

Yoshiyuki Yoshida

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Charge Order Driven by Fermi-Arc Instability in $\text{Bi}_2\text{Sr}_2\text{LaCuO}_{6+\delta}$. <i>Science</i> , 2014, 343, 390-392.	12.6	512
2	From a Single-Band Metal to a High-Temperature Superconductor via Two Thermal Phase Transitions. <i>Science</i> , 2011, 331, 1579-1583.	12.6	292
3	New-Structure-Type Fe-Based Superconductors: $\text{Ca}_x\text{Fe}_4\text{As}_4$ ($x = 1, 2$). <i>Journal of the Chemical Society</i> , 2016, 138, 3410-3415.	13.7	228
4	Phase competition in trisected superconducting dome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 18332-18337.	7.1	222
5	Superconducting Gap Structure of Spin-Triplet Superconductor Sr_2RuO_4 Studied by Thermal Conductivity. <i>Physical Review Letters</i> , 2001, 86, 2653-2656.	7.8	195
6	Symmetry of charge order in cuprates. <i>Nature Materials</i> , 2015, 14, 796-800.	27.5	195
7	Particle-hole symmetry breaking in the pseudogap state of Bi_2TO_1 . <i>Nature Physics</i> , 2010, 6, 414-418.	16.7	176
8	Evolution of the optical spectrum with doping in BaBiO_3 . <i>Physical Review B</i> , 2010, 81, .	3.2	125
9	Crystal and magnetic structure of $\text{Ca}_3\text{Ru}_2\text{O}_7$. <i>Physical Review B</i> , 2005, 72, .	3.2	122
10	Momentum-Resolved Ultrafast Electron Dynamics in Superconducting $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. <i>Physical Review Letters</i> , 2011, 107, 097002.	7.8	107
11	Dispersive charge density wave excitations in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. <i>Nature Physics</i> , 2017, 13, 952-956.	16.7	101
12	Rapid change of superconductivity and electron-phonon coupling through critical doping in Bi_2TO_2 . <i>Science</i> , 2018, 362, 62-65.	12.6	98
13	Direct spectroscopic evidence for phase competition between the pseudogap and superconductivity in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. <i>Nature Materials</i> , 2015, 14, 37-42.	27.5	92
14	Isotopic Fingerprint of Electron-Phonon Coupling in High- T_c Cuprates. <i>Physical Review Letters</i> , 2008, 101, 157005.	7.8	90
15	The origin and non-quasiparticle nature of Fermi arcs in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. <i>Nature Physics</i> , 2012, 8, 606-610.	16.7	82
16	Superconductivity in Fe-Based Compound $\text{EuAFe}_4\text{As}_4$ ($A = \text{Rb}$ and Cs). <i>Journal of the Physical Society of Japan</i> , 2016, 85, 064710.	1.6	68
17	Quasi-two-dimensional metallic ground state of $\text{Ca}_3\text{Ru}_2\text{O}_7$. <i>Physical Review B</i> , 2004, 69, .	3.2	66
18	Energy dissipation from a correlated system driven out of equilibrium. <i>Nature Communications</i> , 2016, 7, 13761.	12.8	63

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19	Direct observation of bulk charge modulations in optimally doped $\text{Bi}_{1-x}\text{Pb}_x\text{Sr}_2\text{RuO}_6$. Physical Review B, 2014, 89, .	3.2	60
20	New magnetic phase diagram of $(\text{Sr,Ca})_2\text{RuO}_4$. Nature Materials, 2012, 11, 323-328.	27.5	58
21	Spontaneous decays of magneto-elastic excitations in non-collinear antiferromagnet $(\text{Y,Lu})\text{MnO}_3$. Nature Communications, 2016, 7, 13146.	12.8	57
22	Photoinduced changes in the cuprate electronic structure revealed by femtosecond time- and angle-resolved photoemission. Physical Review B, 2014, 89, .	3.2	49
23	Uniaxial-Pressure Induced Ferromagnetism of Enhanced Paramagnetic $\text{Sr}_3\text{Ru}_2\text{O}_7$. Journal of the Physical Society of Japan, 2004, 73, 1322-1325.	1.6	46
24	Electron Number-Based Phase Diagram of $\text{Pr}_{1-x}\text{Ce}_x\text{NiO}_3$. Physical Review Letters, 2017, 118, 137001.	7.8	46
25	Superconducting Coherence Peak in the Electronic Excitations of a Single-Layer $\text{Bi}_2\text{Sr}_{1.6}\text{La}_{0.4}\text{CuO}_6+\hat{\Gamma}$ Cuprate Superconductor. Physical Review Letters, 2008, 101, 097005.	7.8	45
26	Switching Dynamics of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8+\hat{\Gamma}$ Intrinsic Josephson Junctions: Macroscopic Quantum Tunneling and Self-Heating Effect. Journal of the Physical Society of Japan, 2008, 77, 104708.	1.6	45
27	Fermi Surface and Yamaji Effect in Sr_2RuO_4 . Journal of the Physical Society of Japan, 1998, 67, 1677-1681.	1.6	42
28	Evolution of the spectral weight in the Mott-Hubbard series SrVO_3 . Physical Review B, 2008, 78, .	3.2	42
29	Canted antiferromagnetic ground state in $\text{Sr}_3\text{Ir}_2\text{O}_7$. Journal of Physics Condensed Matter, 2007, 19, 136214.	1.8	41
30	Interplay among Coulomb Interaction, Spin-Orbit Interaction, and Multiple Electron-Boson Interactions in Sr_2RuO_4 . Physical Review Letters, 2010, 105, 226406.	7.8	41
31	Preparing and the $\hat{\Gamma}$ -gap in the cuprates from the tomographic density of states. Physical Review B, 2013, 87, .	3.2	41
32	Absence of an Appreciable Iron Isotope Effect on the Transition Temperature of the Optimally Doped SmFeAsO_{1-x} . Physical Review Letters, 2010, 105, 037004.	7.8	40
33	Structural Origin of Apparent Fermi Surface Pockets in Angle-Resolved Photoemission of $\text{Bi}_2\text{Sr}_2\text{CuO}_8$. Physical Review Letters, 2011, 106, 127005.	7.8	40
34	Colossal magnetoresistance accompanying a structural transition in a highly two-dimensional metallic state of $\text{Ca}_3\text{Ru}_2\text{O}_7$. Physical Review B, 2004, 70, .	3.2	39
35	Bond-length dependence of charge-transfer excitations and stretch phonon modes in perovskite ruthenates: Evidence of strong \hat{p} -d hybridization effects. Physical Review B, 2004, 70, .	3.2	39
36	Inelastic neutron scattering study of the magnetic fluctuations in Sr_2RuO_4 . Physical Review B, 2011, 84, .	3.2	37

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37	Pseudogap Dependence of the Optical Conductivity Spectra of Ca ₃ Ru ₂ O ₇ : A Possible Contribution of the Orbital Flip Excitation. Physical Review Letters, 2007, 98, 097403.	7.8	36
38	Crystal-Field Level Inversion in Lightly Mn-Doped Sr ₃ Ru ₂ O ₇ . Physical Review Letters, 2008, 101, 016404.	7.8	35
39	High-Energy Anomaly in the Band Dispersion of the Ruthenate Superconductor. Physical Review Letters, 2012, 109, 066404.	7.8	35
40	Local Tunneling Spectroscopy across a Metamagnetic Critical Point in the Bilayer Ruthenate Sr ₃ Ru ₂ O ₇ . Physical Review Letters, 2007, 99, 057208.	7.8	34
41	Coexisting spin resonance and long-range magnetic order of Eu in EuRbFe ₄ . Physical Review B, 2019, 100, .	3.2	28
42	Kink in the Dispersion of Layered Strontium Ruthenates. Physical Review Letters, 2004, 93, 117005.	7.8	32
43	Orbital selectivity of the kink in the dispersion of Sr ₂ RuO ₄ . Physical Review B, 2005, 72, .	3.2	32
44	Signatures of superconductivity and pseudogap formation in nonequilibrium nodal quasiparticles revealed by ultrafast angle-resolved photoemission. Physical Review B, 2013, 88, .	3.2	32
45	Raman and fluorescence characteristics of resonant inelastic X-ray scattering from doped superconducting cuprates. Scientific Reports, 2016, 6, 19657.	3.3	32
46	Signature of multigap nodeless superconductivity in CaFe ₄ . Physical Review B, 2017, 95, .	3.2	28
47	Superconductivity in Sr ₂ RuO ₄ mediated by Coulomb scattering. Physical Review B, 2003, 67, .	3.2	31
48	Fermi Surface Properties in Sr ₂ RuO ₄ . Journal of the Physical Society of Japan, 1999, 68, 3041-3053.	1.6	29
49	Magnetic excitations and phonons simultaneously studied by resonant inelastic x-ray scattering in optimally doped Bi ₂ Sr ₂ CaCu ₂ O ₈ . Physical Review B, 2015, 92, .	3.2	28
50	Ultrasonic studies of the spin-triplet order parameter and the collective mode in Sr ₂ RuO ₄ . Physical Review B, 2001, 63, .	3.2	27
51	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
52	Crystal structure of Sr ₃ Ir ₂ O ₇ investigated by transmission electron microscopy. Journal of Solid State Chemistry, 2004, 177, 3776-3783.	2.9	25
53	Spin Resonance in the New-Structure-Type Iron-Based Superconductor CaKFe ₄ As ₄ . Journal of the Physical Society of Japan, 2017, 86, 093703.	1.6	25
54	Double metamagnetic transition in the bilayer ruthenate Sr ₃ Ru ₂ O ₇ . Physical Review B, 2003, 67, .	3.2	24

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55	Magnetic structure and orbital state of Ca ₃ Ru ₂ O ₇ investigated by resonant x-ray diffraction. Physical Review B, 2008, 77, .	3.2	24
56	Superconductivity in LaBi ₃ with AuCu ₃ -type structure. Superconductor Science and Technology, 2016, 29, 03LT02. Persistent low-energy phonon broadening near the charge order	3.5	22
57	q vector in the bilayer cuprate O_{8-x} . Physical Review B, 2018, 98, .	3.2	22
58	Surface-enhanced charge-density-wave instability in underdoped Bi ₂ Sr _{2-x} La _x CuO _{6+δ} . Nature Communications, 2013, 4, 1977.	12.8	21
59	Three-terminal stand-alone superconducting terahertz emitter. Applied Physics Letters, 2015, 107, .	3.3	21
60	Fabrication of small superconducting coils using (Ba,A)Fe ₂ As ₂ (A: Na, K) round wires with large critical current densities. Superconductor Science and Technology, 2021, 34, 105008.	3.5	21
61	Large enhancement of superconducting transition temperature of SrBi ₃ induced by Na substitution for Sr. Scientific Reports, 2015, 5, 10089.	3.3	20
62	Superconductivity on Hole-Doping Side of (La _{0.5δ} Na _{0.5+x})Fe ₂ As ₂ . Journal of the American Chemical Society, 2018, 140, 369-374.	13.7	20
63	Enhancement of critical current density in (Ba,Na)Fe ₂ As ₂ round wires using high-pressure sintering. Superconductor Science and Technology, 2020, 33, 065001.	3.5	20
64	Superconducting Fluctuations in Overdoped Bi ₂ . Physical Review X, 2021, 11, .	8.9	20
65	Oxygen-content-dependent electronic structures of electron-doped cuprates. Physical Review B, 2012, 86, .	3.2	19
66	Superconductivity in a New 1144-Type Family of (La,Na)AFe ₄ As ₄ (A = Rb or Cs). Journal of Physical Chemistry Letters, 2018, 9, 868-873.	4.6	19
67	De Haas-van Alphen Effect and Energy Band Structure in UB ₂ . Journal of the Physical Society of Japan, 1998, 67, 3171-3175.	1.6	18
68	Investigation of the Structure of Single Crystal Sr ₃ Ru ₂ O ₇ by Neutron and Convergent Beam Electron Diffractions. Journal of the Physical Society of Japan, 2004, 73, 639-642.	1.6	18
69	Crystal growth of Germanium-based oxide spinels by the Float Zone Method. Journal of Crystal Growth, 2005, 283, 185-192.	1.5	18
70	Low-energy spin dynamics of orthoferrites AFeO ₃ (A = Y, La, Bi). Journal of Physics Condensed Matter, 2018, 30, 235802.	1.8	18
71	Compact High-T _c Superconducting Terahertz emitter operating up to 86 K. Physical Review Applied, 2018, 10, .	3.8	18
72	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

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73	Magnetic structure of CeCu6 ^x Aux. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 405-406.	2.3	17
74	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
75	Synthesis, structure, and phase diagram of (Sr _{1-x} Na _x)Fe ₂ As ₂ superconductors. Superconductor Science and Technology, 2015, 28, 062001.	3.5	17
76	Superconductivity in Uncollapsed Tetragonal LaFe ₂ As ₂ . Journal of Physical Chemistry Letters, 2019, 10, 1018-1023.	4.6	17
77	Horizontal Line Nodes in Sr ₂ RuO ₄ Proved by Spin Resonance. Journal of the Physical Society of Japan, 2020, 89, 053702.	1.6	17
78	Elastic Anomalies and Acoustic de Haas-van Alphen Effects in Sr ₂ RuO ₄ . Journal of the Physical Society of Japan, 1998, 67, 3687-3690.	1.6	16
79	The Josephson effect in contacts between the spin-triplet superconductor Sr ₂ RuO ₄ and conventional superconductors. Physica C: Superconductivity and Its Applications, 2002, 367, 129-132.	1.2	16
80	Measuring Sr ₂ RuO ₄ 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
81	Gap Using the Autocorrelation Angle-Resolved Photoemission Spectroscopy of $\text{Bi}_{1-x}\text{Sb}_x$ Mott versus Slater-type metal-insulator transition in Mn-substituted Sr ₂ RuO ₄ . Physical Review	7.8	16
82	Ru ₂ O ₃ New Intermetallic Ternary Phosphide Chalcogenide $\text{A}_{1-x}\text{P}_{2x}\text{X}_2$ ($\text{A} = \text{Zr, Hf}$; $\text{X} = \text{S, Te}$) $T_{\text{c}} = 1.1 - 0.784314 \text{ K}$	3.2	16
83	Resonant Cavity Modes in $\text{Bi}_{2-x}\text{Sb}_x$	1.6	16
84	overflow="scroll"> $\text{Bi}_{2-x}\text{Sb}_x$ Intrinsic Josephson Junction Sta. Physical Review Applied, 2019, 11, .	3.8	16
85	Experimental study of macroscopic quantum tunnelling in Bi ₂₂₁₂ intrinsic Josephson junctions. Superconductor Science and Technology, 2007, 20, S10-S13.	3.5	15
86	Superconductivity in layered ZrP ₂ Se with PbFCl-type structure. Superconductor Science and Technology, 2016, 29, 055004.	3.5	15
87	Crystal Structure and Superconductivity of Ba ₂ Ge ₇ and Ba ₃ Ir ₄ Ge ₁₆ with Two-Dimensional Ba-Ge Networks. Journal of the American Chemical Society, 2014, 136, 5245-5248.	13.7	14
88	Terahertz absorption spectroscopy study of spin waves in orthoferrite YFeO_3 in a magnetic field. Physical Review B, 2018, 98, .	3.2	14
89	Developments of (Ba,Na)Fe ₂ As ₂ and CaKFe ₄ As ₄ HIP round wires. Superconductor Science and Technology, 2020, 33, 104001.	3.5	14
90	Magnetic and Electrical Properties of GdCu ₂ . Journal of the Physical Society of Japan, 1998, 67, 2510-2513.	1.6	13

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91	Minimal model needed for the Mott-Hubbard SrVO_3 . Physical Review B, 2009, 79, .	3.2	13
92	Metamagnetic Transition Based on the Quadrupole Moment in DyCu ₂ . Journal of the Physical Society of Japan, 1998, 67, 1421-1430.	1.6	12
93	A combined temperature-dependent electron and single-crystal X-ray diffraction study of the fersnoite compound $\text{Pb}_{2}\text{V}_4\text{V}_2\text{O}_8$. Journal of Solid State Chemistry, 2004, 177, 3316-3323.	2.9	12
94	Superconductivity distorted by the coexisting pseudogap in the antinodal region of $\text{Bi}_{1.5}\text{Pb}_{0.5}\text{Sr}_2\text{O}_7$. Physical Review Letters, 2017, 119, 267402.	3.2	12
95	Synthesis of CaKFeAs_4 bulk samples with high critical current density using a spark plasma sintering technique. Superconductor Science and Technology, 2020, 33, 094005.	3.5	12
96	Depth dependence of itinerant character in Mn-substituted $\text{Sr}_3\text{Ru}_2\text{O}_7$. New Journal of Physics, 2011, 13, 053059.	2.9	11
97	\tilde{t} bosonic coupling strength in strongly correlated superconductors. Scientific Reports, 2013, 3, 1930.	3.3	11
98	Spin-Orbit Coupling and Interband Transitions in the Optical Conductivity of Sr_2RuO_7 . Physical Review Letters, 2017, 119, 267402.	7.8	11
99	Lifshitz-Transition-Driven Metal-Insulator Transition in Moderately Spin-Orbit-Coupled $\text{Sr}_2\text{La}_x\text{RhO}_4$. Physical Review Letters, 2019, 123, 106401.	7.8	11
100	Highly c-axis orientated superconducting core and large critical current density in $\text{Ba}_{0.6}\text{Na}_{0.4}\text{Fe}_2\text{As}_2$ powder-in-tube tape. Scientific Reports, 2019, 9, 13064.	3.3	11
101	Bipolar Semiconducting Properties in $\hat{\Gamma}_\pm\text{-SnWO}_4$ Based on the Characteristic Defect Structure. Inorganic Chemistry, 2021, 60, 8035-8041.	4.0	11
102	Superconductivity induced by Mg deficiency in noncentrosymmetric phosphide $\text{Mg}_2\text{Rh}_3\text{P}$. Physical Review Materials, 2019, 3, .	2.4	11
103	Metamagnetic transitions based on the quadrupole moment in RCu_2 single crystals. Physica B: Condensed Matter, 1999, 259-261, 896-897.	2.7	10
104	Field-induced Magnetic Anisotropy of Single-Crystal GeNi_2O_4 . Journal of the Physical Society of Japan, 2004, 73, 2959-2962.	1.6	10
105	Deoxidization of Cu Oxide under Extremely Low Oxygen Pressure Ambient. Japanese Journal of Applied Physics, 2006, 45, L393-L395.	1.5	10
106	Electronic superlattice revealed by resonant scattering from random impurities in $\text{Sr}_3\text{Ru}_2\text{O}_7$. Scientific Reports, 2013, 3, 2299.	3.3	10
107	Large momentum-dependence of the main dispersion \tilde{t} kink in the high- T_c superconductor $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$. New Journal of Physics, 2013, 15, 113004.	2.9	10
108	Large critical current densities in a silver-sheathed $(\text{Sr},\text{Na})\text{Fe}_2\text{As}_2$ tape. Superconductor Science and Technology, 2015, 28, 105007.	3.5	10

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109	Growth and superconductivity of niobium titanium alloy thin films on strontium titanate (001) single-crystal substrates for superconducting joints. <i>Scientific Reports</i> , 2018, 8, 15135.	3.3	10
110	Optical perturbation of the hole pockets in the underdoped high- T_c superconducting cuprates. <i>Physical Review B</i> , 2019, 99, .	3.2	10
111	Structural Phase Transitions and Superconductivity Induced in Antiperovskite Phosphide CaPd ₃ P. <i>Inorganic Chemistry</i> , 2020, 59, 12397-12403.	4.0	10
112	Nematicity in a cuprate superconductor revealed by angle-resolved photoemission spectroscopy under uniaxial strain. <i>Npj Quantum Materials</i> , 2021, 6, .	5.2	10
113	Metamagnetic magnetization in DyCu ₂ . <i>Physica B: Condensed Matter</i> , 1997, 230-232, 748-751.	2.7	9
114	Electronic structure of the band-filling-controlled CaVO ₃ and LaVO ₃ compounds. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 095601.	1.8	9
115	Superconducting state in (Eu _{1-x} Ca _x)RbFe ₄ As ₄ with 1144-type Structure. <i>Journal of Physics: Conference Series</i> , 2018, 969, 012027.	0.4	9
116	Coupling Time Constant Measurements of Spirally-Twisted Striated Coated Conductors With Finite Transverse Conductance Between Filaments. <i>IEEE Transactions on Applied Superconductivity</i> , 2020, 30, 1-5.	1.7	9
117	Acoustic de Haas-van Alphen Effect and Elastic Anomaly of Transverse Mode (C ₁₁ -C ₁₂)/2 in Sr ₂ RuO ₄ . <i>Journal of the Physical Society of Japan</i> , 2000, 69, 3769-3772.	1.6	8
118	Self-energy analysis of multiple-bosonic mode coupling in Sr ₂ RuO ₄ . <i>Journal of Physics and Chemistry of Solids</i> , 2011, 72, 556-558.	4.0	8
119	Two-Dimensional Incommensurate Magnetic Fluctuations in Sr ₂ (Ru _{0.99} Ti _{0.01})O ₄ . <i>Journal of the Physical Society of Japan</i> , 2012, 81, 124710.	1.6	8
120	Superconductivity at 4.4 K in Ba ₂ Bi ₃ . <i>Superconductor Science and Technology</i> , 2014, 27, 072001.	3.5	8
121	Stimulated emission of Cooper pairs in a high-temperature cuprate superconductor. <i>Scientific Reports</i> , 2016, 6, 29100.	3.3	8
122	Synthesis and Superconductivity of a Strontium Digermanide SrGe ₂ with ThSi ₂ Structure. <i>Inorganic Chemistry</i> , 2017, 56, 8590-8595.	4.0	8
123	Structural Distortion and Physical Properties in Double-Layered Ruthenate Sr _{3-x} Ca _x Ru ₂ O ₇ . <i>Journal of the Physical Society of Japan</i> , 2008, 77, 104716.	1.6	7
124	Observation of Softened Fe Modes in K-Doped BaFe ₂ As ₂ via ⁵⁷ Fe Nuclear Resonant Inelastic Scattering. <i>Journal of the Physical Society of Japan</i> , 2010, 79, 013706.	1.6	7
125	Effect of non-magnetic rare earth substitution for Zr on mixed anion Zr(P, Se) ₂ superconductors. <i>Journal of Physics: Conference Series</i> , 2018, 1054, 012002.	0.4	7
126	Electric-field-driven octahedral rotation in perovskite. <i>Npj Quantum Materials</i> , 2021, 6, .	5.2	7

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127	Intrinsic defect structures of polycrystalline $\text{CaKFe}_4\text{As}_4$ superconductors. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 19827-19833.	2.8	7
128	Antiperovskite Superconductor LaPd_3P with Noncentrosymmetric Cubic Structure. <i>Inorganic Chemistry</i> , 2021, 60, 18017-18023.	4.0	7
129	Metamagnetism based on the quadrupolar interaction in RCu_2 . <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 177-181, 361-362.	2.3	6
130	Oscillatory Angular Dependence of the Magnetoresistance in Sr_2RuO_4 . <i>Journal of the Physical Society of Japan</i> , 1998, 67, 2551-2552.	1.6	6
131	Hall Effect in $\text{Ca}_3\text{Ru}_2\text{O}_7$. <i>Journal of the Physical Society of Japan</i> , 2007, 76, 085002.	1.6	6
132	Oxygen Distribution in Titanium Single Crystal Fabricated by Optical Floating-Zone Method under Extremely Low Oxygen Partial Pressure. <i>Materials Transactions</i> , 2009, 50, 2709-2715.	1.2	6
133	Enhancement of Hybridization between Two- and One-Dimensional Bands due to Coulomb and Spin-Orbit Interactions in Sr_2RuO_4 . <i>Journal of the Physical Society of Japan</i> , 2010, 79, 123702.	1.6	6
134	Multi-Junction Switching in $\text{Bi}_2\text{Sr}_{1.6}\text{La}_{0.4}\text{CuO}_{6+\delta}$ Intrinsic Josephson Junctions. <i>Applied Physics Express</i> , 2010, 3, 043101.	2.4	6
135	Fabrication of iron-based superconducting tapes using $\text{Ba}_{1-x}\text{KxFe}_2\text{As}_2$ with $x = 0.3$ and 0.4 . <i>Superconductor Science and Technology</i> , 2017, 30, 054001.	3.5	6
136	Electrical resistivity of FeAs , FeAs_2 and Fe_2As at homogeneous high pressures. <i>Journal of Physics: Conference Series</i> , 2017, 950, 042024.	0.4	6
137	Room-temperature growth of thin films of niobium on strontium titanate ($\epsilon = 1$) single-crystal substrates for superconducting joints. <i>Applied Surface Science</i> , 2018, 444, 71-74.	6.1	6
138	High-critical-current-ratio superconducting joint between $\text{Ba}_{0.6}\text{K}_{0.4}\text{Fe}_2\text{As}_2$ tapes fabricated by angle-polishing method. <i>Superconductor Science and Technology</i> , 2020, 33, 084011.	3.5	6
139	Superconductivity of centrosymmetric and non-centrosymmetric phases in antiperovskite $(\text{Ca,Sr})\text{Pd}_3\text{P}$. <i>Journal of Alloys and Compounds</i> , 2021, 882, 160733.	5.5	6
140	Neutron Scattering Study of the Magnetic Structure of DyCu_2 . <i>Journal of the Physical Society of Japan</i> , 1997, 66, 4053-4054.	1.6	5
141	High-Field Magnetization in TbCu_2 and HoCu_2 Single Crystals. <i>Journal of the Physical Society of Japan</i> , 1998, 67, 3244-3250.	1.6	5
142	Fermi surface and superconducting properties in Sr_2RuO_4 . <i>Physica B: Condensed Matter</i> , 2000, 281-282, 959-960.	2.7	5
143	Magnetic and Transport Properties of Bilayered Perovskite $\text{Sr}_3\text{Ir}_2\text{O}_7$. <i>Journal of Low Temperature Physics</i> , 2003, 131, 665-669.	1.4	5
144	A uniaxial pressure cell for neutron diffraction investigation and its use in studying the single-crystalline $\text{Sr}_3\text{Ru}_2\text{O}_7$ compound. <i>Journal of Physics Condensed Matter</i> , 2005, 17, S3025-S3028.	1.8	5

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145	Fermi surfaces and kink in the energy dispersion of Sr ₂ RuO ₄ . Physica C: Superconductivity and Its Applications, 2006, 445-448, 73-76.	1.2	5
146	Spin-charge-lattice coupling near the metal-insulator transition in Ca ₃ Ru ₂ O ₇ . Physical Review B, 2007, 75, .	3.2	5
147	Possible observation of energy level quantization in an intrinsic Josephson junction. Physica C: Superconductivity and Its Applications, 2008, 468, 1919-1921.	1.2	5
148	Fabrication of Ultrasmall High-Quality Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} Intrinsic Josephson Junctions. Applied Physics Express, 0, 1, 101701.	2.4	5
149	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
150	Unconventional Multi-gap Superconductivity and Antiferromagnetic Spin Fluctuations in New Iron-arsenide LaFe ₂ As ₂ in Heavily Electron-doped Regime. Journal of the Physical Society of Japan, 2019, 88, 113702.	1.6	5
151	Calcium-free double-layered cuprate superconductors with critical temperature above 100 K. Communications Materials, 2021, 2, .	6.9	5
152	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
153	Transport property of Ca ₃ Ru ₂ O ₇ under hydrostatic pressures. Physica B: Condensed Matter, 2008, 403, 1213-1215.	2.7	4
154	Magnetic Properties of Ca ₃ Ru ₂ O ₇ under Uniaxial Pressures. Journal of the Physical Society of Japan, 2008, 77, 093702.	1.6	4
155	Enhancement of oxygen isotope effect due to out-of-plane disorder in Bi ₂ Sr ₂ Ln _{0.4} CuO _{6+δ} superconductors. Physical Review B, 2009, 80, .	3.2	4
156	Fe-Based Superconductors of (Ln _{0.5} Na _{0.5+x})Fe ₂ As ₂ (Ln = Ce, Pr). Inorganic Chemistry, 2018, 57, 9223-9229.	4.0	4
157	Superconductivity in a Scandium Borocarbide with a Layered Crystal Structure. Inorganic Chemistry, 2019, 58, 15629-15636.	4.0	4
158	Fermi surface of UB ₂ studied by the de Haas-van Alphen oscillation. Physica B: Condensed Matter, 1999, 259-261, 1085-1086.	2.7	3
159	Thermopower of double-layered ruthenate. Journal of Magnetism and Magnetic Materials, 2007, 310, 1125-1127.	2.3	3
160	Fabrication of intrinsic Josephson junction of bismuth-based cuprates. Physica C: Superconductivity and Its Applications, 2008, 468, 1916-1918.	1.2	3
161	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
162	Antiperovskite Manganese Nitride Standard Resistor. IEEE Transactions on Instrumentation and Measurement, 2015, 64, 1446-1450.	4.7	3

#	ARTICLE	IF	CITATIONS
163	Superconductivity in a 122-type Fe-based compound (La,Na,K)Fe ₂ As ₂ . Scientific Reports, 2018, 8, 16827.	3.3	3
164	Ubiquitous suppression of the nodal coherent spectral weight in Bi-based cuprates. Physical Review B, 2021, 103, .	3.2	3
165	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
166	Metamagnetic transition in PrCu ₂ studied by the de Haas-van Alphen effect. Physica B: Condensed Matter, 1996, 216, 326-328.	2.7	2
167	Magnetic Properties of Ca ₃ Ru ₂ O ₇ Grown by a Floating Zone Method. Journal of Low Temperature Physics, 2003, 131, 1135-1139.	1.4	2
168	Magnetization of single crystalline strontium ruthenate under uniaxial-pressure. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E293-E294.	2.3	2
169	Thermal Variations of Magnetic Excitation Spectrum in Slightly Overdoped Bi ₂ .1Sr _{1.9} CaCu ₂ O ₈ + δ . Journal of the Physical Society of Japan, 2009, 78, 074703.	1.6	2
170	Inverse isotope effect in iron-based superconductor. Physica C: Superconductivity and Its Applications, 2010, 470, S291-S293.	1.2	2
171	Iron isotope effect on T in optimally-doped (Ba,K)Fe ₂ As ₂ (T= 38 K) and SmFeAsO _{1-x} (T= 54 K) superconductors. Physica C: Superconductivity and Its Applications, 2010, 470, 986-988.	1.2	2
172	Preparation of YBa ₂ Cu ₃ O _{7-δ} and La _{1.85} Sr _{0.15} CuO ₄ Bilayer Structure for Superconducting Connection. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4.	1.7	2
173	Electronic Structure of Novel Binary Superconductor SrGe ₂ : A First-Principles Study. Journal of Physics: Conference Series, 2018, 1054, 012004.	0.4	2
174	Spin-orbit coupling driven orbital-selective doping effect in Sr ₂ Ru _{1-x} Ru _x O ₄ . Physical Review B, 2021, 103, .	3.2	2
175	Evidence for Dirac nodal-line fermions in a phosphorous square-net superconductor. Physical Review B, 2022, 105, .	3.2	2
176	Cylindrical Fermi surfaces in rare-earth and actinide compounds. Physica B: Condensed Matter, 2000, 281-282, 758-760.	2.7	1
177	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
178	Specific Heat of Layered Ruthenates Sr ₂ Ru _{1-x} Zr _x O ₄ . AIP Conference Proceedings, 2006, , .	0.4	1
179	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
180	The synthesis under controlled oxygen partial pressure and the characterization of a layered perovskite system Sr ₂ V _{1-x} Mo _x O ₄ . Journal of Physics Condensed Matter, 2009, 21, 285601.	1.8	1

#	ARTICLE	IF	CITATIONS
181	Switching dynamics and MQT in Bi2201 intrinsic Josephson junctions. Physica C: Superconductivity and Its Applications, 2009, 469, 1593-1595.	1.2	1
182	Development of Fe-based superconducting wires for liquid-hydrogen level sensors. Journal of Physics: Conference Series, 2017, 871, 012061.	0.4	1
183	Orbital-selective metal-insulator transition lifting the t _{2g} band hybridization in the Hund metal Sr ₃ (Ru _{1-x} Mn _x) ₂ O ₇ . Physical Review B, 2018, 98, .	3.2	1
184	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
185	Experimental and Computational Determination of Optimal Boron Content in Layered Superconductor Sc ₂₀ C ₈ B _x C ₂₀ . Inorganic Chemistry, 2020, 59, 14290-14295.	4.0	1
186	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
187	Fabrication of (Ba,Na)Fe ₂ As ₂ round wires and tapes using HIP process. Journal of Physics: Conference Series, 2020, 1590, 012027.	0.4	1
188	Posttreatment Effects on the Crystal Structure and Superconductivity of Ca-Free Double-Layered Cuprate Sr ₂ SrCu ₂ O _{4+y} F ₂ . Chemistry of Materials, 2021, 33, 9690-9697.	6.7	1
189	Low-temperature properties below of single crystalline Sr ₃ Ru ₂ O ₇ . Journal of Magnetism and Magnetic Materials, 2004, 272-276, 102-103.	2.3	0
190	Metamagnetic transitions in the bilayered ruthenates. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 976-978.	2.3	0
191	Electronic structure of studied by angle-resolved photoemission spectroscopy. Journal of Magnetism and Magnetic Materials, 2007, 310, 678-680.	2.3	0
192	MQT observation in Bi2212 intrinsic Josephson junctions. Physica C: Superconductivity and Its Applications, 2007, 460-462, 1432-1433.	1.2	0
193	Field-induced structural changes in Ca ₃ Ru ₂ O ₇ . Physica B: Condensed Matter, 2008, 403, 1577-1578.	2.7	0
194	Magnetic and electrical properties of single crystalline. Physica B: Condensed Matter, 2008, 403, 1596-1597.	2.7	0
195	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
196	Magnetic properties of Sr ₃ Ca _x Ru ₂ O ₇ . Journal of Physics: Conference Series, 2009, 150, 042077.	0.4	0
197	Single crystal growth of a layered perovskite V oxide Sr ₄ V ₃ O ₁₀ with an FZ method under controlled p(O ₂). Journal of Physics: Conference Series, 2009, 150, 052126.	0.4	0
198	Oxygen isotope effect in optimally doped Bi ₂ Sr ₂ CaCu ₂ O ₈₊ studied by low-energy ARPES. Physica C: Superconductivity and Its Applications, 2010, 470, S134-S136.	1.2	0

#	ARTICLE	IF	CITATIONS
199	Magnetic properties and magnetic structures of Sr ₃ CaRu ₂ O ₇ . Journal of Physics and Chemistry of Solids, 2011, 72, 559-561.	4.0	0
200	Photoemission studies on electron doped cuprate Pr _{0.85} LaCe _{0.15} CuO ₄ : Revisiting the chemical pressure effect. Journal of Physics and Chemistry of Solids, 2011, 72, 533-535.	4.0	0
201	Synthesis PbFCl-Type Mixed Anion PX ($A=Hf$, $X=S, Se$) Superconductors Related with Topological Materials by High-Pressure Technique. Materials Science Forum, 0, 1016, 708-714.	0.3	0
202	Development of Superconducting Coils using (Ba, Na)Fe ₂ As ₂ Round Wires with Large Critical Current. Journal of Physics: Conference Series, 2021, 1975, 012020.	0.4	0
203	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
204	Direct observation of the electronic structure of the layered phosphide superconductor $ZrP_{2-x}As_x$. Physical Review B, 2022, 105, .		