Yoshiyuki Yoshida

List of Publications by Year
in descending order

204	5,401	101543	98798
papers	citations	36 h-index	67 g-index

206	206	206	4198
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Low Resistance Soldered Joint of REBCO Coated Conductors With Novel Ag-Dispersed Structure. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-4.	1.7	3
2	Evidence for Dirac nodal-line fermions in a phosphorous square-net superconductor. Physical Review B, 2022, 105, .	3.2	2
3	Direct observation of the electronic structure of the layered phosphide superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>ZrP</mml:mi><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review B, 2022, 105, .	3.2	0
4	Electric-field-driven octahedral rotation in perovskite. Npj Quantum Materials, 2021, 6, .	5.2	7
5	Intrinsic defect structures of polycrystalline CaKFe₄As₄ superconductors. Physical Chemistry Chemical Physics, 2021, 23, 19827-19833.	2.8	7
6	Calcium-free double-layered cuprate superconductors with critical temperature above 100â€‰K. Communications Materials, 2021, 2, .	6.9	5
7	Spin-orbit coupling driven orbital-selective doping effect in Sr2Ru1â^'xIrxO4. Physical Review B, 2021, 103, .	3.2	2
8	Ubiquitous suppression of the nodal coherent spectral weight in Bi-based cuprates. Physical Review B, 2021, 103, .	3.2	3
9	Bipolar Semiconducting Properties in Î±-SnWO₄ Based on the Characteristic Defect Structure. Inorganic Chemistry, 2021, 60, 8035-8041.	4.0	11
10	Development of Superconducting Coils using (Ba, Na)Fe2As2 Round Wires with Large Critical Current. Journal of Physics: Conference Series, 2021, 1975, 012020.	0.4	0
11	Fabrication of small superconducting coils using (Ba,A)Fe₂As₂ (A: Na, K) round wires with large critical current densities. Superconductor Science and Technology, 2021, 34, 105008.	3.5	21
12	Superconducting Fluctuations in Overdoped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Bi</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review X, 2021, 11, .	8.9	20
13	Superconductivity of centrosymmetric and non-centrosymmetric phases in antiperovskite (Ca,Sr)Pd3P. Journal of Alloys and Compounds, 2021, 882, 160733.	5.5	6
14	Nematicity in a cuprate superconductor revealed by angle-resolved photoemission spectroscopy under uniaxial strain. Npj Quantum Materials, 2021, 6, .	5.2	10
15	Antiperovskite Superconductor LaPd₃P with Noncentrosymmetric Cubic Structure. Inorganic Chemistry, 2021, 60, 18017-18023.	4.0	7
16	Posttreatment Effects on the Crystal Structure and Superconductivity of Ca-Free Double-Layered Cuprate Sr₂SrCu₂O_{4+y}F_{2â€“y}. Chemistry of Materials, 2021, 33, 9690-9697.	6.7	1
17	Tailoring the Hole Mobility in SnO Films by Modulating the Growth Thermodynamics and Kinetics. Journal of Physical Chemistry C, 2020, 124, 1755-1760.	3.1	18
18	Experimental and Computational Determination of Optimal Boron Content in Layered Superconductor Sc₂₀C_{8â€“x}B_xC₂₀. Inorganic Chemistry, 2020, 59, 14290-14295.	4.0	1

#	Article	IF	Citations
19	Structural Phase Transitions and Superconductivity Induced in Antiperovskite Phosphide CaPd3P. Inorganic Chemistry, 2020, 59, 12397-12403.	4.0	10
20	Horizontal Line Nodes in Sr₂RuO₄ Proved by Spin Resonance. Journal of the Physical Society of Japan, 2020, 89, 053702.	1.6	17
21	Effect of non-magnetic rare earth substitution for A site in mixed anion APX superconductors. Journal of Physics: Conference Series, 2020, 1590, 012007.	0.4	1
22	Fabrication of (Ba,Na)Fe2As2 round wires and tapes using HIP process. Journal of Physics: Conference Series, 2020, 1590, 012027.	0.4	1
23	Synthesis of CaKFe₄As₄ bulk samples with high critical current density using a spark plasma sintering technique. Superconductor Science and Technology, 2020, 33, 094005.	3.5	12
24	Coupling Time Constant Measurements of Spirally-Twisted Striated Coated Conductors With Finite Transverse Conductance Between Filaments. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.7	9
25	High-critical-current-ratio superconducting joint between Ba_{0.6}K_{0.4}Fe₂As₂ tapes fabricated by angle-polishing method. Superconductor Science and Technology, 2020, 33, 084011.	3.5	6
26	Enhancement of critical current density in (Ba,Na)Fe₂As₂ round wires using high-pressure sintering. Superconductor Science and Technology, 2020, 33, 065001.	3.5	20
27	Developments of (Ba,Na)Fe₂As₂ and CaKFe₄As₄ HIP round wires. Superconductor Science and Technology, 2020, 33, 104001.	3.5	14
28	Preparation of Epitaxial NbTi Thin Films at Room Temperature and Elemental Technologies for Superconducting Joint. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2020, 55, 280-286.	0.1	0
29	Coexisting spin resonance and long-range magnetic order of Eu in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>EuRbFe</mml:mi><mml:mn>4</mml:mn> Physical Review B, 2019, 100, .	3.2	34
30	Effect of non-magnetic rare earth substitution for Zr on mixed anion Zr(P, Se)2 superconductors II. Journal of Physics: Conference Series, 2019, 1293, 012003.	0.4	1
31	Superconductivity in a Scandium Borocarbide with a Layered Crystal Structure. Inorganic Chemistry, 2019, 58, 15629-15636.	4.0	4
32	Lifshitz-Transition-Driven Metal-Insulator Transition in Moderately Spin-Orbit-Coupled Sr2â^'xLaxRhO4. Physical Review Letters, 2019, 123, 106401.	7.8	11
33	Highly c-axis orientated superconducting core and large critical current density in Ba0.6Na0.4Fe2As2 powder-in-tube tape. Scientific Reports, 2019, 9, 13064.	3.3	11
34	Improvement of the hole mobility of SnO epitaxial films grown by pulsed laser deposition. Journal of Materials Chemistry C, 2019, 7, 6332-6336.	5.5	26
35	Optical perturbation of the hole pockets in the underdoped high- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub> superconducting cuprates. Physical Review B, 2019, 99, .	3.2	10
36	Resonant Cavity Modes in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Sr</mml:mi> mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>8</mml:mn><mml:mo>+</mml:mo><mml:mi>x</mml:mi></mml:mrow> Intrinsic Josephson Junction Sta. Physical Review Applied, 2019, 11, .	3.8	16

#	Article	IF	Citations
37	Superconductivity in Uncollapsed Tetragonal LaFe₂As₂. Journal of Physical Chemistry Letters, 2019, 10, 1018-1023.	4.6	17
38	Unconventional Multi-gap Superconductivity and Antiferromagnetic Spin Fluctuations in New Iron-arsenide LaFe2As2 in Heavily Electron-doped Regime. Journal of the Physical Society of Japan, 2019, 88, 113702.	1.6	5
39	Superconductivity induced by Mg deficiency in noncentrosymmetric phosphide <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Mg</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Rh</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi mathvariant="normal">P</mml:mi></mml:mrow></mml:math>. Physical Review Materials, 2019, 3, .	2.4	11
40	Preparation of YBa2Cu3O7-Î´ and La1.85Sr0.15 CuO4 Bilayer Structure for Superconducting Connection. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4.	1.7	2
41	Room-temperature growth of thin films of niobium on strontium titanate (0â€²0â€²1) single-crystal substrates for superconducting joints. Applied Surface Science, 2018, 444, 71-74.	6.1	6
42	Superconductivity in a New 1144-Type Family of (La,Na)AFe₄As₄ (A = Rb or Cs). Journal of Physical Chemistry Letters, 2018, 9, 868-873.	4.6	19
43	Superconductivity on Hole-Doping Side of (La_{0.5â€“x}Na_{0.5+x})Fe₂As₂. Journal of the American Chemical Society, 2018, 140, 369-374.	13.7	20
44	Single Crystal growth of mixed anion Zr(P, Se)₂ superconductor and related materials. Journal of Physics: Conference Series, 2018, 1054, 012003.	0.4	5
45	Effect of non-magnetic rare earth substitution for Zr on mixed anion Zr(P, Se)₂ superconductors. Journal of Physics: Conference Series, 2018, 1054, 012002.	0.4	7
46	Electronic Structure of Novel Binary Superconductor SrGe₂: A First-Principles Study. Journal of Physics: Conference Series, 2018, 1054, 012004.	0.4	2
47	Terahertz absorption spectroscopy study of spin waves in orthoferrite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>YFeO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> in a magnetic field. Physical Review B, 2018, 98, .	3.2	14
48	Superconductivity in a 122-type Fe-based compound (La,Na,K)Fe2As2. Scientific Reports, 2018, 8, 16827.	3.3	3
49	Rapid change of superconductivity and electron-phonon coupling through critical doping in Bi-2212. Science, 2018, 362, 62-65.	12.6	98
50	Growth and superconductivity of niobium titanium alloy thin films on strontium titanate (001) single-crystal substrates for superconducting joints. Scientific Reports, 2018, 8, 15135.	3.3	10
51	Orbital-selective metal-insulator transition lifting the t2g band hybridization in the Hund metal Sr3(Ru1â^'xMnx)2O7. Physical Review B, 2018, 98, .	3.2	1
52	Low-energy spin dynamics of orthoferrites AFeO₃ (Aâ€‰â€‰=â€‰â€‰Y, La, Bi). Journal of Physics Condensed Matter, 2018, 30, 235802.	1.8	18
53	Persistent low-energy phonon broadening near the charge-order <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>q</mml:mi></mml:math> vector in the bilayer cuprate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>8</mml:mn><mml:mo>+</mml:mo>	3.2	22
54	Fe-Based Superconductors of (Ln0.5â€“xNa0.5+x)Fe2As2 (Ln = Ce, Pr). Inorganic Chemistry, 2018, 57, 9223-9229.	4.0	4

#	Article	IF	Citations
55	Superconducting state in (Eu1-xCax)RbFe4As4with 1144-type Structure. Journal of Physics: Conference Series, 2018, 969, 012027.	0.4	9
56	Compact High- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:math> Superconducting Terahertz emitter operating up to 86 K. Physical Review Applied, 2018, 10, .	3.8	18
57	Dispersive charge density wave excitations in Bi2Sr2CaCu2O8+Î´. Nature Physics, 2017, 13, 952-956.	16.7	101
58	Electron Number-Based Phase Diagram of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Pr</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn><mml Physical Review Letters, 2017, 118, 137001.	7.8	46
59	Fabrication of iron-based superconducting tapes using Ba1â^'xKxFe2As2withx= 0.3 and 0.4. Superconductor Science and Technology, 2017, 30, 054001.	3.5	6
60	Synthesis and Superconductivity of a Strontium Digermanide SrGe_{2â^'Î´} with ThSi₂ Structure. Inorganic Chemistry, 2017, 56, 8590-8595.	4.0	8
61	Spin Resonance in the New-Structure-Type Iron-Based Superconductor CaKFe₄As₄. Journal of the Physical Society of Japan, 2017, 86, 093703.	1.6	25
62	Signature of multigap nodeless superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CaKFe</mml:mi><mml:mn>4</mml:mn> Physical Review B, 2017, 95, .	3.2	32
63	Spin-Orbit Coupling and Interband Transitions in the Optical Conductivity of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Sr</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn> Physical Review Letters, 2017, 119, 267402.	7.8	11
64	Development of Fe-based superconducting wires for liquid-hydrogen level sensors. Journal of Physics: Conference Series, 2017, 871, 012061.	0.4	1
65	Electrical resistivity of FeAs, FeAs₂ and Fe₂As at homogeneous high pressures. Journal of Physics: Conference Series, 2017, 950, 042024.	0.4	6
66	Raman and fluorescence characteristics of resonant inelastic X-ray scattering from doped superconducting cuprates. Scientific Reports, 2016, 6, 19657.	3.3	32
67	Energy dissipation from a correlated system driven out of equilibrium. Nature Communications, 2016, 7, 13761.	12.8	63
68	Superconductivity in Fe-Based Compound EuAFe₄As₄ (A = Rb and Cs). Journal of the Physical Society of Japan, 2016, 85, 064710.	1.6	68
69	Superconductivity in layered ZrP_{2â^'x}Se_xwith PbFCl-type structure. Superconductor Science and Technology, 2016, 29, 055004.	3.5	15
70	Spontaneous decays of magneto-elastic excitations in non-collinear antiferromagnet (Y,Lu)MnO3. Nature Communications, 2016, 7, 13146.	12.8	57
71	Stimulated emission of Cooper pairs in a high-temperature cuprate superconductor. Scientific Reports, 2016, 6, 29100.	3.3	8
72	Superconductivity in LaBi₃with AuCu₃-type structure. Superconductor Science and Technology, 2016, 29, 03LT02.	3.5	22

#	Article	IF	Citations
73	New-Structure-Type Fe-Based Superconductors: CaAFe₄As₄ (A =) Tj ETQq1 1 0.784314 rgBT /Overlock Chemical Society, 2016, 138, 3410-3415.	13.7	228
74	Magnetic excitations and phonons simultaneously studied by resonant inelastic x-ray scattering in optimally doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mrow><mml:mn>1.5</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review B, 2015, 92, .	3.2	28
75	Three-terminal stand-alone superconducting terahertz emitter. Applied Physics Letters, 2015, 107, .	3.3	21
76	Large enhancement of superconducting transition temperature of SrBi3 induced by Na substitution for Sr. Scientific Reports, 2015, 5, 10089.	3.3	20
77	Symmetry of charge order in cuprates. Nature Materials, 2015, 14, 796-800.	27.5	195
78	Synthesis, structure, and phase diagram of (Sr_{1â^'x}Na_x)Fe₂As₂superconductors. Superconductor Science and Technology, 2015, 28, 062001.	3.5	17
79	Antiperovskite Manganese Nitride Standard Resistor. IEEE Transactions on Instrumentation and Measurement, 2015, 64, 1446-1450.	4.7	3
80	Large critical current densities in a silver-sheathed (Sr,Na)Fe2As2tape. Superconductor Science and Technology, 2015, 28, 105007.	3.5	10
81	Direct spectroscopic evidence for phase competition between the pseudogap and superconductivity in Bi2Sr2CaCu2O8+Î´. Nature Materials, 2015, 14, 37-42.	27.5	92
82	Evaluation of the Magnetic Properties of Cosmetic Contact Lenses with a Superconducting Quantum Interference Device. Magnetic Resonance in Medical Sciences, 2014, 13, 207-214.	2.0	3
83	Photoinduced changes in the cuprate electronic structure revealed by femtosecond time- and angle-resolved photoemission. Physical Review B, 2014, 89, .	3.2	49
84	Superconductivity at 4.4 K in Ba₂Bi₃. Superconductor Science and Technology, 2014, 27, 072001.	3.5	8
85	Charge Order Driven by Fermi-Arc Instability in Bi ₂ Sr _{2â^' x} La _x CuO _{6+Î´}. Science, 2014, 343, 390-392.	12.6	512
86	Crystal Structure and Superconductivity of BaIr₂Ge₇ and Ba₃Ir₄Ge₁₆ with Two-Dimensional Ba-Ge Networks. Journal of the American Chemical Society, 2014, 136, 5245-5248.	13.7	14
87	Direct observation of bulk charge modulations in optimally doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Bi</mml:mi><mml:mrow><mml:mn>1.5</mml:mn></mml:mrow></mml:msub></mml:math> mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>8</mml:mn><mml:mo>+<. Physical Review B, 2014, 89, .	3.2	60
88	New Intermetallic Ternary Phosphide ChalcogenideAP_{2â^'}_xX_x(A= Zr, Hf;X= S,) Tj ETQq0 0 0 rgBT /Overlock 83, 074713.	1.6	16
89	Electronic superlattice revealed by resonant scattering from random impurities in Sr3Ru2O7. Scientific Reports, 2013, 3, 2299.	3.3	10
90	â€˜Trueâ€™ bosonic coupling strength in strongly correlated superconductors. Scientific Reports, 2013, 3, 1930.	3.3	11

#	Article	IF	Citations
91	Surface-enhanced charge-density-wave instability in underdoped Bi2Sr2-xLaxCuO6+Î´. Nature Communications, 2013, 4, 1977.	12.8	21
92	Signatures of superconductivity and pseudogap formation in nonequilibrium nodal quasiparticles revealed by ultrafast angle-resolved photoemission. Physical Review B, 2013, 88, .	3.2	32
93	Large momentum-dependence of the main dispersion â€˜kinkâ€™ in the high-T_csuperconductor Bi₂Sr₂CaCu₂O_{8+Î´}. New Journal of Physics, 2013, 15, 113004.	2.9	10
94	Prepairing and the â€œfillingâ€•gap in the cuprates from the tomographic density of states. Physical Review B, 2013, 87, .	3.2	41
95	Mott versus Slater-type metal-insulator transition in Mn-substituted Sr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>Ru<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	3.2	16
96	High-Energy Anomaly in the Band Dispersion of the Ruthenate Superconductor. Physical Review Letters, 2012, 109, 066404.	7.8	35
97	Oxygen-content-dependent electronic structures of electron-doped cuprates. Physical Review B, 2012, 86, .	3.2	19
98	Two-Dimensional Incommensurate Magnetic Fluctuations in Sr₂(Ru_{0.99}Ti_{0.01})O₄. Journal of the Physical Society of Japan, 2012, 81, 124710.	1.6	8
99	Phase competition in trisected superconducting dome. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18332-18337.	7.1	222
100	Superconductivity distorted by the coexisting pseudogap in the antinodal region of Bi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1.5</mml:mn></mml:mrow></mml:msub></mml:math>Pb<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.55</mml:mn></mml:mrow></mml:msub></mml:math>Sr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	3.2	12
101	New magnetic phase diagram of (Sr,Ca)2RuO4. Nature Materials, 2012, 11, 323-328.	27.5	58
102	The origin and non-quasiparticle nature of Fermi arcs in Bi2Sr2CaCu2O8+Î´. Nature Physics, 2012, 8, 606-610.	16.7	82
103	Momentum-Resolved Ultrafast Electron Dynamics in Superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Sr</mml:mi><mml:mn mathvariant="bold">O</mml:mi><mml:mrow><mml:mn>8</mml:mn><mml:mo>+</mml:mo><mml:mi>Î´</mml:mi></mml:mrow></	7.8	107
104	Structural Origin of Apparent Fermi Surface Pockets in Angle-Resolved Photoemission of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Sr</mml:mi><mml:mrc	7.8	40
105	Physical Review Letters, 2011, 106, 127005. Gap Using the Autocorrelation Angle-Resolved Photoemission Spectroscopy of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>d</mml:mi><mml:mrow><mml:msup><mml:mi>x</mml:mi><mml:mn>2</mml:mn></mml:msup> <mml:msub><mml:mi>Bi</mml:mi><mml:mn>1.5</mml:mn></mml:m. Physical Review Letters, 2011, 106, 167003.	7.8	16
106	From a Single-Band Metal to a High-Temperature Superconductor via Two Thermal Phase Transitions. Science, 2011, 331, 1579-1583.	12.6	292
107	Magnetic properties and magnetic structures of Sr3â^'Ca Ru2O7. Journal of Physics and Chemistry of Solids, 2011, 72, 559-561.	4.0	0
108	Self-energy analysis of multiple-bosonic mode coupling in Sr2RuO4. Journal of Physics and Chemistry of Solids, 2011, 72, 556-558.	4.0	8

#	Article	IF	Citations
109	Photoemission studies on electron doped cuprate Pr0.85LaCe0.15CuO4: Revisiting the chemical pressure effect. Journal of Physics and Chemistry of Solids, 2011, 72, 533-535.	4.0	0
110	Depth dependence of itinerant character in Mn-substituted Sr₃Ru₂O₇. New Journal of Physics, 2011, 13, 053059.	2.9	11
111	Inelastic neutron scattering study of the magnetic fluctuations in Sr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>RuO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review B, 2011, 84, .	3.2	37
112	Enhancement of Hybridization between Two- and One-Dimensional Bands due to Coulomb and Spinâ€“Orbit Interactions in Sr2RuO4. Journal of the Physical Society of Japan, 2010, 79, 123702.	1.6	6
113	Multi-Junction Switching in Bi₂Sr_{1.6}La_{0.4}CuO_{6+Î´}Intrinsic Josephson Junctions. Applied Physics Express, 2010, 3, 043101.	2.4	6
114	Inverse isotope effect in iron-based superconductor. Physica C: Superconductivity and Its Applications, 2010, 470, S291-S293.	1.2	2
115	Oxygen isotope effect in optimally doped Bi2Sr2CaCu2O8+ studied by low-energy ARPES. Physica C: Superconductivity and Its Applications, 2010, 470, S134-S136.	1.2	0
116	Iron isotope effect on T in optimally-doped (Ba,K)Fe2As2 (T= 38 K) and SmFeAsO1â^' (T= 54 K) superconductors. Physica C: Superconductivity and Its Applications, 2010, 470, 986-988.	1.2	2
117	Particleâ€“hole symmetry breaking in the pseudogap state of Bi2201. Nature Physics, 2010, 6, 414-418.	16.7	176
118	Electronic structure of the band-filling-controlled CaVO3and LaVO3compounds. Journal of Physics Condensed Matter, 2010, 22, 095601.	1.8	9
119	Interplay among Coulomb Interaction, Spin-Orbit Interaction, and Multiple Electron-Boson Interactions in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>RuO</mml:mi><mml:mn Physical Review Letters, 2010, 105, 226406.	7.8	41
120	Absence of an Appreciable Iron Isotope Effect on the Transition Temperature of the Optimally Doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>SmFeAsO</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>y</mml:mi></mml:mrow></mml:msub></mml:math> Physical Review Letters, 2010, 105, 037004.	7.8	40
121	Evolution of the optical spectrum with doping in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Ba</mml:mtext><mml:msub><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow Physical Review B, 2010, 81, .	3.2	125
122	Observation of Softened Fe Modes in K-Doped BaFe2As2 via 57Fe Nuclear Resonant Inelastic Scattering. Journal of the Physical Society of Japan, 2010, 79, 013706.	1.6	7
123	Minimal model needed for the Mott-Hubbard<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>SrVO</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2009, 79, .	3.2	13
124	Enhancement of oxygen isotope effect due to out-of-plane disorder inBi2Sr2Ln0.4CuO6+Î´superconductors. Physical Review B, 2009, 80, .	3.2	4
125	Reduction of Moisture in Semiconductor Dry Process Equipment by Generating Extremely Low Oxygen Ambience. Japanese Journal of Applied Physics, 2009, 48, 08HH01.	1.5	0
126	The synthesis under controlled oxygen partial pressure and the characterization of a layered perovskite system Sr₂V_{1â^'x}Mo_xO₄. Journal of Physics Condensed Matter, 2009, 21, 285601.	1.8	1

#	Article	IF	Citations
127	Switching dynamics and MQT in Bi2201 intrinsic Josephson junctions. Physica C: Superconductivity and Its Applications, 2009, 469, 1593-1595.	1.2	1
128	Oxygen Distribution in Titanium Single Crystal Fabricated by Optical Floating-Zone Method under Extremely Low Oxygen Partial Pressure. Materials Transactions, 2009, 50, 2709-2715.	1.2	6
129	Thermal Variations of Magnetic Excitation Spectrum in Slightly Overdoped Bi2.1Sr1.9CaCu2O8+Î´. Journal of the Physical Society of Japan, 2009, 78, 074703.	1.6	2
130	Magnetic properties of Sr_{3-x}Ca_xRu₂O₇. Journal of Physics: Conference Series, 2009, 150, 042077.	0.4	0
131	Single crystal growth of a layered perovskite V oxide Sr4V3O10with an FZ method under controlled ï(O2). Journal of Physics: Conference Series, 2009, 150, 052126.	0.4	0
132	Fabrication of intrinsic Josephson junction of bismuth-based cuprates. Physica C: Superconductivity and Its Applications, 2008, 468, 1916-1918.	1.2	3
133	Possible observation of energy level quantization in an intrinsic Josephson junction. Physica C: Superconductivity and Its Applications, 2008, 468, 1919-1921.	1.2	5
134	Transport property of Ca3Ru2O7 under hydrostatic pressures. Physica B: Condensed Matter, 2008, 403, 1213-1215.	2.7	4
135	Field-induced structural changes in Ca3Ru2O7. Physica B: Condensed Matter, 2008, 403, 1577-1578.	2.7	0
136	Magnetic and electrical properties of single crystalline. Physica B: Condensed Matter, 2008, 403, 1596-1597.	2.7	0
137	Superconducting Coherence Peak in the Electronic Excitations of a Single-LayerBi2Sr1.6La0.4CuO6+Î´Cuprate Superconductor. Physical Review Letters, 2008, 101, 097005.	7.8	45
138	Magnetic Properties of Ca3Ru2O7 under Uniaxial Pressures. Journal of the Physical Society of Japan, 2008, 77, 093702.	1.6	4
139	Magnetic structure and orbital state ofCa3Ru2O7investigated by resonant x-ray diffraction. Physical Review B, 2008, 77, .	3.2	24
140	Evolution of the spectral weight in the Mott-Hubbard series<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>SrVO</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:m Physical Review B, 2008, 78, .	3.2	42
141	Isotopic Fingerprint of Electron-Phonon Coupling in High-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:math>Cuprates. Physical Review Letters, 2008, 101, 157005.	7.8	90
142	Crystal-Field Level Inversion in Lightly Mn-Doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Sr</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi>Ru</mml:mi><mml:mn mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2008, 101, 016404.	7.8	35
143	Fabrication of Titanium Single Crystal by a Floating Zone Method under Extremely Low Oxygen Partial Pressure. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2008, 72, 928-934.	0.4	1
144	Switching Dynamics of Bi2Sr2CaCu2O8+Î´ Intrinsic Josephson Junctions: Macroscopic Quantum Tunneling and Self-Heating Effect. Journal of the Physical Society of Japan, 2008, 77, 104708.	1.6	45

#	Article	IF	Citations
145	Structural Distortion and Physical Properties in Double-Layered Ruthenate Sr3-xCaxRu2O7. Journal of the Physical Society of Japan, 2008, 77, 104716.	1.6	7
146	Experimental study of macroscopic quantum tunnelling in Bi2212 intrinsic Josephson junctions. Superconductor Science and Technology, 2007, 20, S10-S13.	3.5	15
147	Canted antiferromagnetic ground state in Sr3Ir2O7. Journal of Physics Condensed Matter, 2007, 19, 136214.	1.8	41
148	Spin-charge-lattice coupling near the metal-insulator transition inCa3Ru2O7. Physical Review B, 2007, 75, .	3.2	5
149	Pseudogap Dependence of the Optical Conductivity Spectra ofCa3Ru2O7: A Possible Contribution of the Orbital Flip Excitation. Physical Review Letters, 2007, 98, 097403.	7.8	36
150	Local Tunneling Spectroscopy across a Metamagnetic Critical Point in the Bilayer Ruthenate<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Sr</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi>Ru</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2007, 99, 057208.	7.8	34
151	Hall Effect in Ca₃Ru₂O₇. Journal of the Physical Society of Japan, 2007, 76, 085002.	1.6	6
152	Electronic structure of studied by angle-resolved photoemission spectroscopy. Journal of Magnetism and Magnetic Materials, 2007, 310, 678-680.	2.3	0
153	Thermopower of double-layered ruthenate. Journal of Magnetism and Magnetic Materials, 2007, 310, 1125-1127.	2.3	3
154	MQT observation in Bi2212 intrinsic Josephson junctions. Physica C: Superconductivity and Its Applications, 2007, 460-462, 1432-1433.	1.2	0
155	Specific Heat of Layered Ruthenates Sr2Ru1â^'xZrxO4. AIP Conference Proceedings, 2006, , .	0.4	1
156	Fermi surfaces and kink in the energy dispersion of Sr2RuO4. Physica C: Superconductivity and Its Applications, 2006, 445-448, 73-76.	1.2	5
157	Deoxidization of Cu Oxide under Extremely Low Oxygen Pressure Ambient. Japanese Journal of Applied Physics, 2006, 45, L393-L395.	1.5	10
158	Crystal growth of Germanium-based oxide spinels by the Float Zone Method. Journal of Crystal Growth, 2005, 283, 185-192.	1.5	18
159	A uniaxial pressure cell for neutron diffraction investigation and its use in studying the single-crystalline Sr3Ru2O7 compound. Journal of Physics Condensed Matter, 2005, 17, S3025-S3028.	1.8	5
160	Orbital selectivity of the kink in the dispersion ofSr2RuO4. Physical Review B, 2005, 72, .	3.2	32
161	Crystal and magnetic structure ofCa3Ru2O7. Physical Review B, 2005, 72, .	3.2	122
162	Kink in the Dispersion of Layered Strontium Ruthenates. Physical Review Letters, 2004, 93, 117005.	7.8	32

#	Article	IF	Citations
163	Colossal magnetoresistance accompanying a structural transition in a highly two-dimensional metallic state ofCa3Ru2O7. Physical Review B, 2004, 70, .	3.2	39
164	Bond-length dependence of charge-transfer excitations and stretch phonon modes in perovskite ruthenates: Evidence of strongpâ€“dhybridization effects. Physical Review B, 2004, 70, .	3.2	39
165	Quasi-two-dimensional metallic ground state ofCa3Ru2O7. Physical Review B, 2004, 69, .	3.2	66
166	Field-induced Magnetic Anisotropy of Single-Crystal GeNi2O4. Journal of the Physical Society of Japan, 2004, 73, 2959-2962.	1.6	10
167	Low-temperature properties below of single crystalline Sr3Ru2O7. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 102-103.	2.3	0
168	Altered Ru, Sr atomic environments in strontium ruthenates: XAFS evidence for valence and magnetism. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E257-E258.	2.3	1
169	Metamagnetic transitions in the bilayered ruthenates. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 976-978.	2.3	0
170	Magnetization of single crystalline strontium ruthenate under uniaxial-pressure. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E293-E294.	2.3	2
171	Measuring Sr2RuO4 down to 0.5 with a commercial SQUID magnetometer combined with refrigeration. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E149-E150.	2.3	16
172	A combined temperature-dependent electron and single-crystal X-ray diffraction study of the fresnoite compound Rb2V4+V25+O8. Journal of Solid State Chemistry, 2004, 177, 3316-3323.	2.9	12
173	Crystal structure of Sr3Ir2O7 investigated by transmission electron microscopy. Journal of Solid State Chemistry, 2004, 177, 3776-3783.	2.9	25
174	Investigation of the Structure of Single Crystal Sr3Ru2O7by Neutron and Convergent Beam Electron Diffractions. Journal of the Physical Society of Japan, 2004, 73, 639-642.	1.6	18
175	Uniaxial-Pressure Induced Ferromagnetism of Enhanced Paramagnetic Sr3Ru2O7. Journal of the Physical Society of Japan, 2004, 73, 1322-1325.	1.6	46
176	Magnetic Properties of Ca3Ru2O7 Grown by a Floating Zone Method. Journal of Low Temperature Physics, 2003, 131, 1135-1139.	1.4	2
177	Magnetic and Transport Properties of Bilayered Perovskite Sr3Ir2O7. Journal of Low Temperature Physics, 2003, 131, 665-669.	1.4	5
178	Superconductivity inSr2RuO4mediated by Coulomb scattering. Physical Review B, 2003, 67, .	3.2	31
179	Double metamagnetic transition in the bilayer ruthenateSr3Ru2O7. Physical Review B, 2003, 67, .	3.2	24
180	Angular position of nodes in the superconducting gap of 2D unconventional superconductors. Physica C: Superconductivity and Its Applications, 2002, 367, 15-19.	1.2	4

#	Article	IF	Citations
181	The Josephson effect in contacts between the spin-triplet superconductor Sr2RuO4 and conventional superconductors. Physica C: Superconductivity and Its Applications, 2002, 367, 129-132.	1.2	16
182	Ultrasonic studies of the spin-triplet order parameter and the collective mode inSr2RuO4. Physical Review B, 2001, 63, .	3.2	27
183	Superconducting Gap Structure of Spin-Triplet SuperconductorSr2RuO4Studied by Thermal Conductivity. Physical Review Letters, 2001, 86, 2653-2656.	7.8	195
184	Acoustic de Haas-van Alphen Effect and Elastic Anomaly of Transverse Mode (C11-C12)/2 in Sr2RuO4. Journal of the Physical Society of Japan, 2000, 69, 3769-3772.	1.6	8
185	Cylindrical Fermi surfaces in rare-earth and actinide compounds. Physica B: Condensed Matter, 2000, 281-282, 758-760.	2.7	1
186	Fermi surface and superconducting properties in Sr2RuO4. Physica B: Condensed Matter, 2000, 281-282, 959-960.	2.7	5
187	Metamagnetic transitions based on the quadrupole moment in RCu2 single crystals. Physica B: Condensed Matter, 1999, 259-261, 896-897.	2.7	10
188	Fermi surface of UB2 studied by the de Haasâ€“van Alphen oscillation. Physica B: Condensed Matter, 1999, 259-261, 1085-1086.	2.7	3
189	Two Dimensional Fermi Surfaces of CePtAs and CePtP Studied by the de Haas-van Alphen and Magnetoresistance Experiments. Journal of the Physical Society of Japan, 1999, 68, 3615-3622.	1.6	17
190	Fermi Surface Properties in Sr2RuO4. Journal of the Physical Society of Japan, 1999, 68, 3041-3053.	1.6	29
191	Metamagnetism based on the quadrupolar interaction in RCu2. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 361-362.	2.3	6
192	Magnetic structure of CeCu6â^' xAux. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 405-406.	2.3	17
193	Metamagnetic Transition Based on the Quadrupole Moment in DyCu2. Journal of the Physical Society of Japan, 1998, 67, 1421-1430.	1.6	12
194	Magnetic and Electrical Properties of GdCu2. Journal of the Physical Society of Japan, 1998, 67, 2510-2513.	1.6	13
195	High-Field Magnetization in TbCu2and HoCu2Single Crystals. Journal of the Physical Society of Japan, 1998, 67, 3244-3250.	1.6	5
196	Fermi Surface and Yamaji Effect in Sr2RuO4. Journal of the Physical Society of Japan, 1998, 67, 1677-1681.	1.6	42
197	Elastic Anomalies and Acoustic de Haas-van Alphen Effects in Sr 2RuO 4. Journal of the Physical Society of Japan, 1998, 67, 3687-3690.	1.6	16
198	Oscillatory Angular Dependence of the Magnetoresistance in Sr2RuO4. Journal of the Physical Society of Japan, 1998, 67, 2551-2552.	1.6	6

#	Article	IF	Citations
199	De Haas-van Alphen Effect and Energy Band Structure in UB2. Journal of the Physical Society of Japan, 1998, 67, 3171-3175.	1.6	18
200	Neutron Scattering Study of the Magnetic Structure of DyCu2. Journal of the Physical Society of Japan, 1997, 66, 4053-4054.	1.6	5
201	Metamagnetic magnetization in DyCu2. Physica B: Condensed Matter, 1997, 230-232, 748-751.	2.7	9
202	Metamagnetic transition in PrCu2 studied by the de Haasâ€"van Alphen effect. Physica B: Condensed Matter, 1996, 216, 326-328.	2.7	2
203	Fabrication of Ultrasmall High-Quality Bi₂Sr₂CaCu₂O_{8+Î´}Intrinsic Josephson Junctions. Applied Physics Express, 0, 1, 101701.	2.4	5
204	Synthesis PbFCl-Type Mixed Anion APX(A=Hf, X=S, Se) Superconductors Related with Topological Materials by High-Pressure Technique. Materials Science Forum, 0, 1016, 708-714.	0.3	0