

# Andrew Mackenzie

## List of Publications by Year in descending order

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210  
papers

15,420  
citations

18482

62  
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17592

121  
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214  
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214  
docs citations

214  
times ranked

7475  
citing authors

#	ARTICLE	IF	CITATIONS
1	The superconductivity of Sr <sub>2</sub> RuO <sub>4</sub> and the physics of spin-triplet pairing. <i>Reviews of Modern Physics</i> , 2003, 75, 657-712.	45.6	1,742
2	Nematic Fermi Fluids in Condensed Matter Physics. <i>Annual Review of Condensed Matter Physics</i> , 2010, 1, 153-178.	14.5	561
3	Magnetic Field-Tuned Quantum Criticality in the Metallic Ruthenate Sr <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> . <i>Science</i> , 2001, 294, 329-332.	12.6	493
4	Extremely Strong Dependence of Superconductivity on Disorder in Sr <sub>2</sub> RuO <sub>4</sub> . <i>Physical Review Letters</i> , 1998, 80, 161-164.	7.8	488
5	Quantum Oscillations in the Layered Perovskite Superconductor Sr <sub>2</sub> RuO <sub>4</sub> . <i>Physical Review Letters</i> , 1996, 76, 3786-3789.	7.8	469
6	Formation of a Nematic Fluid at High Fields in Sr <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> . <i>Science</i> , 2007, 315, 214-217.	12.6	408
7	Evidence for hydrodynamic electron flow in PdCoO <sub>2</sub> . <i>Science</i> , 2016, 351, 1061-1064.	12.6	369
8	Similarity of Scattering Rates in Metals Showing $\rho \propto T$ -Linear Resistivity. <i>Science</i> , 2013, 339, 804-807.	12.6	290
9	Metamagnetism and Critical Fluctuations in High Quality Single Crystals of the Bilayer Ruthenate Sr <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> . <i>Physical Review Letters</i> , 2001, 86, 2661-2664.	7.8	272
10	Resistive upper critical field of Tl <sub>2</sub> Ba <sub>2</sub> CuO <sub>6</sub> at low temperatures and high magnetic fields. <i>Physical Review Letters</i> , 1993, 71, 1238-1241.	7.8	271
11	Strong Increase of $T_c$ of Sr <sub>2</sub> RuO <sub>4</sub> Under Both Tensile and Compressive Strain. <i>Science</i> , 2014, 344, 283-285.	12.6	270
12	A coherent three-dimensional Fermi surface in a high-transition-temperature superconductor. <i>Nature</i> , 2003, 425, 814-817.	27.8	267
13	Constraints on the superconducting order parameter in Sr <sub>2</sub> RuO <sub>4</sub> from oxygen-17 nuclear magnetic resonance. <i>Nature</i> , 2019, 574, 72-75.	27.8	264
14	Quasi-two-dimensional Fermi liquid properties of the unconventional superconductor Sr <sub>2</sub> RuO <sub>4</sub> . <i>Advances in Physics</i> , 2003, 52, 639-725.	14.4	261
15	Quantum oscillations in an overdoped high-T <sub>c</sub> superconductor. <i>Nature</i> , 2008, 455, 952-955.	27.8	240
16	Disorder-Sensitive Phase Formation Linked to Metamagnetic Quantum Criticality. <i>Science</i> , 2004, 306, 1154-1157.	12.6	231
17	Two-Dimensional Fermi Liquid Behavior of the Superconductor Sr <sub>2</sub> RuO <sub>4</sub> . <i>Journal of the Physical Society of Japan</i> , 1997, 66, 1405-1408.	1.6	223
18	Detection of a Cooper-pair density wave in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+x</sub> . <i>Nature</i> , 2016, 532, 343-347.	27.8	205

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19	Heat Transport in a Strongly Overdoped Cuprate: Fermi Liquid and a Pured-Wave BCS Superconductor. Physical Review Letters, 2002, 89, 147003.	7.8	204
20	Strong peak in $\chi_c$ of $\text{Sr}_2\text{RuO}_4$ under uniaxial pressure. Science, 2017, 355, .	12.6	200
21	Even odder after twenty-three years: the superconducting order parameter puzzle of $\text{Sr}_2\text{RuO}_4$ . Npj Quantum Materials, 2017, 2, .	5.2	191
22	Detailed Topography of the Fermi Surface of $\text{Sr}_2\text{RuO}_4$ . Physical Review Letters, 2000, 84, 2662-2665.	7.8	185
23	Temperature dependence of the Hall angle in single-crystal $\text{YBa}_2(\text{Cu}_{1-x}\text{Co}_x)\text{O}_{7-\delta}$ . Physical Review Letters, 1992, 69, 2855-2858.	7.8	183
24	Imaging Cooper pairing of heavy fermions in $\text{CeCoIn}_5$ . Nature Physics, 2013, 9, 468-473.	16.7	175
25	Observation of a square flux-line lattice in the unconventional superconductor $\text{Sr}_2\text{RuO}_4$ . Nature, 1998, 396, 242-245.	27.8	173
26	Anisotropic Energy Gaps of Iron-Based Superconductivity from Intraband Quasiparticle Interference in $\text{LiFeAs}$ . Science, 2012, 336, 563-567.	12.6	151
27	Hydrodynamic Electron Flow and Hall Viscosity. Physical Review Letters, 2017, 118, 226601.	7.8	149
28	Anisotropic scattering and anomalous normal-state transport in a high-temperature superconductor. Nature Physics, 2006, 2, 821-825.	16.7	148
29	Normal-state magnetotransport in superconducting $\text{Tl}_2\text{Ba}_2\text{CuO}_6$ to millikelvin temperatures. Physical Review B, 1996, 53, 5848-5855.	3.2	136
30	Normal-state magnetoresistance of $\text{Sr}_2\text{RuO}_4$ . Physical Review B, 1998, 57, 5505-5511.	3.2	126
31	Entropy Landscape of Phase Formation Associated with Quantum Criticality in $\text{Sr}_3\text{Ru}_2\text{O}_7$ . Science, 2009, 325, 1360-1363.	12.6	125
32	Hall effect and resistivity of oxygen-deficient $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ thin films. Physical Review B, 1993, 48, 13051-13059.	3.2	122
33	Uniaxial pressure control of competing orders in a high-temperature superconductor. Science, 2018, 362, 1040-1044.	12.6	122
34	Piezoelectric-based apparatus for strain tuning. Review of Scientific Instruments, 2014, 85, 065003.	1.3	120
35	The properties of ultrapure delafossite metals. Reports on Progress in Physics, 2017, 80, 032501.	20.1	120
36	Quantum Oscillations and High Carrier Mobility in the Delafossite $\text{PdCoO}_2$ . Physical Review Letters, 2012, 109, 116401.	7.8	110

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37	Atomic-scale electronic structure of the cuprate d-symmetry form factor density wave state. Nature Physics, 2016, 12, 150-156.	16.7	109
38	Split superconducting and time-reversal symmetry-breaking transitions in Sr <sub>2</sub> RuO <sub>4</sub> under stress. Nature Physics, 2021, 17, 748-754.	16.7	109
39	Precise measurements of oxygen content: Oxygen vacancies in transparent conducting indium oxide films. Applied Physics Letters, 1991, 58, 2506-2508.	3.3	108
40	Maximal Rashba-like spin splitting via kinetic-energy-coupled inversion-symmetry breaking. Nature, 2017, 549, 492-496.	27.8	105
41	Vortex imaging and vortex lattice transitions in superconducting Sr <sub>2</sub> RuO <sub>4</sub> single crystals. Physical Review B, 2011, 84, .	3.2	102
42	Magnetic field-induced pair density wave state in the cuprate vortex halo. Science, 2019, 364, 976-980.	12.6	101
43	Thermodynamic evidence for a two-component superconducting order parameter in Sr <sub>2</sub> RuO <sub>4</sub> . Nature Physics, 2021, 17, 199-204.	16.7	98
44	Fermi Surface and van Hove Singularities in the Itinerant Metamagnet Ru <sub>3</sub> O <sub>7</sub> . Physical Review Letters, 2008, 101, 026407.	7.8	94
45	Angular Dependence of the c-axis Normal State Magnetoresistance in Single Crystal Tl <sub>2</sub> Ba <sub>2</sub> CuO <sub>6</sub> . Physical Review Letters, 1996, 76, 122-125.	7.8	93
46	Sensitivity to Disorder of the Metallic State in the Ruthenates. Physical Review Letters, 2002, 88, 076602.	7.8	90
47	Observation of quantum oscillations in the electrical resistivity of SrRuO <sub>3</sub> . Physical Review B, 1998, 58, R13318-R13321.	3.2	89
48	Microscopic theory of the nematic phase in Sr <sub>2</sub> RuO <sub>4</sub> . Physical Review B, 2009, 79, .	3.2	82
49	Strain Control of Fermiology and Many-Body Interactions in Two-Dimensional Ruthenates. Physical Review Letters, 2016, 116, 197003.	7.8	82
50	High-temperature resistivity of Sr <sub>2</sub> RuO <sub>4</sub> : Bad metallic transport in a good metal. Physical Review B, 1998, 58, R10107-R10110.	3.2	81
51	Multiple First-Order Metamagnetic Transitions and Quantum Oscillations in Ultrapure Sr <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> . Physical Review Letters, 2004, 92, 166602.	7.8	79
52	Resistivity in the Vicinity of a van Hove Singularity: Sr <sub>2</sub> RuO <sub>4</sub> under Uniaxial Pressure. Physical Review Letters, 2018, 120, 076602.	7.8	76
53	Field-induced transition within the superconducting state of CeRh <sub>2</sub> As <sub>2</sub> . Science, 2021, 373, 1012-1016.	12.6	74
54	Evidence from tunneling spectroscopy for a quasi-one-dimensional origin of superconductivity in Sr <sub>2</sub> RuO <sub>4</sub> . Physical Review B, 2013, 88, .	3.2	72

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55	Observation of two-dimensional spin fluctuations in the bilayer ruthenate Sr <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> by inelastic neutron scattering. <i>Physical Review B</i> , 2003, 67, .	3.2	71
56	Hall effect in the two-dimensional metal Sr <sub>2</sub> RuO <sub>4</sub> . <i>Physical Review B</i> , 1996, 54, 7425-7429.	3.2	70
57	Charge density wave quantum critical point with strong enhancement of superconductivity. <i>Nature Physics</i> , 2017, 13, 967-972.	16.7	70
58	Angular dependence of the magnetic susceptibility in the itinerant metamagnet Sr <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , 2003, 67, .	3.2	69
59	The Fermi Surface Topography of Sr <sub>2</sub> RuO <sub>4</sub> . <i>Journal of the Physical Society of Japan</i> , 1998, 67, 385-388.	1.6	66
60	Nested Fermi Surface and Electronic Instability in Ca <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> . <i>Physical Review Letters</i> , 2006, 96, 107601.	7.8	66
61	Reconstruction from Small-Angle Neutron Scattering Measurements of the Real Space Magnetic Field Distribution in the Mixed State of Sr <sub>2</sub> RuO <sub>4</sub> . <i>Physical Review Letters</i> , 2000, 84, 6094-6097.	7.8	65
62	Search for spontaneous edge currents and vortex imaging in $Sr_2RuO_4$ mesostructures. <i>Physical Review B</i> , 2014, 89, .	3.2	65
63	Transport properties of zinc-doped YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> thin films. <i>Physical Review B</i> , 1995, 51, 15653-15656.	3.2	62
64	Momentum-resolved superconducting energy gaps of Sr <sub>2</sub> RuO <sub>4</sub> from quasiparticle interference imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5222-5227.	7.1	59
65	Transport spin polarization in SrRuO <sub>3</sub> measured through point-contact Andreev reflection. <i>Physical Review B</i> , 2003, 67, .	3.2	58
66	Unconventional Magnetization Processes and Thermal Runaway in Spin-Ice Dy <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> . <i>Physical Review Letters</i> , 2010, 105, 267205.	7.8	58
67	Evolution of the Fermi Surface and Quasiparticle Renormalization through a van Hove Singularity in $Sr_2RuO_4$ . <i>Physical Review Letters</i> , 2007, 99, 187001.	7.8	56
68	Nearly free electrons in a 5d delafossite oxide metal. <i>Science Advances</i> , 2015, 1, e1500692.	10.3	56
69	Specific heat of low-Tc Tl <sub>2</sub> Ba <sub>2</sub> CuO <sub>6+<math>\delta</math></sub> . <i>Physical Review B</i> , 1996, 54, R3788-R3791.	3.2	54
70	Superconducting magnetization above the irreversibility line in Tl <sub>2</sub> Ba <sub>2</sub> CuO <sub>6+<math>\delta</math></sub> . <i>Physical Review B</i> , 1998, 57, 14387-14396.	3.2	54
71	Sr <sub>2</sub> RhO <sub>4</sub> : a new, clean correlated electron metal. <i>New Journal of Physics</i> , 2006, 8, 175-175.	2.9	54
72	Direct observation of a uniaxial stress-driven Lifshitz transition in Sr <sub>2</sub> RuO <sub>4</sub> . <i>Npj Quantum Materials</i> , 2019, 4, .	5.2	54

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73	Evidence for even parity unconventional superconductivity in Sr <sub>2</sub> RuO <sub>4</sub> . Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	54
74	Fermi Surface and Quasiparticle Excitations of Sr <sub>2</sub> RhO <sub>4</sub> . Physical Review Letters, 2006, 96, 246402.	7.8	53
75	Heavy d-electron quasiparticle interference and real-space electronic structure of Sr <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> . Nature Physics, 2009, 5, 800-804.	16.7	53
76	Thermodynamics of phase formation in the quantum critical metal Sr <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> . Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16549-16553.	7.1	53
77	Resistive upper critical field of thin films of underdoped YBa <sub>2</sub> (Cu <sub>0.97</sub> Zn <sub>0.03</sub> ) <sub>3</sub> O <sub>7-<math>\delta</math></sub> . Physical Review B, 1995, 51, 9375-9378.	3.2	52
78	Evidence for a vestigial nematic state in the cuprate pseudogap phase. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13249-13254.	7.1	52
79	Searching for Gap Zeros in Sr <sub>2</sub> RuO <sub>4</sub> via Field-Angle-Dependent Specific-Heat Measurement. Journal of the Physical Society of Japan, 2018, 87, 093703.	1.6	51
80	Unconventional magneto-transport in ultrapure PdCoO <sub>2</sub> and PtCoO <sub>2</sub> . Npj Quantum Materials, 2018, 3, .	5.2	46
81	Itinerant ferromagnetism of the Pd-terminated polar surface of PdCoO <sub>2</sub> . Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12956-12960.	7.1	45
82	p-wave superconductivity. Physica B: Condensed Matter, 2000, 280, 148-153.	2.7	44
83	Band-selective modification of the magnetic fluctuations in Sr <sub>2</sub> RuO <sub>4</sub> : A study of substitution effects. Physical Review B, 2004, 70, .	3.2	44
84	Calculation of thermodynamic and transport properties of Sr <sub>2</sub> RuO <sub>4</sub> at low temperatures using known fermi surface parameters. Physica C: Superconductivity and Its Applications, 1996, 263, 510-515.	1.2	42
85	In-plane microwave conductivity of the single-layer cuprate Tl <sub>2</sub> Ba <sub>2</sub> CuO <sub>6</sub> + $\delta$ . Physical Review B, 1997, 56, R11443-R11446.	3.2	42
86	de Haas-van Alphen Effect Across the Metamagnetic Transition in Sr <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> . Physical Review Letters, 2004, 92, 216403.	7.8	41
87	Crystal structure and cation stoichiometry of superconducting Tl <sub>2</sub> Ba <sub>2</sub> CuO <sub>6</sub> + $\delta$ single crystals. Physica C: Superconductivity and Its Applications, 1992, 198, 203-208.	1.2	40
88	Multicritical Fermi Surface Topological Transitions. Physical Review Letters, 2019, 123, 207202.	7.8	40
89	Phase Bifurcation and Quantum Fluctuations in Sr <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> . Physical Review Letters, 2005, 95, 086402.	7.8	38
90	Quantum criticality and the formation of a putative electronic liquid crystal in Sr <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> . Physica C: Superconductivity and Its Applications, 2012, 481, 207-214.	1.2	37

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91	Micron-scale measurements of low anisotropic strain response of local $T_c$ in $\text{Sr}_2\text{RuO}_4$ . <i>Physical Review B</i> , 2018, 98, .	3.2	37
92	Spatial control of heavy-fermion superconductivity in $\text{CeIrIn}_5$ . <i>Science</i> , 2019, 366, 221-226.	12.6	37
93	Role of correlations in determining the Van Hove strain in $\text{Sr}_2\text{RuO}_4$ . <i>Physical Review B</i> , 2019, 100, .	3.2	36
94	Comment on "Extended Van Hove Singularity in a Noncuprate Layered Superconductor $\text{Sr}_2\text{RuO}_4$ ". <i>Physical Review Letters</i> , 1997, 78, 2271-2271.	7.8	34
95	Quantum critical metamagnetism of $\text{Sr}_2\text{RuO}_4$ . $\text{RuO}_4$ . <i>Physical Review B</i> , 2014, 89, .	3.2	34
96	Muon-spin rotation measurements of the vortex state in $\text{Sr}_2\text{RuO}_4$ : Type-1.5 superconductivity, vortex clustering, and a crossover from a triangular to a square vortex lattice. <i>Physical Review B</i> , 2014, 89, .	3.2	34
97	In Situ Modification of a Delafossite-Type $\text{PdCoO}_2$ Bulk Single Crystal for Reversible Hydrogen Sorption and Fast Hydrogen Evolution. <i>ACS Energy Letters</i> , 2019, 4, 2185-2191.	17.4	34
98	High-field study of normal-state magnetotransport in $\text{Tl}_2\text{Ba}_2\text{CuO}_6$ . <i>Physical Review B</i> , 1998, 57, R728-R731.	3.2	33
99	High-sensitivity heat-capacity measurements on $\text{Sr}_2\text{RuO}_4$ under uniaxial pressure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	33
100	Evolution of Fermi-Liquid Interactions in $\text{Sr}_2\text{RuO}_4$ under Pressure. <i>Physical Review Letters</i> , 2002, 89, 166402.	7.8	32
101	Rigid-band shift of the Fermi level in the strongly correlated metal: $\text{Sr}_2\text{RuO}_4$ . <i>Physical Review B</i> , 2004, 70, .	3.2	32
102	$\text{Ca}_3\text{Ru}_2\text{O}_7$ : Density Wave Formation and Quantum Oscillations in the Hall Resistivity. <i>Journal of the Physical Society of Japan</i> , 2010, 79, 024704.	1.6	32
103	Emergent Weyl Fermion Excitations in $\text{TaP}$ Explored by $\text{TaP}$ . <i>Physical Review Letters</i> , 2017, 118, 236403.	7.8	31
104	Improved Single-Crystal Growth of $\text{Sr}_2\text{RuO}_4$ . <i>Condensed Matter</i> , 2019, 4, 6.	1.8	31
105	Field dependence of the resistive transition in $\text{Tl}_2\text{Ba}_2\text{CuO}_6$ . <i>Physical Review B</i> , 1994, 49, 13243-13246.	3.2	30
106	Spin-orbit coupling and $k$ -dependent Zeeman splitting in strontium ruthenate. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 094201.	1.8	30
107	Quantum oscillations and magnetic reconstruction in the delafossite $\text{PdCrO}_2$ . <i>Physical Review B</i> , 2015, 92, .	3.2	30
108	Normal state, superconductivity and quasiparticle Fermi surface of the strongly correlated oxide $\text{Sr}_2\text{RuO}_4$ . <i>Physica B: Condensed Matter</i> , 1999, 259-261, 928-933.	2.7	29

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109	Low-temperature Hall effect in $\text{Bi}_2\text{Sr}_2\text{CuO}_6$ . Physical Review B, 1992, 45, 527-530.	3.2	28
110	Atomic-scale electronic structure of the cuprate pair density wave state coexisting with superconductivity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 14805-14811.	7.1	28
111	Recent progress in electron probe microanalysis. Reports on Progress in Physics, 1993, 56, 557-604.	20.1	27
112	Thermal Conductivity in the Vicinity of the Quantum Critical End Point in $\text{Sr}_3\text{Ru}_2\text{O}_7$ . Physical Review Letters, 2006, 97, 067005.	7.8	27
113	Quantum oscillations near the metamagnetic transition in $\text{Sr}_3\text{Ru}_2\text{O}_7$ . Physical Review B, 2010, 81, .	3.2	27
114	Intermediate magnetization state and competing orders in $\text{Dy}_2\text{Ti}_2\text{O}_7$ and $\text{Ho}_2\text{Ti}_2\text{O}_7$ . Nature Communications, 2016, 7, 12592.	12.8	26
115	Super-geometric electron focusing on the hexagonal Fermi surface of $\text{PdCoO}_2$ . Nature Communications, 2019, 10, 5081.	12.8	26
116	Charge Density Waves in $\text{YBa}_2\text{Cu}_6\text{O}_{6.67}$ Probed by Resonant X-Ray Scattering under Uniaxial Comp. Physical Review Letters, 2021, 126, 037002.	12.6	26
117	Cation distributions and possible phase separation in $\text{Tl}_2\text{Ba}_2\text{CuO}_6$ from synchrotron powder x-ray diffraction. Physical Review B, 1995, 51, 12747-12753.	3.2	25
118	Electronically driven spin-reorientation transition of the correlated polar metal $\text{Ca}_3\text{Ru}_2\text{O}_7$ . Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15524-15529.	7.1	25
119	Piezoelectric-based uniaxial pressure cell with integrated force and displacement sensors. Review of Scientific Instruments, 2019, 90, 023904.	1.3	24
120	$h$ / $e$ oscillations in interlayer transport of delafossites. Science, 2020, 368, 1234-1238.	12.6	24
121	Probing spin correlations using angle-resolved photoemission in a coupled metallic/Mott insulator system. Science Advances, 2020, 6, eaaz0611.	10.3	24
122	Quantum Oscillations in the Anomalous Phase in $\text{Sr}_3\text{Ru}_2\text{O}_7$ . Physical Review Letters, 2009, 103, 176401.	12.8	23
123	Hall effect in single crystal $\text{Ca}_{2-x}\text{Sr}_x\text{RuO}_4$ . Physical Review B, 2001, 63, .	3.2	22
124	Effects of In-Plane Impurity Substitution in $\text{Sr}_2\text{RuO}_4$ . Journal of the Physical Society of Japan, 2003, 72, 237-240.	1.6	22
125	Strain and vector magnetic field tuning of the anomalous phase in $\text{Sr}_3\text{Ru}_2\text{O}_7$ . Science Advances, 2017, 3, e1501804.	10.3	22
126	Hall effect of single layer, tetragonal $\text{Tl}_2\text{Ba}_2\text{CuO}_6$ near optimal doping. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1185-1186.	1.2	21



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127	Physical Properties of Single-Crystalline CaRuO <sub>3</sub> Grown by a Floating-Zone Method. Journal of the Physical Society of Japan, 2009, 78, 014701.	1.6	21
128	0.7 eV excitation in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> : evidence from epitaxial thin film and powder samples. Journal of Physics Condensed Matter, 1992, 4, L109-L114.	1.8	20
129	Accurate metal and oxygen analyses of cuprate single crystals by electron probe microanalysis. Physica C: Superconductivity and Its Applications, 1991, 178, 365-376.	1.2	19
130	de Haas-van Alphen oscillations in the charge density wave compound lanthanum tritelluride $\text{LaTe}_3$ Physical Review B, 2008, 78, .	3.2	19
131	Formation of heavy d-electron quasiparticles in Sr <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> . New Journal of Physics, 2013, 15, 063029.	2.9	19
132	Cascade of Magnetic-Field-Induced Lifshitz Transitions in the Ferromagnetic Kondo Lattice Material $\text{YbNi}_4\text{P}_2$ Physical Review Letters, 2017, 119, 126402.	1.9	19
133	Field-temperature phase diagram and entropy landscape of $\text{CeAuSb}_2$ Physical Review B, 2016, 93, .	1.2	18
134	Elastocaloric determination of the phase diagram of Sr <sub>2</sub> RuO <sub>4</sub> . Nature, 2022, 607, 276-280.	27.8	18
135	Relationship between Transport Anisotropy and Nematicity in FeSe. Physical Review X, 2021, 11, .	8.9	17
136	Cobalt-doped YBCO single crystals and their accurate characterisation. Physica C: Superconductivity and Its Applications, 1991, 176, 285-294.	1.2	16
137	Hall effect of Sr <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> . Physica B: Condensed Matter, 2000, 284-288, 1469-1470.	2.7	16
138	Effect of pressure on metamagnetic Sr <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> . Physica B: Condensed Matter, 2002, 312-313, 698-699.	2.7	16
139	Single Crystal Growth, Structure, and Electronic Properties of Metallic Delafossite PdRhO <sub>2</sub> . Crystal Growth and Design, 2017, 17, 4144-4150.	3.0	16
140	Directional ballistic transport in the two-dimensional metal PdCoO <sub>2</sub> . Nature Physics, 2022, 18, 819-824.	16.7	16
141	A METAMAGNETIC QUANTUM CRITICAL ENDPOINT IN Sr <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> . International Journal of Modern Physics B, 2002, 16, 3258-3264.	2.0	14
142	Study of the electronic nematic phase of Sr <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> . Physical Review B, 2002, 66, 040402.	3.2	14
143	Incommensurate magnetic ordering in Ti-doped $\text{Sr}_3\text{Ru}_2\text{O}_7$ Physical Review B, 2009, 79, .	3.2	13
144	SrRuO <sub>3</sub> : Normal-State Properties and the Effect of Disorder. Journal of Superconductivity and Novel Magnetism, 1999, 12, 543-549.	0.5	12

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