ . Physical Review B, 2009, 80, .	3.2	9
36	The application of Lorentz transmission electron microscopy to the study of lamellar magnetism in hematite-ilmenite. American Mineralogist, 2009, 94, 262-269.	1.9	18

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37	Local crystal structure analysis with 10-pm accuracy using scanning transmission electron microscopy. <i>Journal of Electron Microscopy</i> , 2009, 58, 131-136.	0.9	49
38	Synchrotron radiation x-ray photoemission spectroscopy and high-resolution transmission electron microscopy analysis of Bi ₂ Sr ₂ Ca _{n-1} Cu _n O _y superconducting whiskers with high critical current density. <i>Journal of Applied Physics</i> , 2009, 106, 083907.	2.5	2
39	Synthesis of Orthorhombic Mo ₆ O ₂₁ Polyoxometalate Building Blocks. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3782-3786.	13.8	96
40	Effect of multielement doping on low-field magnetotransport in La _{0.7-x} M _x Ca _{0.3} MnO ₃ (0.0 ≤ x ≤ 0.45) manganite. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 1814-1820.	2.3	26
41	Allophane films formed at the liquid/liquid interface. <i>Applied Clay Science</i> , 2009, 46, 330-332.	5.2	1
42	Enhancement in ordering of Fe ₅₀ Pt ₅₀ film caused by Cr and Cu additives. <i>Journal of Applied Physics</i> , 2009, 106, 033907.	2.5	21
43	Anomalously large anisotropic magnetoresistance in a perovskite manganite. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14224-14229.	7.1	74
44	Element-selective Imaging of Atomic Columns in Crystal Using STEM-EELS. <i>Materia Japan</i> , 2009, 48, 640-640.	0.1	0
45	Crystal Structure Analysis Using Annular Dark-Field Imaging with High Precision. <i>Microscopy and Microanalysis</i> , 2009, 15, 468-469.	0.4	0
46	Nanoscale pseudobrookite layer in the surface glaze of a Japanese sekishu roof tile. <i>Clay Minerals</i> , 2009, 44, 177-180.	0.6	5
47	Novel ternary Y-B-C compound: Y _{10-x} B ₇ C _{10-x} (x ≈ 0.1). <i>Journal of Physics: Conference Series</i> , 2009, 176, 012006.	0.4	1
48	A study on the structural microstructural characterisation and defect structure of Ru based magnetosuperconductor, RuSr ₂ Eu _{1.6} Ce _{0.4} Cu ₂ O ₁₀ . <i>Physica C: Superconductivity and Its Applications</i> , 2008, 468, 458-463.	1.2	5
49	Molybdenum Vanadium Based Molecular Sieves with Microchannels of Seven Membered Rings of Corner Sharing Metal Oxide Octahedra. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2493-2496.	13.8	102
50	Effect of base pressure on the structure and magnetic properties of FePt thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2008, 320, 250-256.	2.3	13
51	Production of bulk dilute ferromagnetic semiconductor by mechanical milling. <i>Journal of Magnetism and Magnetic Materials</i> , 2008, 320, e674-e677.	2.3	14
52	Decisive factors for realizing atomic-column resolution using STEM and EELS. <i>Micron</i> , 2008, 39, 257-262.	2.2	26
53	Decisive factors for realizing atomic-column resolution using STEM and EELS. <i>Micron</i> , 2008, 39, 653-657.	2.2	10
54	Anomalous ferromagnetic behavior and large magnetoresistance induced by orbital fluctuation in heavily doped Nd _{1-x} Sr _x MnO ₃ . <i>Journal of Applied Physics</i> , 2008, 104, 043907.	2.2	10

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55	Structural and Physical Properties of Heavily Doped Yttrium Vanadate: Y _{0.6} Cd _{0.4} VO ₃ . Chemistry of Materials, 2008, 20, 5246-5252.	6.7	1
56	Direct observation of the spin structures of vortex domain walls in ferromagnetic nanowires. Physical Review B, 2008, 78, .	3.2	19
57	Synthesis and structural properties of n=1 Ruddlesden-Popper manganites Nd _{1-x} Ca _{1+x} MnO ₄ . Journal of Alloys and Compounds, 2008, 453, 247-252.	5.5	6
58	Helical Carbon and Graphitic Films Prepared from Iodine-Doped Helical Polyacetylene Film Using Morphology-Retaining Carbonization. Journal of the American Chemical Society, 2008, 130, 10880-10881.	13.7	102
59	Dopant-Dependent Impact of Mn-Site Doping on Critical-State Manganites R _{0.6} Sr _{0.4} MnO ₃ (R=La, Nd, Sm, and Gd). Journal of the Physical Society of Japan, 2008, 77, 124712.	1.6	9
60	Structural microstructural characteristics and its correlations with the superconducting properties of in situ PIT-processed MgB ₂ tapes with ethyltoluene and SiC powder added. Superconductor Science and Technology, 2008, 21, 115013.	3.5	13
61	Crystal symmetry of BiMnO ₃ . http://www.w3.org/1998/Math/MathML display="inline" BiMnO_3 Electron diffraction study. Physical Review B, 2008, 77, .	3.2	46
62	Topological spin textures in the helimagnet FeGe. Physical Review B, 2008, 77, .	3.2	78
63	Magnetic and transport and structure properties of the room temperature ferromagnet Sr _{1-x} HoxCoO ₃ . Journal of Applied Physics, 2008, 103, .	2.5	8
64	Tubular-Shaped Nanocarbons Prepared from Polyaniline Synthesized by a Self-Assembly Process and Their Electrical Conductivity. Journal of Nanoscience and Nanotechnology, 2008, 8, 1999-2004.	0.9	21
65	Effect of Quenched Disorder on Charge Ordering Structure in RE _{1.67} AEO _{3.33} NiO ₄ (RE = La, Pr, Nd, Sm; AE) Tj ETQq 1.6 0.784314 rgBT	1.6	2
66	Strong pinning effect and magnetic nanodomain formation by coupling between magnetic and crystallographic domains in the ordered double perovskite Ba ₂ FeMoO ₆ . Physical Review B, 2007, 75, .	3.2	39
67	Nanostructural evidence at the phase boundary of A- and C-type antiferromagnetic phases in Nd _{1-x} Sr _x MnO ₃ crystals. Journal of Physics Condensed Matter, 2007, 19, 492201.	1.8	5
68	Structural properties of carbon prepared from aligned polyacetylene thin films. Synthetic Metals, 2007, 157, 546-550.	3.9	9
69	High-Pressure Synthesis and Properties of Solid Solutions between BiMnO ₃ and BiScO ₃ . Chemistry of Materials, 2007, 19, 1679-1689.	6.7	32
70	Direct observation of the bandwidth-disorder induced variation of charge/orbital ordering structure in RE _{0.5} (Ca _{1-x} ySry) _{1.5} MnO ₄ . Journal of Physics Condensed Matter, 2007, 19, 172203.	1.8	6
71	Development of dedicated STEM with high stability. Journal of Electron Microscopy, 2007, 56, 17-20.	0.9	20
72	Vertically Aligned Single-Crystal ZnO Nanotubes Grown on LiAlO ₂ (100) Substrate by Metalorganic Chemical Vapor Deposition. Japanese Journal of Applied Physics, 2007, 46, L730-L732.	1.5	18

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73	Origin of the Monoclinic-to-Monoclinic Phase Transition and Evidence for the Centrosymmetric Crystal Structure of BiMnO ₃ . Journal of the American Chemical Society, 2007, 129, 971-977.	13.7	194
74	Diffuse Phase Transition and Anisotropic Evolution of Nanodomains in Nd _{0.2} Sr _{0.8} MnO ₃ . Journal of the Physical Society of Japan, 2007, 76, 103706.	1.6	3
75	New misfit-layered cobalt oxide (CaOH) _{1.14} CoO ₂ . Journal of Solid State Chemistry, 2007, 180, 249-259.	2.9	30
76	Microstructure of screen-printed (Tl _{0.5} Pb _{0.5})(Sr _{0.8} Ba _{0.2}) ₂ Ca ₂ Cu ₃ O _y superconducting films on untextured silver substrate. Physica C: Superconductivity and Its Applications, 2007, 460-462, 736-737.	1.2	2
77	Crystal structure analysis of Co-based layered cuprates CoSr ₂ (Y _{1-x} Ca _x)Cu ₂ O _{7-δ} by transmission electron microscopy techniques. Physica C: Superconductivity and Its Applications, 2007, 467, 192-197.	1.2	0
78	Observation of magnetic domain structures in. Journal of Magnetism and Magnetic Materials, 2007, 310, 782-784.	2.3	5
79	Magnetic properties of the calcium ferrite-type. Journal of Magnetism and Magnetic Materials, 2007, 310, 1578-1580.	2.3	2
80	Post-spinel transition and magnetic properties of LiMn ₂ O ₄ . Physica Status Solidi (B): Basic Research, 2007, 244, 285-289.	1.5	1
81	Element-selective imaging of atomic columns in a crystal using STEM and EELS. Nature, 2007, 450, 702-704.	27.8	359
82	Analyses of Superstructure of Layered Perovskite Manganites in Charge/Orbital Ordering State by Low-Temperature TEM. Nihon Kessho Gakkaishi, 2007, 49, 300-306.	0.0	0
83	Parent of Misfit-Layered Cobalt Oxides: [Sr ₂ O ₂] _q CoO ₂ . Chemistry of Materials, 2006, 18, 155-158.	6.7	38
84	Spinel-to-CaFe ₂ O ₄ -Type Structural Transformation in LiMn ₂ O ₄ under High Pressure. Journal of the American Chemical Society, 2006, 128, 9448-9456.	13.7	70
85	Real-Space Observation of Helical Spin Order. Science, 2006, 311, 359-361.	12.6	244
86	BiScO ₃ : \hat{A} Centrosymmetric BiMnO ₃ -type Oxide. Journal of the American Chemical Society, 2006, 128, 706-707.	13.7	124
87	Impurity effect in a novel spin-Peierls compound TiOBr. Physica B: Condensed Matter, 2006, 383, 1-4.	2.7	1
88	Hole doping into Co _{1-2s} copper oxides with s fluorite-structured layers between CuO ₂ planes. Journal of Solid State Chemistry, 2006, 179, 632-645.	2.9	5
89	Crystal structure of the parent misfit-layered cobalt oxide [Sr ₂ O ₂] _q CoO ₂ . Journal of Solid State Chemistry, 2006, 179, 1898-1903.	2.9	10
90	Monoclinic phase of the misfit-layered cobalt oxide (Ca _{0.85} OH) _{1.16} CoO ₂ . Journal of Solid State Chemistry, 2006, 179, 3974-3980.	2.9	13

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91	High-Pressure Synthesis, Crystal Structures, and Properties of Perovskite-like BiAlO ₃ and Pyroxene-like BiGaO ₃ . <i>Chemistry of Materials</i> , 2006, 18, 133-139.	6.7	196
92	Incommensurate to commensurate phase transition in a new spin-Peierls system TiOBr. <i>Physica B: Condensed Matter</i> , 2006, 378-380, 1066-1067.	2.7	3
93	Crystal symmetry and superlattice reflections in spin-Peierls system TiOBr. <i>Science and Technology of Advanced Materials</i> , 2006, 7, 17-21.	6.1	3
94	Effect of Quenched Disorder on Charge-Orbital-Spin Ordering in Single-Layer Manganites. <i>Journal of the Physical Society of Japan</i> , 2006, 75, 053602.	1.6	12
95	Observation of Magnetic Nanodomains in a Layered Manganite. <i>Materia Japan</i> , 2006, 45, 893-893.	0.1	0
96	Advantages of a monochromator for bandgap measurements using electron energy-loss spectroscopy. <i>Micron</i> , 2005, 36, 185-189.	2.2	77
97	0.23eV energy resolution obtained using a cold field-emission gun and a streak imaging technique. <i>Micron</i> , 2005, 36, 465-469.	2.2	24
98	Novel metallic ferromagnet Sr ₂ CoO ₄ . <i>Thin Solid Films</i> , 2005, 486, 113-116.	1.8	11
99	Investigations on the structural disordering of neutron-irradiated highly oriented pyrolytic graphite by X-ray diffraction and electron microscopy. <i>Journal of Applied Crystallography</i> , 2005, 38, 361-367.	4.5	41
100	Microstructures Associated with Dielectric and Magnetic Properties in (1-x)BiFeO ₃ -xBaTiO ₃ . <i>Japanese Journal of Applied Physics</i> , 2005, 44, 7148-7150.	1.5	12
101	TEM study of the influence of antisite defects on magnetic domain structures in double perovskite Ba ₂ FeMoO ₆ . <i>Journal of Electron Microscopy</i> , 2005, 54, 61-65.	0.9	19
102	Observation of Magnetic Ripple and Nanowidth Domains in a Layered Ferromagnet. <i>Physical Review Letters</i> , 2005, 95, 227204.	7.8	26
103	Crystallographic superstructure of Ti-doped hexagonal YMnO ₃ . <i>Physical Review B</i> , 2005, 71, .	3.2	41
104	High-Pressure Synthesis, Crystal Structure Determination, and a Ca Substitution Study of the Metallic Rhodium Oxide NaRh ₂ O ₄ . <i>Chemistry of Materials</i> , 2005, 17, 359-365.	6.7	37
105	Changes of magnetic domain structure induced by temperature-variation and electron-beam irradiation in Pr _{0.5} Sr _{0.5} CoO ₃ . <i>Applied Physics Letters</i> , 2005, 86, 131913.	3.3	24
106	Transversely Modulated Structure of Charge-Orbital Ordered Manganites. <i>Materia Japan</i> , 2005, 44, 970-970.	0.1	0
107	Observation of Magnetic Domain Structures in Strongly Correlated Magnetic Materials by Lorentz Electron Microscopy. <i>Nihon Kessho Gakkaishi</i> , 2005, 47, 83-88.	0.0	0
108	Stacking Manner of Charge Reservoir Blocks in Superconducting Copper Oxides. , 2005, , 589-618.		0

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109	Metallic Ferromagnet with Square-Lattice CoO_2 Sheets. <i>Physical Review Letters</i> , 2004, 93, 167202.	7.8	108
110	High-Tc superconductivity in three-fluorite-layer copper oxides. II. $(\text{Cu}, \text{Mo})\text{Sr}_2(\text{Ce}, \text{Y})_3\text{Cu}_2\text{O}_{11+\delta}$. <i>Physical Review B</i> , 2004, 70, .	3.2	14
111	High-resolution transmission electron microscopy analysis of the interface between a Tl-1223 (001) superconducting film and an untextured Ag substrate. <i>Applied Physics Letters</i> , 2004, 85, 4627-4629.	3.3	8
112	High-Tc superconductivity in three-fluorite-layer copper oxides. I. $(\text{Hg}, \text{W})\text{Sr}_2(\text{Ce}, \text{Eu})_3\text{Cu}_2\text{O}_{11+\delta}$. <i>Physical Review B</i> , 2004, 70, .	3.2	5
113	Critical current density and ultra high-voltage transmission electron microscopic image for melt-processed fine filamentary $\text{EuBa}_2\text{Cu}_3\text{O}_x$ superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 415, 103-108.	1.2	5
114	Electron microscope studies of nano-domain structures in Ru-based magneto-superconductors: $\text{RuSr}_2\text{Gd}_{1.5}\text{Ce}_{0.5}\text{Cu}_2\text{O}_{10+\delta}$ (Ru-1222) and $\text{RuSr}_2\text{GdCu}_2\text{O}_8$ (Ru-1212). <i>Ultramicroscopy</i> , 2004, 98, 283-295.	1.9	15
115	Single graphene sheet detected in a carbon nanofilm. <i>Applied Physics Letters</i> , 2004, 84, 2403-2405.	3.3	94
116	Fine modulations in the diffraction pattern of boron nitride nanotubes synthesised by non-ablative laser heating. <i>EPJ Applied Physics</i> , 2004, 28, 293-300.	0.7	3
117	Non-uniformity of temperatures along nanotubes in hot reactors and axial growth. <i>EPJ Applied Physics</i> , 2004, 28, 173-178.	0.7	2
118	Structural, Magnetic and Electrical Properties of A-Site-Ordered Perovskites. <i>Nihon Kessho Gakkaishi</i> , 2004, 46, 98-102.	0.0	0
119	Observation of Low Temperature Phase of Filled-Skutterudite Type Compound $\text{PrRu}_4\text{P}_{12}$. <i>Nihon Kessho Gakkaishi</i> , 2004, 46, 90-93.	0.0	0
120	TEM Observation of Structural Order and Disorder in Co-Based Layered Cuprates. <i>Nihon Kessho Gakkaishi</i> , 2004, 46, 339-344.	0.0	0
121	Preparation of films of the carbonate compound $(\text{Ba}_x\text{Sr}_{1-x})_2\text{Cu}_1\text{yO}_2(\text{CO}_3)_1\text{y}$ by molecular beam epitaxy. <i>Electronics and Communications in Japan</i> , 2003, 86, 77-83.	0.2	0
122	High-pressure synthesis, crystal structure and magnetic properties of a new cuprate $(\text{Nd}, \text{Ce})_{2+x}\text{CaCu}_2\text{O}_{6+y}$. <i>Journal of Solid State Chemistry</i> , 2003, 170, 24-29.	2.9	7
123	New ferromagnets of $\text{Sr}_8\text{ARe}_3\text{Cu}_4\text{O}_{24}$ (A=Sr, Ca) with an ordered perovskite structure. <i>Journal of Solid State Chemistry</i> , 2003, 175, 366-371.	2.9	20
124	Structural order and disorder in Co-based layered cuprates $\text{CoSr}_2(\text{Y}, \text{Ce})_s\text{Cu}_2\text{O}_{5+2s}$ ($s=1\sim 3$). <i>Journal of Solid State Chemistry</i> , 2003, 176, 213-220.	2.9	14
125	Practical procedure for coma-free alignment using caustic figure. <i>Ultramicroscopy</i> , 2003, 96, 219-227.	1.9	7
126	Experimental investigation of phase contrast formed by inelastically scattered electrons. <i>Ultramicroscopy</i> , 2003, 96, 335-342.	1.9	17

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127	Structure analysis of Au-containing cuprate of $Au_{1+x}Ba_2Ca_2Cu_3O_9$ (Au-1223). <i>Physica C: Superconductivity and Its Applications</i> , 2003, 387, 406-410.	1.2	5
128	High-resolution transmission electron microscopy study of modulation structures in $Bi_2Sr_2(RE_{1-x}Ce_x)_2Cu_2O_{10+y}$ (RE: Y, Nd, Sm and Gd). <i>Physica C: Superconductivity and Its Applications</i> , 2003, 392-396, 105-109.	1.2	0
129	Carbon Nanofilm with a New Structure and Property. <i>Japanese Journal of Applied Physics</i> , 2003, 42, L1073-L1076.	1.5	104
130	High-pressure synthesis and characterization of the Au-1201 phase. <i>Journal of Alloys and Compounds</i> , 2003, 361, 28-31.	5.5	2
131	Possible presence of a charge-orbital density wave in layered manganites $Nd_{1-x}Ca_{1+x}MnO_4$. <i>Physical Review B</i> , 2003, 68, .	3.2	18
132	Coordination and interface analysis of atomic-layer-deposition Al_2O_3 on Si(001) using energy-loss near-edge structures. <i>Applied Physics Letters</i> , 2003, 83, 4306-4308.	3.3	112
133	Noncubic layered structure of $Ba_{1-x}K_xBiO_3$ superconductor. <i>Physical Review B</i> , 2003, 67, .	3.2	25
134	The study of Al-L23 ELNES with resolution-enhancement software and first-principles calculation. <i>Journal of Electron Microscopy</i> , 2003, 52, 299-303.	0.9	35
135	Charge/Orbital Ordering Structure of $Pr_{1-x}Ca_xMnO_3$ ($x=3/8$) Examined by Low-Temperature Transmission Electron Microscopy. <i>Physical Review Letters</i> , 2002, 88, 097201.	7.8	46
136	Transversely modulated crystal structure of charge-orbital ordered manganites $Nd_{1-x}Sr_{1+x}MnO_4$ ($x=2/3, 3/4$). <i>Physical Review B</i> , 2002, 65, .	3.2	28
137	Charge/Orbital Ordering Structure in Ordered Perovskite $Sm_{1/2}Ba_{1/2}MnO_3$. <i>Journal of the Physical Society of Japan</i> , 2002, 71, 2605-2608.	1.6	35
138	Formation of Ti_2AlC Nanocrystals via Vapor-Condensation through the Thermal Plasma Vaporization of TiC and Al . <i>Journal of the Ceramic Society of Japan</i> , 2002, 110, 830-833.	1.3	2
139	Observation of magnetic domain structure in phase-separated manganites by Lorentz electron microscopy. <i>Journal of Electron Microscopy</i> , 2002, 51, 225-229.	0.9	25
140	The structure of the decagonal approximant $Al_{3₃Mn}$ interpreted as a modulated crystal. <i>Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties</i> , 2002, 82, 387-391.	0.6	0
141	The pseudocubic approximant $Mg_{51₅₁Zn_{20₂₀}$ interpreted as a modulated crystal. <i>Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties</i> , 2002, 82, 831-839.	0.6	0
142	Ferromagnetic Domain Structures and Nanoclusters in $Nd_{1/2}Sr_{1/2}MnO_3$. <i>Physical Review Letters</i> , 2002, 89, 207203.	7.8	36
143	High-Resolution and Low Temperature Tem Study of Superconducting Cuprates and CMR-Manganites. <i>Microscopy and Microanalysis</i> , 2002, 8, 388-389.	0.4	0
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