Andrew Mackenzie

List of Publications by Year
in descending order

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210	15,420	18482 62	17592 121
papers	citations	h-index	g-index

214	214	214	7475
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tuneable electronâ€“magnon coupling of ferromagnetic surface states in PdCoO2. Npj Quantum Materials, 2022, 7, .	5.2	12
2	Directional ballistic transport in the two-dimensional metal PdCoO2. Nature Physics, 2022, 18, 819-824.	16.7	16
3	Topological metamagnetism: Thermodynamics and dynamics of the transition in spin ice under uniaxial compression. Physical Review B, 2022, 105, .	3.2	3
4	Elastocaloric determination of the phase diagram of Sr2RuO4. Nature, 2022, 607, 276-280.	27.8	18
5	Thermodynamic evidence for a two-component superconducting order parameter in Sr2RuO4. Nature Physics, 2021, 17, 199-204.	16.7	98
6	High-sensitivity heat-capacity measurements on Sr ₂ RuO ₄ under uniaxial pressure. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	33
7	Split superconducting and time-reversal symmetry-breaking transitions in Sr2RuO4 under stress. Nature Physics, 2021, 17, 748-754.	16.7	109
8	Quasiparticle interference and quantum confinement in a correlated Rashba spin-split 2D electron liquid. Science Advances, 2021, 7, .	10.3	10
9	Single-Crystal Growth of Sr2RuO4 by the Floating-Zone Method Using an Infrared Image Furnace with Improved Halogen Lamps. Crystals, 2021, 11, 392.	2.2	4
10	Relationship between Transport Anisotropy and Nematicity in FeSe. Physical Review X, 2021, 11, .	8.9	17
11	Evidence for even parity unconventional superconductivity in Sr ₂ RuO ₄. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	54
12	Field-induced transition within the superconducting state of CeRh ₂ As ₂. Science, 2021, 373, 1012-1016.	12.6	74
13	Charge Density Waves in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>YBa</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mi>Cu</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>6.67</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Probed by Resonant X-Ray Scattering under Uniaxial Comp. Physical Review Letters, 2021, 126, 037002.	7.8	26
14	Low-symmetry nonlocal transport in microstructured squares of delafossite metals. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	11
15	Heisenberg spins on an anisotropic triangular lattice: PdCrO₂ under uniaxial stress. New Journal of Physics, 2021, 23, 123050.	2.9	1
16	A Personal Perspective on the Unconventional Superconductivity of Sr2RuO4. Journal of Superconductivity and Novel Magnetism, 2020, 33, 177-182.	1.8	10
17	Rigid platform for applying large tunable strains to mechanically delicate samples. Review of Scientific Instruments, 2020, 91, 083902.	1.3	9
18	Heat-capacity measurements under uniaxial pressure using a piezo-driven device. Review of Scientific Instruments, 2020, 91, 103903.	1.3	11

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19	Piezoelectric-driven uniaxial pressure cell for muon spin relaxation and neutron scattering experiments. Review of Scientific Instruments, 2020, 91, 103902.	1.3	11
20	Surface and bulk electronic structure of aluminium diboride. Physical Review B, 2020, 102, .	3.2	6
21	Direct comparison of ARPES, STM, and quantum oscillation data for band structure determination in Sr2RhO4. Npj Quantum Materials, 2020, 5, .	5.2	6
22	A tunable stress dilatometer and measurement of the thermal expansion under uniaxial stress of Mn3Sn. Applied Physics Letters, 2020, 117, .	3.3	5
23	Messungen an Î¼mâ€Proben â€“ ein alternativer Weg zur Untersuchung intrinsischer Eigenschaften von FestkÃ¶rperâ€Materialien am Beispiel des Halbleiters TaGeIr. Angewandte Chemie, 2020, 132, 11230-11235.	2.0	1
24	h / e oscillations in interlayer transport of delafossites. Science, 2020, 368, 1234-1238.	12.6	24
25	Electronically driven spin-reorientation transition of the correlated polar metal Ca ₃ Ru ₂ O ₇. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15524-15529.	7.1	25
26	Fermi surface of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>PtCoO</mml:mi><mml:mn>2</mml:mn></mml:msub></r from quantum oscillations and electronic structure calculations. Physical Review B, 2020, 101, .	3.2	1
27	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
28	Momentum-resolved superconducting energy gaps of Sr ₂ RuO ₄ from quasiparticle interference imaging. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 5222-5227.	7.1	59
29	Microâ€Scale Deviceâ€”An Alternative Route for Studying the Intrinsic Properties of Solidâ€State Materials: The Case of Semiconducting TaGeIr. Angewandte Chemie - International Edition, 2020, 59, 11136-11141.	13.8	9
30	Probing spin correlations using angle-resolved photoemission in a coupled metallic/Mott insulator system. Science Advances, 2020, 6, eaaz0611.	10.3	24
31	In Situ Modification of a Delafossite-Type PdCoO₂ Bulk Single Crystal for Reversible Hydrogen Sorption and Fast Hydrogen Evolution. ACS Energy Letters, 2019, 4, 2185-2191.	17.4	34
32	Spatial control of heavy-fermion superconductivity in CeIrIn ₅. Science, 2019, 366, 221-226.	12.6	37
33	Multicritical Fermi Surface Topological Transitions. Physical Review Letters, 2019, 123, 207202.	7.8	40
34	Direct observation of a uniaxial stress-driven Lifshitz transition in Sr2RuO4. Npj Quantum Materials, 2019, 4, .	5.2	54
35	Magnetic frustration and spontaneous rotational symmetry breaking in PdCrO2. Physical Review B, 2019, 100, .	3.2	6
36	Constraints on the superconducting order parameter in Sr2RuO4 from oxygen-17 nuclear magnetic resonance. Nature, 2019, 574, 72-75.	27.8	264

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37	Magnetic fieldâ€“induced pair density wave state in the cuprate vortex halo. Science, 2019, 364, 976-980.	12.6	101
38	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
39	Perfect separation of intraband and interband excitations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>PdCoO</mml:mi><mml:mn>2</mml:mn></mml:msub></ Physical Review B, 2019, 99, .	3.2	11
40	Improved Single-Crystal Growth of Sr2RuO4. Condensed Matter, 2019, 4, 6.	1.8	31
41	Piezoelectric-based uniaxial pressure cell with integrated force and displacement sensors. Review of Scientific Instruments, 2019, 90, 023904.	1.3	24
42	Super-geometric electron focusing on the hexagonal Fermi surface of PdCoO2. Nature Communications, 2019, 10, 5081.	12.8	26
43	Role of correlations in determining the Van Hove strain in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">RuO</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review B, 2019, 100, .	3.2	36
44	Out-of-plane transport in ZrSiS and ZrSiSe microstructures. APL Materials, 2019, 7, 101116.	5.1	7
45	Hidden kagome-lattice picture and origin of high conductivity in delafossite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>PtCoO</mml:mi><mml:mn>2</mml:mn></mml:msub></ Physical Review Materials, 2019, 3, .	2.4	12
46	Low temperature thermodynamic investigation of the phase diagram of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>3</mml:mn></mml:r mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2018, 97, .	3.2	8
47	Resistivity in the Vicinity of a van Hove Singularity: <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></ under Uniaxial Pressure. Physical Review Letters, 2018, 120, 076602.	7.8	76
48	Effect of applied orthorhombic lattice distortion on the antiferromagnetic phase of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeAuSb</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:msub></ Physical Review B, 2018, 97, .	3.2	9
49	Application of SQUIDs to low temperature and high magnetic field measurementsâ€”Ultra low noise torque magnetometry. Review of Scientific Instruments, 2018, 89, 023901.	1.3	3
50	Unconventional magneto-transport in ultrapure PdCoO2 and PtCoO2. Npj Quantum Materials, 2018, 3, .	5.2	46
51	Uniaxial pressure control of competing orders in a high-temperature superconductor. Science, 2018, 362, 1040-1044.	12.6	122
52	Itinerant ferromagnetism of the Pd-terminated polar surface of PdCoO ₂. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12956-12960.	7.1	45
53	Micron-scale measurements of low anisotropic strain response of local <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></mml:m in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:mm Physical Review B, 2018, 98, .	3.2	37
54	Searching for Gap Zeros in Sr₂RuO₄ via Field-Angle-Dependent Specific-Heat Measurement. Journal of the Physical Society of Japan, 2018, 87, 093703.	1.6	51

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55	Effect of uniaxial stress on the magnetic phases of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeAuSb</mml:mi><mml:mn>2</mml:mn></mml:msub> Physical Review B, 2018, 98, .	3.2	11
56	The properties of ultrapure delafossite metals. Reports on Progress in Physics, 2017, 80, 032501.	20.1	120
57	Strong peak in T _c of Sr ₂ RuO ₄ under uniaxial pressure. Science, 2017, 355, .	12.6	200
58	Strain and vector magnetic field tuning of the anomalous phase in Sr ₃ Ru ₂ O ₇. Science Advances, 2017, 3, e1501804.	10.3	22
59	Maximal Rashba-like spin splitting via kinetic-energy-coupled inversion-symmetry breaking. Nature, 2017, 549, 492-496.	27.8	105
60	Cascade of Magnetic-Field-Induced Lifshitz Transitions in the Ferromagnetic Kondo Lattice Material <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>YbNi</mml:mi></mml:mrow><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mrow><mathvariant="normal">P</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml: Physical Review Letters, 2017, 119, 126402.	7.8	19
61	Quasi-two-dimensional Fermi surface topography of the delafossite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>PdRhO</mml:mi><mml:mn>2</mml:mn></mml:msub> Physical Review B, 2017, 96, .	3.2	6
62	Even odder after twenty-three years: the superconducting order parameter puzzle of Sr2RuO4. Npj Quantum Materials, 2017, 2, .	5.2	191
63	Charge density wave quantum critical point with strong enhancement of superconductivity. Nature Physics, 2017, 13, 967-972.	16.7	70
64	Emergent Weyl Fermion Excitations in TaP Explored by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Ta</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>181</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> Quadrupole Resonance. Physical Review Letters, 2017, 118, 236403.	7.8	31
65	Negative pressure tuning. Nature Materials, 2017, 16, 702-703.	27.5	3
66	Single Crystal Growth, Structure, and Electronic Properties of Metallic Delafossite PdRhO₂. Crystal Growth and Design, 2017, 17, 4144-4150.	3.0	16
67	Hydrodynamic Electron Flow and Hall Viscosity. Physical Review Letters, 2017, 118, 226601.	7.8	149
68	Intermediate magnetization state and competing orders in Dy2Ti2O7 and Ho2Ti2O7. Nature Communications, 2016, 7, 12592.	12.8	26
69	Detection of a Cooper-pair density wave in Bi2Sr2CaCu2O8+x. Nature, 2016, 532, 343-347.	27.8	205
70	Field-temperature phase diagram and entropy landscape of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeAuSb</mml:mi><mml:mn>2</mml:mn></mml:msub> Physical Review B, 2016, 93, .	3.2	18
71	Strain Control of Fermiology and Many-Body Interactions in Two-Dimensional Ruthenates. Physical Review Letters, 2016, 116, 197003.	7.8	82
72	Evidence for hydrodynamic electron flow in PdCoO ₂. Science, 2016, 351, 1061-1064.	12.6	369

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73	Atomic-scale electronic structure of the cuprate d-symmetry form factor density wave state. Nature Physics, 2016, 12, 150-156.	16.7	109
74	Quantum oscillations and magnetic reconstruction in the delafossite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">PdCrO</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2015, 92, .	3.2	30
75	Nearly free electrons in a 5 d delafossite oxide metal. Science Advances, 2015, 1, e1500692.	10.3	56
76	Piezoelectric-based apparatus for strain tuning. Review of Scientific Instruments, 2014, 85, 065003.	1.3	120
77	Search for spontaneous edge currents and vortex imaging in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:m mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>mesostructures. Physical Review B, 2014, 89, .	3.2	65
78	Strong Increase of T _c of Sr ₂ RuO ₄ Under Both Tensile and Compressive Strain. Science, 2014, 344, 283-285.	12.6	270
79	Muon-spin rotation measurements of the vortex state in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:m mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>: Type-1.5 superconductivity, vortex clustering, and a crossover from a triangular to a square vortex lattice. Physical Review B, 2014, 89, .	3.2	34
80	Imaging Cooper pairing of heavy fermions in CeCoIn5. Nature Physics, 2013, 9, 468-473.	16.7	175
81	Similarity of Scattering Rates in Metals Showing T -Linear Resistivity. Science, 2013, 339, 804-807.	12.6	290
82	Formation of heavy d-electron quasiparticles in Sr₃Ru₂O₇. New Journal of Physics, 2013, 15, 063029.	2.9	19
83	Evidence from tunneling spectroscopy for a quasi-one-dimensional origin of superconductivity 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, 2013, 88, .	3.2	72
84	Pressure study of nematicity and quantum criticality in Sr3Ru2O7for an in-plane field. Physical Review B, 2013, 88, .	3.2	2
85	Study of the electronic nematic phase of 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 />	3.2	14
86	Behavior near pressure induced quantum criticality in Sr₃Ru₂O₇. Journal of Physics: Conference Series, 2012, 400, 032114.	0.4	0
87	Fast sweep-rate plastic Faraday force magnetometer with simultaneous sample temperature measurement. Review of Scientific Instruments, 2012, 83, 125104.	1.3	7
88	Quantum Oscillations and High Carrier Mobility in the Delafossite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>PdCoO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2012, 109, 116401.	7.8	110
89	Vortex imaging in unconventional superconductors. Physica C: Superconductivity and Its Applications, 2012, 479, 65-68.	1.2	2
90	Quantum criticality and the formation of a putative electronic liquid crystal in Sr3Ru2O7. Physica C: Superconductivity and Its Applications, 2012, 481, 207-214.	1.2	37

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91	Anisotropic Energy Gaps of Iron-Based Superconductivity from Intraband Quasiparticle Interference in LiFeAs. Science, 2012, 336, 563-567.	12.6	151
92	Spinâ€“orbit coupling andk-dependent Zeeman splitting in strontium ruthenate. Journal of Physics Condensed Matter, 2011, 23, 094201.	1.8	30
93	Hall coefficient anomaly in the low-temperature high-field phase of 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	3.2	9
94	Quantum critical metamagnetism of Sr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>Ru<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>O<mml:math	3.2	34
95	Vortex imaging and vortex lattice transitions in superconducting 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>single crystals. Physical Review B, 2011, 84,	3.2	102
96	Thermodynamics of phase formation in the quantum critical metal Sr ₃ Ru ₂ O ₇. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16549-16553.	7.1	53
97	Ca₃Ru₂O₇: Density Wave Formation and Quantum Oscillations in the Hall Resistivity. Journal of the Physical Society of Japan, 2010, 79, 024704.	1.6	32
98	Power law specific heat divergence in Sr₃Ru₂O₇. Physica Status Solidi (B): Basic Research, 2010, 247, 513-515.	1.5	11
99	Quantum phase transitions in NbFe₂ and Ca₃Ru₂O₇. Physica Status Solidi (B): Basic Research, 2010, 247, 544-548.	1.5	12
100	Quantum oscillations near the metamagnetic transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Sr</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub	3.2	27
101	Physical Review B, 2010, 81, . Unconventional Magnetization Processes and Thermal Runaway in Spin-IceDy2Ti2O7. Physical Review Letters, 2010, 105, 267205.	7.8	58
102	Nematic Fermi Fluids in Condensed Matter Physics. Annual Review of Condensed Matter Physics, 2010, 1, 153-178.	14.5	561
103	Incommensurate magnetic ordering in Ti-doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Sr</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub	3.2	13
104	Physical Review B, 2009, 79, . Microscopic theory of the nematic phase in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Sr</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub	3.2	82
105	Physical Review B, 2009, 79, . Quantum Oscillations in the Anomalous Phase in<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	7.8	28
106	mathvariant="bold">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2009, 103, 176401. Physical Properties of Single-Crystalline CaRuO₃ Grown by a Floating-Zone Method. Journal of the Physical Society of Japan, 2009, 78, 014701.	1.6	21
107	Heavy d-electron quasiparticle interference and real-space electronic structure of Sr3Ru2O7. Nature Physics, 2009, 5, 800-804.	16.7	53
108	Entropy Landscape of Phase Formation Associated with Quantum Criticality in Sr ₃ Ru ₂ O ₇. Science, 2009, 325, 1360-1363.	12.6	125

#	Article	IF	Citations
109	Evidence for the Sr2RuO4intercalations in the Sr3Ru2O7region of the Sr3Ru2O7â€“ Sr2RuO4eutectic system. Journal of Physics: Conference Series, 2009, 150, 052113.	0.4	2
110	Quantum oscillations in an overdoped high-Tc superconductor. Nature, 2008, 455, 952-955.	27.8	240
111	Effect of electron doping the metamagnetSr3âˆ’yLayRu2O7. Physical Review B, 2008, 78, .	3.2	10
112	de Haasâ€“van Alphen oscillations in the charge density wave compound lanthanum tritelluride<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>LaTe</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:ms Physical Review B, 2008, 78, .	3.2	19
113	Fermi Surface and van Hove Singularities in the Itinerant Metamagnet<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	7.8	94
114	Evolution of the Fermi Surface and Quasiparticle Renormalization through a van Hove Singularity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Sr</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>âˆ’</mml:mo><mml:mi>y</mml:mi> Physical Review Letters, 2007, 99, 187001.	7.8	56
115	Heavy Fermions in the Original Fermi Liquid. Science, 2007, 317, 1332-1333.	12.6	6
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