

Shingo Yonezawa

List of Publications by Year in descending order

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101
papers

3,495
citations

182225

30
h-index

162838

57
g-index

104
all docs

104
docs citations

104
times ranked

3647
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Order Harmonic Generation and Its Unconventional Scaling Law in the Mott-Insulating $\text{Ca}_{2}\text{RuO}_{4}$. Physical Review Letters, 2022, 128, 127401.	2.9	30
2	Superconducting spin smecticity evidencing the Fulde-Ferrell-Larkin-Ovchinnikov state in $\text{Sr}_{2}\text{RuO}_{4}$. Science, 2022, 376, 397-400.	6.0	20
3	Superconducting $\text{Sr}_{2}\text{RuO}_{4}$ Thin Films without Out-of-Phase Boundaries by Higher-Order Ruddlesden-Popper Intergrowth. Nano Letters, 2021, 21, 4185-4192.	4.5	13
4	<i>S</i> -Wave Superconductivity in the Dirac Line-Nodal Material CaSb_{2} . Journal of the Physical Society of Japan, 2021, 90, 073702.	0.7	9
5	Peak in the superconducting transition temperature of the nonmagnetic topological line-nodal material CaSb_{2} under pressure. Physical Review B, 2021, 104, .	1.1	7
6	Control of Nematic Superconductivity Using Piezo-Device Based Uniaxial-Strain Application Apparatus. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2021, 31, 236-244.	0.1	0
7	Uniaxial-strain control of nematic superconductivity in $\text{Sr}_{x}\text{Bi}_{2}\text{Se}_{3}$. Nature Communications, 2020, 11, 4152.	5.8	28
8	Penetration depth and gap structure in the antiperovskite oxide superconductor $\text{Sr}_{3}\text{Ru}_{4}\text{O}_{14}$ revealed by μSR . Physical Review B, 2020, 101, .	1.1	3
9	Diamagnetic-like response from localized heating of a paramagnetic material. Applied Physics Letters, 2020, 116, 172405.	1.5	5
10	Spontaneous emergence of Josephson junctions in homogeneous rings of single-crystal $\text{Sr}_{2}\text{RuO}_{4}$. Npj Quantum Materials, 2020, 5, .	1.8	13
11	Negligible Substrate-Induced Strain Effects on Magnetic Properties of SrRuO_{3} Thin Films. Physica Status Solidi (B): Basic Research, 2020, 257, 2000047.	0.7	1
12	Superconductivity in the nonsymmorphic line-nodal compound CaSb_{2} . Physical Review Materials, 2020, 4, .	0.9	14
13	Role of local temperature in the current-driven metal-insulator transition of $\text{Ca}_{2}\text{RuO}_{4}$. Physical Review Materials, 2020, 4, .	0.9	7
14	Observation of superconducting gap spectra of long-range proximity effect in $\text{Au}/\text{SrRuO}_{3}/\text{Sr}_{2}\text{RuO}_{4}$ tunnel junctions. Physical Review B, 2019, 100, .	1.1	8
15	Anomalous anisotropic behaviour of spin-triplet proximity effect in $\text{Au}/\text{SrRuO}_{3}/\text{Sr}_{2}\text{RuO}_{4}$ junctions. Scientific Reports, 2019, 9, 15827.	1.6	2
16	In Situ Control of Diamagnetism by Electric Current in $\text{Ca}_{2}\text{RuO}_{4}$.		

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37	Superconductivity in the antiperovskite Dirac-metal oxide Sr ₃ â ^x SnO. Nature Communications, 2016, 7, 13617.	5.8	107
38	Effect of disorder on the dimer transition of the honeycomb-lattice compound LiLi_2Mn_2 . Physical Review B, 2016, 93, .		
39	Direct penetration of spin-triplet superconductivity into a ferromagnet in Au/SrRuO ₃ /Sr ₂ RuO ₄ junctions. Nature Communications, 2016, 7, 13220.	5.8	46
40	Effect of delithiation on the dimer transition of the honeycomb-lattice ruthenate LiLi_2Mn_2 . Physical Review B, 2016, 94, .		
41	Novel superconducting phenomena in quasi-one-dimensional Bechgaard salts. Comptes Rendus Physique, 2016, 17, 357-375.	0.3	14
42	Quenched metastable vortex states in Sr ₂ RuO ₄ . Physical Review B, 2015, 91, .	1.1	4
43	Quantum oscillations and magnetic reconstruction in the delafossite PdCrO_2 . Physical Review B, 2015, 92, .	1.1	30
44	Compact AC susceptometer for fast sample characterization down to 0.1 K. Review of Scientific Instruments, 2015, 86, 093903.	0.6	17
45	Ferromagnetic Properties of SrRuO ₃ Thin Films Deposited on the Spin-Triplet Superconductor Sr ₂ RuO ₄ . Physics Procedia, 2015, 75, 413-418.	1.2	7
46	Publisher's Note: Ferromagnetic SrRuO ₃ thin-film deposition on a spin-triplet superconductor Sr ₂ RuO ₄ with a highly conducting interface. Applied Physics Express, 2015, 8, 019202.	1.1	7
47	Higher- <i>T_c</i> Superconducting Phase in Sr ₂ RuO ₄ Induced by In-Plane Uniaxial Pressure. Journal of the Physical Society of Japan, 2015, 84, 014707.	0.7	23
48	Superconducting properties of noncentrosymmetric superconductor CaLi_3 investigated by muon spin relaxation and rotation. Physical Review B, 2015, 91, .	1.1	12
49	Ferromagnetic SrRuO ₃ thin-film deposition on a spin-triplet superconductor Sr ₂ RuO ₄ with a highly conducting interface. Applied Physics Express, 2015, 8, 015502.	1.1	15
50	Sharp magnetization jump at the first-order superconducting transition in Sr_2RuO_4 . Physical Review B, 2014, 90, .	1.1	40
51	Strong Increase of <i>T_c</i> of Sr ₂ RuO ₄ Under Both Tensile and Compressive Strain. Science, 2014, 344, 283-285.	6.0	270
52	Magnetic structure of the conductive triangular-lattice antiferromagnet PdCrO_2 . Physical Review B, 2014, 89, .	1.1	32
53	Effective thickness of two-dimensional superconductivity in a tunable triangular quantum well of SrTiO ₃ . Physical Review B, 2014, 89, .	1.1	40
54	Specific-Heat Evidence of the First-Order Superconducting Transition in Sr ₂ RuO ₄ . Journal of the Physical Society of Japan, 2014, 83, 083706.	0.7	37

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55	Superconducting transition of Ru in SQUIDs with Nb/Ru/Sr ₂ RuO ₄ junctions. Journal of Physics: Conference Series, 2014, 568, 022031.	0.3	2
56	Broken time-reversal symmetry in a SQUID based on chiral superconducting Sr ₂ RuO ₄ . Journal of Physics: Conference Series, 2014, 568, 022020.	0.3	1
57	Extremely Large Magnetoresistance in the Nonmagnetic Metal PdCoO_2 . Physical Review Letters, 2013, 111, 056601.	2.9	89
58	First-Order Superconducting Transition of Sr_2RuO_4 . Physical Review Letters, 2013, 110, 077003.	2.8	94
59	Oxygen Hole State in A-site Ordered Perovskite $\text{ACu}_3\text{Ru}_4\text{O}_{12}$ ($A = \text{Tl, ET, Qq1}$). Journal of Physics: Conference Series, 2013, 82, 024709.	1.0784314	12
60	Transport properties of $\text{Ag}_5\text{Pb}_2\text{O}_6$: A three-dimensional electron-gas-like system with low carrier density. Physical Review B, 2013, 88, . Phonon anomaly and anisotropic superconducting gap in noncentrosymmetric Li	1.1	2
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73	Topological competition of superconductivity in $\text{Pb}/\text{Ru}/\text{Sr}$ proximity junction. <i>Physical Review B</i> , 2011, 84, .	1.1	25
74	Anisotropy in the magnetization and resistivity of the metallic triangular-lattice magnet PdCrO_2 . <i>Journal of Physics: Conference Series</i> , 2010, 200, 012198.	0.3	21
75	Superconducting properties of the Pb/Sr proximity junction. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S744-S745.	0.6	2
76	Higher- T_c superconducting phase in Sr by uniaxial pressure. <i>Physical Review B</i> , 2010, 81, .	1.1	45
77	Unconventional Anomalous Hall Effect in the Metallic Triangular-Lattice Magnet PdCrO_2 . <i>Physical Review Letters</i> , 2010, 105, 137201.	2.9	91
78	Suppression of the mass enhancement in $\text{CaCu}_3\text{Ru}_4\text{O}_{12}$. <i>Physical Review B</i> , 2009, 80, .	1.1	19
79	Critical behavior of the metallic triangular-lattice Heisenberg antiferromagnet PdCrO_2 . <i>Physical Review B</i> , 2009, 79, .	1.1	69
80	Angular dependence of the upper critical field of Sr . <i>Physical Review B</i> , 2009, 80, .	1.1	46
81	Heavy-Mass Behavior of Ordered Perovskites $\text{ACu}_3\text{Ru}_4\text{O}_{12}$ ($A = \text{Na, Ca, La}$). <i>Journal of the Physical Society of Japan</i> , 2009, 78, 024706.	0.7	43
82	Spatial Development of Superconductivity in the Sr_2RuO_4 - SrRuO_4 Eutectic System. <i>Journal of the Physical Society of Japan</i> , 2009, 78, 064703.	0.7	14
83	Field-induced dimensional crossover and anomalous superconducting states in the quasi-one-dimensional superconductor $(\text{TMTSF})_2\text{ClO}_4$. <i>Journal of Physics: Conference Series</i> , 2009, 150, 052289.	0.3	7
84	Unusual temperature dependence of the in-plane critical field in Sr_2RuO_4 . <i>Journal of Physics: Conference Series</i> , 2009, 150, 052112.	0.3	6
85	Evidence for the Sr_2RuO_4 intercalations in the $\text{Sr}_3\text{Ru}_2\text{O}_7$ - Sr_2RuO_4 eutectic system. <i>Journal of Physics: Conference Series</i> , 2009, 150, 052113.	0.3	2
86	Superconductivity and quantum criticality in the heavy-fermion system YbAlB_4 . <i>Nature Physics</i> , 2008, 4, 603-607.	6.5	307
87	Precise determination of the in-plane superconducting anisotropy of $(\text{TMTSF})_2\text{ClO}_4$. <i>Solid State Sciences</i> , 2008, 10, 1768-1772.	1.5	4
88	Multiple superconducting transitions in the $\text{Sr}_3\text{Ru}_2\text{O}_7$ of Sr . <i>Physical Review B</i> , 2008, 77, .	1.1	47
89	Superconducting State of Silver-Oxide Clathrate $\text{Ag}_6\text{O}_8\text{AgNO}_3$. <i>Journal of the Physical Society of Japan</i> , 2008, 77, 024707.	0.7	7
90	Anomalous In-Plane Anisotropy of the Onset of Superconductivity in $(\text{TMTSF})_2\text{ClO}_4$. <i>Physical Review Letters</i> , 2008, 100, 117002.	1.1	25

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91	Magnetic-Field Variations of the Pair-Breaking Effects of Superconductivity in (TMTSF) ₂ ClO ₄ . Journal of the Physical Society of Japan, 2008, 77, 054712.	0.7	42
92	Roles of High-Frequency Optical Phonons in the Physical Properties of the Conductive Delafossite PdCoO ₂ . Journal of the Physical Society of Japan, 2007, 76, 104701.	0.7	74
93	Properties of the pyrochlore oxide K ₂ O ₂ Fe ₂ As ₂ Se ₂ (K ₂ FeAs ₂ Se ₂) $K_2O_2Fe_2As_2Se_2$	1.1	135
94	Properties of the oxide type-I superconductor Ag ₅ Pb ₂ O ₆ . Physica C: Superconductivity and Its Applications, 2007, 460-462, 551-552.	0.6	1
95	Properties of the nearly free electron superconductor Ag ₅ Pb ₂ O ₆ inferred from Fermi surface measurements. Physica C: Superconductivity and Its Applications, 2007, 460-462, 538-539.	0.6	2
96	Field induced quasi-particles in the heavy-fermion superconductor. Journal of Magnetism and Magnetic Materials, 2007, 310, 587-589.	1.0	5
97	Possible Superconductivity in Ag ₅ Pb ₂ O ₆ Probed by AC Susceptibility. AIP Conference Proceedings, 2006, .	0.3	0
98	Field-induced confinement in (TMTSF) ₂ ClO ₄ under accurately aligned magnetic fields. European Physical Journal B, 2006, 52, 337-343.	0.6	12
99	Nearly Free Electrons in the Layered Oxide Superconductor Ag ₅ Pb ₂ O ₆ . Physical Review Letters, 2006, 96, 097008.	2.9	11
100	Type-I superconductivity of the layered silver oxide Ag ₅ Pb ₂ O ₆ . Physical Review B, 2005, 72, .	1.1	35
101	Nonlinear temperature dependence of resistivity in single crystal Ag ₅ Pb ₂ O ₆ . Physical Review B, 2004, 70, .	1.1	22