

Toshimitsu Ito

List of Publications by Year in descending order

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193
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193
docs citations

193
times ranked

4612
citing authors

#	ARTICLE	IF	CITATIONS
1	Anisotropic spin-wave excitations in multiferroic BiFeO_3 . Physical Review B, 2022, 105, .		
2	Efficient heat dissipation from Ga_2O_3 film directly bonded on diamond substrate. , 2022, , .		0
3	Magnetic and Electronic Properties of Single Crystals of Perovskite Nickelate Oxide LaNiO_3 Prepared by the Laser Diode Floating Zone Method. Journal of the Physical Society of Japan, 2021, 90, 034704.	0.7	5
4	Terahertz-Field-Induced Changes of Electronic States Associated with a Polarization Modulation in BiFeO_3 . Journal of the Physical Society of Japan, 2021, 90, 033703.	0.7	4
5	Selection rules and dynamic magnetoelectric effect of the spin waves in multiferroic BiFeO_3 . Physical Review B, 2021, 104, .	1.1	2
6	Magnetoelastic distortion of multiferroic BiFeO_3 in the canted antiferromagnetic state. Physical Review B, 2020, 102, .	1.1	6
7	Low-temperature direct bonding of Ga_2O_3 and diamond substrates under atmospheric conditions. Applied Physics Letters, 2020, 116, .	1.5	53
8	Ultrafast light-driven simultaneous excitation of coherent terahertz magnons and phonons in multiferroic BiFeO_3 . Physical Review B, 2020, 101, .	1.1	16
9	Magnetic field induced antiferromagnetic cone structure in multiferroic BiFeO_3 . Physical Review Materials, 2020, 4, .	0.9	3
10	Direct coupling of ferromagnetic moment and ferroelectric polarization in BiFeO_3 . Physical Review B, 2019, 100, .	1.1	16
11	Purification of Ga_2O_3 crystals by the zone refining method. Japanese Journal of Applied Physics, 2019, 58, 110908.	0.8	2
12	Compensation effects between impurity cations in single crystals of a wide gap semiconductor Ga_2O_3 prepared by the floating zone method. Japanese Journal of Applied Physics, 2019, 58, 091009.	0.8	8
13	Highly transparent wide-gap-like features in the frustrated ferromagnetic compound $\text{Ca}_2\text{YCu}_2\text{O}_7$. Physical Review B, 2019, 100, .	1.1	10
14	Doublon-holon pairing mechanism via exchange interaction in two-dimensional cuprate Mott insulators. Science Advances, 2019, 5, eaav2187.	4.7	20
15	Terahertz-optical properties of a bismuth ferrite single crystal. Physical Review B, 2019, 99, .	1.1	13
16	Magnetic Field Control of Cycloidal Domains and Electric Polarization in Multiferroic BiFeO_3 . Physical Review Letters, 2018, 120, 147203.	2.9	15
17	Electronic phase diagram of half-doped perovskite manganites on the plane of quenched disorder versus one-electron bandwidth. Physical Review B, 2018, 97, .	1.1	9
18	Magnetically Controlled Surface Acoustic Waves on Multiferroic BiFeO_3 . Physical Review Applied, 2018, 9, .	1.5	9

#	ARTICLE	IF	CITATIONS
19	Magnetic and nonmagnetic impurity effects on Cu ₃ Mo ₂ O ₉ . Journal of Physics: Conference Series, 2018, 969, 012110.	0.3	0
20	Probing ultrafast spin-relaxation and precession dynamics in a cuprate Mott insulator with seven-femtosecond optical pulses. Nature Communications, 2018, 9, 3948.	5.8	18
21	Ga ₂ O ₃ /Si and Al ₂ O ₃ /Si Room-Temperature Wafer Bonding Using in-Situ Deposited Si Thin Film. ECS Transactions, 2018, 86, 169-174.	0.3	2
22	Magnetotransport Properties of Eu _{1-x} La _x TiO ₃ (0 ≤ x ≤ 0.07) Single Crystals. Journal of the Physical Society of Japan, 2018, 87, 094716.	0.7	5
23	Unusual elasticity of monoclinic $\hat{\Gamma}^2\hat{\Gamma}$ -Ga ₂ O ₃ . Journal of Applied Physics, 2018, 124, .	1.1	36
24	Comment on $\hat{\Gamma}^2\hat{\Gamma}$ -Oxygen vacancy-induced magnetic moment in edge-sharing CuO ₂ chains of Li ₂ CuO ₂ . New Journal of Physics, 2018, 20, 058001.	1.2	8
25	Two superconducting transitions in single-crystal La _{2-x} Ba _x CuO ₄ . Physical Review B, 2017, 95, .	1.1	3
26	Successive field-induced transitions in $\langle \text{BiFeO}_3 \rangle$ around room temperature. Physical Review Materials, 2017, 1, .	1.1	1
27	Resistive memory effects in BiFeO ₃ single crystals controlled by transverse electric fields. Applied Physics Letters, 2016, 108, .	1.5	6
28	Multiple broken symmetries in striped $\langle \text{La}_2\text{CuO}_7 \rangle$ by the field-symmetric Nernst effect. Physical Review B, 2016, 93, .	1.1	1
29	Hysteretic magnetoresistance and unconventional anomalous Hall effect in the frustrated magnet TmB ₄ . Physical Review B, 2016, 93, .	1.1	22
30	Orbital-dependent electron correlation in LiFeAs revealed by angle-resolved photoemission spectroscopy. Physical Review B, 2016, 93, .	1.1	6
31	Origin of modulated phases and magnetic hysteresis in $\langle \text{TmB}_4 \rangle$. Physical Review B, 2015, 92, .	1.1	1
32	Ferroelectricity in underdoped La-based cuprates. Scientific Reports, 2015, 5, 15268.	1.6	6
33	Muon-Spin Rotation in Multiferroic Cu ₃ Mo ₂ O ₉ under Electric Fields. Physics Procedia, 2015, 75, 221-229.	1.2	1
34	Multiferroic Properties of Cu ₃ (Mo,W) ₂ O ₉ . Physics Procedia, 2015, 75, 134-141.	1.2	1
35	Cu-NMR Study on the Quasi one Dimensional Antiferromagnet Cu ₃ Mo ₂ O ₉ . Physics Procedia, 2015, 75, 641-646.	1.2	1
36	Magnetic State of the Geometrically Frustrated Quasi-One-Dimensional Spin System Cu ₃ Mo ₂ O ₉ Studied by Thermal Conductivity. Journal of the Physical Society of Japan, 2015, 84, 124601.	0.7	2

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37	High field studies on BiFeO ₃ single crystals grown by the laser-diode heating floating zone method. Journal of Magnetism and Magnetic Materials, 2015, 383, 259-261.	1.0	6
38	Neutron inelastic scattering measurements of low-energy phonons in the multiferroic BiFeO ₃ . Physical Review B, 2015, 91, .		
39	Magnetic control of transverse electric polarization in BiFeO ₃ . Nature Communications, 2015, 6, 5878.	5.8	94
40	Evolutions of Metallic Ferromagnetism and Magnetotransport Properties of La _{1-x} Ba _x MnO ₃ Single Crystals with 0 ≤ x ≤ 0.5. Journal of the Physical Society of Japan, 2015, 84, 024703.	0.7	6
41	Magnetoresistance in a doped Mott-Hubbard system: R _{TiO₃} . Physical Review B, 2015, 91, .	1.1	4
42	Ultrafast near-infrared nonlinear absorption in a multiferroic single crystal of bismuth ferrite. Japanese Journal of Applied Physics, 2015, 54, 092201.	0.8	7
43	Angle-Resolved Photoemission Study on Insulator-to-Metal Transition of Sm _{1-x} Y _x S. , 2014, , .		3
44	Strong Electronic Correlations in Iron Pnictides: Comparison of Optical Spectra for BaFe ₂ As ₂ -Related Compounds. Journal of the Physical Society of Japan, 2014, 83, 104703.	0.7	24
45	Photoinduced Absorption with Ultrafast Decay Constants in a Large Single Crystal of BiFeO ₃ . , 2014, , .		0
46	Electronic structure of BaNi ₂ by angle-resolved photoemission spectroscopy. Physical Review B, 2014, 89, .		
47	Pseudogap formation above the superconducting dome in iron pnictides. Physical Review B, 2014, 89, .	1.1	77
48	Normal-state charge dynamics in doped BaFe ₂ As ₂ : Roles of doping and necessary ingredients for superconductivity. Scientific Reports, 2014, 4, 5873.	1.6	48
49	Anisotropy of the superconducting gap in the iron-based superconductor BaFe ₂ (As _{1-x} P _x) ₂ . Scientific Reports, 2014, 4, 7292.	1.6	25
50	Thermal, dielectric, and magnetic properties in multiferroic Cu _{2.85} Zn _{0.15} Mo ₂ O ₉ . Journal of the Korean Physical Society, 2013, 63, 542-545.	0.3	6
51	Oxygen Diffusion and Nonstoichiometry in BiFeO ₃ . Inorganic Chemistry, 2013, 52, 12806-12810.	1.9	14
52	Laser-diode-heated floating zone (LDFZ) method appropriate to crystal growth of incongruently melting materials. Journal of Crystal Growth, 2013, 363, 264-269.	0.7	39
53	Electric field modulation of the tetragonal domain orientation revealed in the magnetic ground state of quantum paraelectric EuTiO ₃ . Physical Review B, 2013, 87, .	1.1	40
54	Effect of Doping on the Magnetostructural Ordered Phase of Iron Arsenides: A Comparative Study of the Resistivity Anisotropy in Doped BaFe ₂ As ₂ with Doping into Three Different Sites. Journal of the American Chemical Society, 2013, 135, 3158-3163.	6.6	43

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55	Dependence of Carrier Doping on the Impurity Potential in Transition-Metal-Substituted FeAs-Based Superconductors. <i>Physical Review Letters</i> , 2013, 110, 107007.	2.9	73
56	Effects of Zn substitution on the electronic structure of BaFe ₂ As ₂ revealed by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2013, 87, .	1.1	10
57	Anisotropy of the In-Plane Resistivity of Underdoped $Ba_{1-x}Fe_xAs_2$. <i>Physical Review Letters</i> , 2013, 110, 207001.	2.9	65
58	Publisher's Note: Dependence of Carrier Doping on the Impurity Potential in Transition-Metal-Substituted FeAs-based Superconductors [Phys. Rev. Lett. 110 , 107007 (2013)]. <i>Physical Review Letters</i> , 2013, 110, .	2.9	5
59	Quantum oscillations in iron-based superconductors: BaFe ₂ As ₂ vs. KFe ₂ As ₂ . <i>Journal of Physics: Conference Series</i> , 2013, 449, 012022.	0.3	2
60	Magnetic and electric properties in the distorted tetrahedral spin chain system Cu ₃ Mo ₂ O ₉ . <i>Journal of Physics: Conference Series</i> , 2012, 400, 032022.	0.3	4
61	NMR study on field-induced charge anomaly in Cu ₃ Mo ₂ O ₉ . <i>Journal of Physics: Conference Series</i> , 2012, 400, 032056.	0.3	0
62	Ca ₂ Y ₂ Cu ₅ O ₁₀ : The First Frustrated Quasi-1D Ferromagnet Close to Criticality. <i>Physical Review Letters</i> , 2012, 109, 117207.	2.9	26
63	Effect of Co Doping on the In-Plane Anisotropy in the Optical Spectrum of Underdoped $Ba_{1-x}Fe_xAs_2$. <i>Physical Review Letters</i> , 2012, 109, 217003.	2.9	65
64	Three-dimensional electronic structure and interband nesting in the stoichiometric superconductor LiFeAs. <i>Physical Review B</i> , 2012, 85, .	1.1	27
65	NMR study on field-induced charge anomaly in Cu ₃ Mo ₂ O ₉ . <i>Journal of Physics: Conference Series</i> , 2012, 400, 032055.	0.3	0
66	Magnetic Dispersion and Anisotropy in Multiferroic $BiFeO_3$. <i>Physical Review Letters</i> , 2012, 109, 067205.	2.9	89
67	Magnetic Ordering and Tunable Structural Phase Transition in the Chromic Compound CuMoO ₄ . <i>Journal of the Physical Society of Japan</i> , 2011, 80, 093708.	0.7	4
68	Hybridization of magnetic excitations between quasi-one-dimensional spin chains and spin dimers in Cu ₃ Mo ₂ O ₉ observed using inelastic neutron scattering. <i>Physical Review B</i> , 2011, 83, .	1.1	21
69	Growth of Highly Insulating Bulk Single Crystals of Multiferroic BiFeO ₃ and Their Inherent Internal Strains in the Domain-Switching Process. <i>Crystal Growth and Design</i> , 2011, 11, 5139-5143.	1.4	54
70	Crystal growth of Cu _{3-<i>x</i>} Zn _{<i>x</i>} Mo ₂ O ₉ by continuous solid-state crystallization method. <i>Journal of Crystal Growth</i> , 2011, 334, 108-112.	0.7	11
71	Muon spin relaxation and susceptibility measurements of an itinerant-electron system Sr _{1-<i>x</i>} Ca _{<i>x</i>} RuO ₃ : Quantum evolution from ferromagnet to paramagnet. <i>Physical Review B</i> , 2011, 84, .	1.1	18
72	Superconducting gap in iron pnictides studied by optical spectroscopy. <i>Journal of Physics and Chemistry of Solids</i> , 2011, 72, 511-513.	1.9	3

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73	Doping effect on the carrier scattering in iron-pnictide superconductors studied by charge transport. Journal of Physics and Chemistry of Solids, 2011, 72, 407-409.	1.9	1
74	Effects of uniaxial pressure and annealing on the resistivity of Ba(Fe $_{1-x}$ Co) $_2$ As $_2$. Journal of Physics and Chemistry of Solids, 2011, 72, 418-419.	1.9	24
75	Electric Polarization Induced by N�el Order without Magnetic Superlattice: Experimental Study of Cu $_3$ Mo $_2$ O $_9$ and Numerical Study of a Small Spin Cluster. Journal of the Physical Society of Japan, 2011, 80, 083705.	0.7	35
76	Complete Fermi Surface in BaFe $_2$ As $_2$ via Shubnikov-de Haas Oscillation Measurements on Detwinned Single Crystals. Physical Review Letters, 2011, 107, 176402.	2.9	83
77	Carrier charge transport in the magnetocrystallographically ordered phase of BaFe $_2$ As $_2$. Physical Review B, 2011, 84, 040407.	1.1	72
78	Unprecedented anisotropic metallic state in undoped iron arsenide BaFe $_2$ As $_2$ revealed by optical spectroscopy. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 12238-12242.	3.3	173
79	MHD Modes Destabilized by Energetic Ions on LHD. Fusion Science and Technology, 2010, 58, 186-193.	0.6	8
80	Growth of PrFeAsO $_{1-x}$ single crystals and its characterization. Physica C: Superconductivity and Its Applications, 2010, 470, S322-S323.	0.6	3
81	High Field ESR Measurements of S=1/2 Quasi One-Dimensional Antiferromagnet Cu $_3$ Mo $_2$ O $_9$. Journal of Low Temperature Physics, 2010, 159, 32-36.	0.6	8
82	Optical response of FeAs-based compounds. Physica C: Superconductivity and Its Applications, 2010, 470, S326-S327.	0.6	4
83	Characteristic charge transport in oxygen-deficiency-controlled Ln $_2$ FeAsO $_7$ (Ln = La and Nd). Physica C: Superconductivity and Its Applications, 2010, 470, S324-S325.	0.6	0
84	Possible hydrogen doping and enhancement of T $_c$ (=35�K) in a LaFeAsO-based superconductor. Applied Physics Letters, 2010, 96, 072514.	1.5	35
85	Evolution of the optical spectrum with doping in Ba $_x$ Fe $_{2-x}$ As $_2$. Physical Review B, 2010, 81, 040407.	1.1	125
86	Muon spin rotation measurements of heterogeneous field response in overdoped La $_2$ FeAsO $_7$. Physical Review B, 2010, 81, 040407.	1.1	12
87			

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91	Magnetic-field-induced phase transition of coupled edge spins in the Haldane gap system Three-dimensional nature of normal and superconducting states in Physical Review B, 2009, 79, .	1.1	2
92	Magnetic and electronic properties of Physical Review B, 2009, 79, .	1.1	32
93	Magnetic and electronic properties of Physical Review B, 2009, 79, .	1.1	34
94	Phase competition and long-period charge/orbital ordering in the overdoped distorted perovskite manganites Physical Review B, 2009, 80, .	1.1	8
95	High-pressure synthesis and physical properties of new iron (nickel)-based superconductors. Physica C: Superconductivity and Its Applications, 2009, 469, 355-369.	0.6	39
96	Growth of single crystal PrFeAsO _{1-y} and its characterization. Physica C: Superconductivity and Its Applications, 2009, 469, 901-904.	0.6	28
97	Transport properties of single crystal. Physica C: Superconductivity and Its Applications, 2009, 469, 905-907.	0.6	2
98	Drastic and Sharp Change in Color, Shape, and Magnetism in Transition of CuMoO ₄ Single Crystals. Chemistry of Materials, 2009, 21, 3376-3379.	3.2	29
99	Excitation of stable Alfvén eigenmodes by application of alternating magnetic field perturbations in the Compact Helical System. Physics of Plasmas, 2009, 16, 092105.	0.7	5
100	Pressure-Induced Modification of Crystal Structure in NdFeAsO _{1-y} (1-y=0.85), Accompanied by Remarkable Suppression of T _c . Journal of the Physical Society of Japan, 2009, 78, 013705.	0.7	19
101	Effect of Structural Parameters on Superconductivity in Fluorine-Free LnFeAsO _{1-y} (Ln = La, Nd). Journal of the Physical Society of Japan, 2008, 77, 083704.	0.7	574
102	Absence of Broken Time-Reversal Symmetry in the Pseudogap State of the High Temperature from Muon-Spin-Relaxation Measurements. Physical Review Letters, 2008, 101, 017001.	2.9	62
103	Remarkable Suppression of T _c by Pressure in NdFeAsO _{1-y} (1-y=0.85). Journal of the Physical Society of Japan, 2008, 77, 083704.	0.7	14
104	Superconductivity of NdFeAsO _{1-y} under Hydrostatic Pressure. Journal of the Physical Society of Japan, 2008, 77, 131-133.	0.7	12
105	Temperature Dependence of Crystal Structure of the T _c = 51 K Superconductor NdFeAsO _{1-y} (1-y= 0.85). Journal of the Physical Society of Japan, 2008, 77, 134-135.	0.7	2
106	Crystallographic Structure of Fluorine-Free Oxypnictide NdFeAsO _{1-y} by Electron Microscopy. Journal of the Physical Society of Japan, 2008, 77, 129-130.	0.7	0
107	Synthesis and Physical Properties of LnFeAsO _{1-y} . Journal of the Physical Society of Japan, 2008, 77, 36-39.	0.7	10
108	A Resistive Transition between the Normal and Superconducting State of BaNi ₂ P ₂ Single Crystals. Journal of the Physical Society of Japan, 2008, 77, 136-137.	0.7	5

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109	Mesoscopic Phase Coherence in a Quantum Spin Fluid. <i>Science</i> , 2007, 317, 1049-1052.	6.0	37
110	Structure analysis of mutually incommensurate composite crystal $(\text{Ca}_{0.5}\text{Y}_{0.5})_{0.80}\text{CuO}_2$. <i>Journal of Alloys and Compounds</i> , 2006, 408-412, 1226-1229.	2.8	2
111	ESR studies of quantum spin systems using the pulsed magnetic field. <i>Journal of Physics: Conference Series</i> , 2006, 51, 15-22.	0.3	7
112	Submillimeter Wave ESR Measurement of a Finite Haldane Chain System $\text{Y}_2\text{BaNi}_{0.96}\text{Mg}_{0.04}\text{O}_5$. , 2006, , .		0
113	Water uptake and infrared absorption in $\text{SrZr}_{0.95}\text{M}_{0.05}\text{O}_3$ -a (M=Ca, Sc, Y and Nd). <i>Journal of Thermal Analysis and Calorimetry</i> , 2005, 81, 545-548.	2.0	5
114	Effects of hole doping on magnetic ground and excited states in the edge-sharing CuO_2 chains of $\text{Ca}_{2-x}\text{Y}_{2x}\text{Cu}_5\text{O}_{10}$. <i>Physical Review B</i> , 2005, 71, .	1.1	13
115	Muon Spin Relaxation Studies of Magnetic-Field-Induced Effects in High-Tc Superconductors. <i>Physical Review Letters</i> , 2005, 95, 157001.	2.9	51
116	Energy Structure of a Finite Haldane Chain in $\text{Y}_2\text{BaNi}_{0.96}\text{Mg}_{0.04}\text{O}_5$ Studied by High Field Electron Spin Resonance. <i>Physical Review Letters</i> , 2005, 95, 117202.	2.9	25
117	The spin chirality induced anomalous Hall effect in pyrochlore ferromagnets. <i>Journal of Physics Condensed Matter</i> , 2004, 16, S599-S606.	0.7	11
118	Specific-heat study of the spin-structural change in pyrochlore $\text{Nd}_2\text{Mo}_2\text{O}_7$. <i>Physical Review B</i> , 2004, 70, .	1.1	10
119	Expansion of vortex cores by strong electronic correlation in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ at low magnetic induction. <i>Physical Review B</i> , 2004, 69, .	1.1	22
120	Two-dimensional nature of superconductivity in the intercalated layered systems Li_xHfNCl and Li_xZrNCl : Muon spin relaxation and magnetization measurements. <i>Physical Review B</i> , 2004, 69, .	1.1	47
121	Temperature dependent local Cu-O displacements from underdoped to overdoped La-Sr-Cu-O superconductor. <i>European Physical Journal B</i> , 2003, 36, 75-80.	0.6	28
122	Spin dynamics in the two-dimensional spin system $\text{SrCu}_2(\text{BO}_3)_2$. <i>Physica B: Condensed Matter</i> , 2003, 326, 446-449.	1.3	7
123	Superspace group description of single composite crystal $(\text{Ca}_{0.5}\text{Y}_{0.5})_{0.80}\text{CuO}_2$. <i>Physica B: Condensed Matter</i> , 2003, 329-333, 985-987.	1.3	0
124	Polarized neutron scattering study of the CuO_2 chains in $\text{Ca}_2\text{Y}_2\text{Cu}_5\text{O}_{10}$. <i>Physica B: Condensed Matter</i> , 2003, 329-333, 711-712.	1.3	0
125	Contrast between static- and mobile-impurity effects on Haldane-gap system Y_2BaNiO_5 studied by specific heat. <i>Physica B: Condensed Matter</i> , 2003, 329-333, 890-891.	1.3	4
126	Large vortex core at low magnetic induction in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ probed by muon spin rotation. <i>Physica C: Superconductivity and Its Applications</i> , 2003, 388-389, 631-632.	0.6	0

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127	Magnetic Field Induced Sign Reversal of the Anomalous Hall Effect in a Pyrochlore Ferromagnet $\text{Nd}_2\text{Mo}_2\text{O}_7$: Evidence for a Spin Chirality Mechanism. <i>Physical Review Letters</i> , 2003, 90, 257202.	2.9	71
128	Muon Spin Relaxation and Susceptibility Studies of the Pure and Diluted Spin-1 Kagomé-Like Lattice System $(\text{Cu}_x\text{Zn}_{1-x})_3\text{V}_2\text{O}_7(\text{OH})_2 \cdot 2\text{H}_2\text{O}$. <i>Physical Review Letters</i> , 2003, 91, 207603.	2.9	54
129	Structure of End States for a Haldane Spin Chain. <i>Physical Review Letters</i> , 2003, 90, 087202.	2.9	40
130	Different temperature-dependent local displacements in the underdoped and overdoped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ system. <i>Europhysics Letters</i> , 2003, 63, 125-131.	0.7	25
131	Study of Temperature Dependent Local Structure by Polarized Cu K-edge EXAFS Measurements on $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ ($x=0.105, 0.13, 0.20$). <i>Journal of the Physical Society of Japan</i> , 2003, 72, 829-834.	0.7	7
132	Optical conductivity of the nonsuperconducting cuprate $\text{La}_{8-x}\text{Sr}_x\text{Cu}_8\text{O}_{20}$. <i>Physical Review B</i> , 2002, 65, .	1.1	26
133	Muon spin relaxation studies of incommensurate magnetism and superconductivity in stage-4 La_2CuO_4 and $\text{La}_{1.88}\text{Sr}_{0.12}\text{CuO}_4$. <i>Physical Review B</i> , 2002, 66, .	1.1	130
134	Detailed magnetic structure of the coupled edge-sharing CuO_2 chains in $\text{Ca}_2\text{Y}_2\text{Cu}_5\text{O}_{10}$. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s637-s639.	1.1	4
135	The electronic structure of the doped one-dimensional transition metal oxide $\text{Y}_{2-x}\text{Ca}_x\text{BaNiO}_5$ studied using X-ray absorption. <i>European Physical Journal B</i> , 2002, 26, 449-453.	0.6	6
136	Application of ultrasonic velocity profile meter to vortex shedding and empirical eigenfunctional analysis. <i>Experiments in Fluids</i> , 2001, 31, 324-335.	1.1	11
137	Crystal growth of $\text{Ca}_{2+x}\text{Y}_2\text{Cu}_5\text{O}_{10}$ with edge-sharing CuO_2 chains by the traveling-solvent floating-zone method. <i>Journal of Crystal Growth</i> , 2001, 229, 419-422.	0.7	6
138	Preparation of ramp-edge interface modified junctions for HTS SFQ circuits. <i>IEEE Transactions on Applied Superconductivity</i> , 2001, 11, 159-162.	1.1	13
139	Magnetic excitations from the edge-sharing CuO_2 chains in $\text{Ca}_2\text{Y}_2\text{Cu}_5\text{O}_{10}$. <i>Physical Review B</i> , 2001, 63, .	1.1	23
140	Charge dynamics of doped holes in one-dimensional $S=1$ Haldane-gap system $\text{Y}_2\text{Cu}_x\text{Ba}_{1-x}\text{NiO}_5$. <i>Physical Review B</i> , 2001, 64, .	1.1	15
141	Lipase Production in Two-Step Fed-Batch Culture of Organic Solvent-Tolerant <i>Pseudomonas aeruginosa</i> LST-03.. <i>Journal of Bioscience and Bioengineering</i> , 2001, 91, 245-250.	1.1	16
142	Magnetism of oxygen deficient perovskite $\text{La}_{8-x}\text{Sr}_x\text{Cu}_8\text{O}_{20}$. <i>Physica B: Condensed Matter</i> , 2000, 289-290, 198-201.	1.3	1
143	Transport properties of hybrid magnetic system $\text{La}_{8-x}\text{Sr}_x\text{Cu}_8\text{O}_{20}$. <i>Physica B: Condensed Matter</i> , 2000, 284-288, 1379-1380.	1.3	0
144	Crystal growth of the quasi-one-dimensional compound. <i>Physica B: Condensed Matter</i> , 2000, 284-288, 1390-1391.	1.3	5

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145	EPR measurement on Er-doped InP grown by organometallic vapor phase epitaxy. Applied Magnetic Resonance, 2000, 19, 3-7.	0.6	4
146	ANOMALOUS INFRARED PROPERTIES OF THE OXYGEN DEFICIENT CUPRATE $\text{La}_{1-x}\text{Sr}_x\text{CuO}_{2.0}$. International Journal of Modern Physics B, 2000, 14, 3542-3547.	1.0	0
147	STUDY OF COMPLEX Cu-O LATTICE IN $\text{La}_{1-x}\text{Sr}_x\text{CuO}_{2.0}$ BY HIGH RESOLUTION X-RAY ABSORPTION SPECTROSCOPY. International Journal of Modern Physics B, 2000, 14, 3656-3661.	1.0	2
148	Holes in a Quantum Spin Liquid. Science, 2000, 289, 419-422.	6.0	58
149	Magnetism in $\text{La}_{1-x}\text{Sr}_x\text{CuO}_{2.0}$: A hybrid system with localized one-dimensional Cu-O chains and an itinerant three-dimensional Cu-O network. Physical Review B, 1999, 60, R15031-R15034.	1.1	7
150	Anisotropic magnetic susceptibility of single crystal $\text{Ca}_2\text{Y}_2\text{Cu}_5\text{O}_{10}$ with edge-sharing CuO_2 chain. Physica C: Superconductivity and Its Applications, 1999, 320, 167-172.	0.6	17
151	Tunneling spectroscopy of superconducting $\text{Nd}_{1.85}\text{Ce}_{0.15}\text{CuO}_4$. Physical Review B, 1998, 57, 8680-8686.	1.1	107
152	Bulk Superconductivity in Single Crystals of $\text{PrBa}_2\text{Cu}_3\text{O}_{7-x}$. Japanese Journal of Applied Physics, 1997, 36, L18-L20.	0.8	130
153	Anisotropic magnetization characteristic of Cu_3O_4 planes in $\text{Ba}_2\text{Cu}_3\text{O}_4\text{Cl}_2$. Physical Review B, 1997, 55, R684-R687.	1.1	26
154	Surface impedance measurements on high- T_c superconductors using a far-infrared laser. IEEE Transactions on Applied Superconductivity, 1997, 7, 1853-1856.	1.1	0
155	Extremely sharp Er-related luminescence in Er-doped GaP grown by OMVPE with TBP. , 1997, , .		0
156	Local lattice instability and stripes in the CuO_2 plane of the $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4$ system by polarized XANES and EXAFS. Physical Review B, 1997, 55, 12759-12769.	1.1	124
157	Crystal growth of $\text{PrBa}_2\text{Cu}_3\text{O}_{7-y}$. Physica C: Superconductivity and Its Applications, 1997, 282-287, 479-480.	0.6	14
158	Low temperature magnetic ordering of $\text{Ba}_2\text{Cu}_3\text{O}_4\text{Cl}_2$ with Cu_3O_4 planes. , 1997, 104, 85-90.		3
159	Magnetic coherence in the transition metal oxides. Physica B: Condensed Matter, 1997, 237-238, 30-35.	1.3	1
160	A comparative characteristic study of a flux-grown and a travelling solvent floating-zone-grown crystal of $\text{PrBa}_2\text{Cu}_3\text{O}_x$. Physica C: Superconductivity and Its Applications, 1997, 282-287, 481-482.	0.6	9
161	Charge order in oxygen deficient perovskite $\text{La}_{1-x}\text{Sr}_x\text{CuO}_{2.0}$. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1079-1080.	0.6	5
162	Transport properties of oxygen-deficient perovskite $\text{La}_{1-x}\text{Sr}_x\text{CuO}_{2.0}$. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1123-1124.	0.6	3

#	ARTICLE	IF	CITATIONS
163	Magnetic field penetration depth in single crystal $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4$ and $\text{Nd}_{1.85}\text{Ce}_{0.15}\text{CuO}_4$. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1465-1466.	0.6	20
164	Tunneling spectroscopy and symmetries in YBCO and NCCO. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1477-1478.	0.6	2
165	Orientation dependence of tunneling spectra in YBCO and NCCO. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1485-1486.	0.6	12
166	Temperature dependent Cu-O distribution function of the superconducting CuO_2 plane. Physica C: Superconductivity and Its Applications, 1996, 268, 121-127.	0.6	23
167	Y_2BaNiO_5 : A nearly ideal realization of the $S=1$ Heisenberg chain with antiferromagnetic interactions. Physical Review B, 1996, 54, R6827-R6830.	1.1	120
168	Determination of the Local Lattice Distortions in the CuO_2 Plane of $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4$. Physical Review Letters, 1996, 76, 3412-3415.	2.9	602
169	Growth of large $\text{LaBa}_2\text{Cu}_3\text{O}_{7-y}$ and $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8-y}$ crystals. , 1996, , 333-336.		1
170	X-Ray Diffraction Study on Single Crystal of $\text{La}_{1.91}\text{Ba}_{0.09}\text{CuO}_4$. Journal of the Physical Society of Japan, 1995, 64, 3614-3617.	0.7	5
171	Local lattice instability of CuO_2 plane in $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4$ by polarized Cu K edge absorption. Physica C: Superconductivity and Its Applications, 1995, 251, 383-388.	0.6	10
172	Interplane charge dynamics in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. Physical Review Letters, 1994, 72, 3088-3091.	2.9	86
173	Crystal growth of $\text{REBa}_2\text{Cu}_3\text{O}_{7-y}$ (RE=Y, La, Pr, Nd and Sm) by the travelling-solvent floating-zone method. Physica C: Superconductivity and Its Applications, 1994, 227, 77-84.	0.6	51
174	New technique for the crystal growth of $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$ ($x \leq 0.15$). Physica C: Superconductivity and Its Applications, 1994, 231, 305-310.	0.6	17
175	Crystal growth of $\text{REBa}_2\text{Cu}_3\text{O}_{7-y}$ and ambient atmosphere. Physica C: Superconductivity and Its Applications, 1994, 235-240, 355-356.	0.6	2
176	Growth and transport properties of single-crystalline $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$. Physica C: Superconductivity and Its Applications, 1994, 235-240, 549-550.	0.6	2
177	Photoemission study of La-system cuprate oxide superconductors. Physica C: Superconductivity and Its Applications, 1994, 235-240, 1049-1050.	0.6	1
178	Surface Impedance of High T_c superconductors in the far-infrared region. Physica C: Superconductivity and Its Applications, 1994, 235-240, 1989-1990.	0.6	1
179	Crystal growth of $\text{La}_{2-x}\text{Sr}_x\text{CuO}_{4-y}$ by the travelling-solvent floating-zone method. Journal of Crystal Growth, 1994, 137, 479-486.	0.7	26
180	Pressure-Induced Amorphization of CuGeO_3 . Journal of the Physical Society of Japan, 1993, 62, 3801-3804.	0.7	6

#	ARTICLE	IF	CITATIONS
181	Systematic deviation from T-linear behavior in the in-plane resistivity of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$: Evidence for dominant spin scattering. <i>Physical Review Letters</i> , 1993, 70, 3995-3998.	2.9	577
182	Anisotropic optical spectrum of untwinned $\text{PrBa}_2\text{Cu}_3\text{O}_7$: Persistence of the charge-transfer insulating state of the CuO_2 plane against hole doping. <i>Physical Review B</i> , 1992, 46, 5833-5836.	1.1	146
183	Electrical conduction across CuO_2 planes in copper oxide superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1991, 185-189, 1267-1268.	0.6	23
184	Metal-insulator transition in 3d transition-metal oxides with ABO_3 and A_2BO_4 type structures. <i>Physica C: Superconductivity and Its Applications</i> , 1991, 185-189, 1295-1296.	0.6	10
185	Normal-state conductivity between CuO_2 planes in copper oxide superconductors. <i>Nature</i> , 1991, 350, 596-598.	13.7	240
186	Two-spin superexchange and four-spin cyclic exchange interactions in high T_c superconducting cuprates and isostructural La_2NiO_4 . <i>Journal of Magnetism and Magnetic Materials</i> , 1990, 90-91, 631-632.	1.0	1
187	Spins and carriers in oxide superconductors studied by raman scattering. <i>Physica B: Condensed Matter</i> , 1990, 165-166, 1263-1264.	1.3	5
188	Resonant-photoemission study of $\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_4$. <i>Physical Review B</i> , 1990, 41, 7205-7208.	1.1	79
189	High-energy spin excitations in the insulating phases of high- T_c superconducting cuprates and La_2NiO_4 . <i>Physical Review B</i> , 1990, 42, 1045-1047.	1.1	119
190	Electron-Doped Superconductivity in CuO_2 Layered Compounds with Nd_2CuO_4 structure. <i>Materials Research Society Symposia Proceedings</i> , 1989, 156, 389.	0.1	1
191	Nanoscale Erp Islands On Inp [001] Substrate Grown By Organometallic Vapor Phase Epitaxy. , 0, , .		0