

Philipp Gegenwart

List of Publications by Year in descending order

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278
papers

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26630

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113
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281
all docs

281
docs citations

281
times ranked

6728
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum criticality in heavy-fermion metals. Nature Physics, 2008, 4, 186-197.	16.7	1,065
2	The break-up of heavy electrons at a quantum critical point. Nature, 2003, 424, 524-527.	27.8	612
3	Relevance of the Heisenberg-Kitaev Model for the Honeycomb Lattice Iridates A_2IrO_4 . Physical Review Letters, 2012, 108, 127203.	7.8	609
4	Antiferromagnetic Mott insulating state in single crystals of the honeycomb lattice material Na_2IrO_4 . Physical Review B, 2010, 82, .	3.2	531
5	Spin Waves and Revised Crystal Structure of Honeycomb Iridate IrO_4 . Physical Review Letters, 2012, 108, 127204.	7.8	502
6	YbRh2Si2: Pronounced Non-Fermi-Liquid Effects above a Low-Lying Magnetic Phase Transition. Physical Review Letters, 2000, 85, 626-629.	7.8	486
7	Hall-effect evolution across a heavy-fermion quantum critical point. Nature, 2004, 432, 881-885.	27.8	431
8	Magnetic-Field Induced Quantum Critical Point in YbRh2Si2. Physical Review Letters, 2002, 89, 056402.	7.8	410
9	Models and materials for generalized Kitaev magnetism. Journal of Physics Condensed Matter, 2017, 29, 493002.	1.8	384
10	Long-range magnetic ordering in Na_2IrO_4 . Physical Review Letters, 2010, 105, 127203.	3.2	300
11	The 2016 oxide electronic materials and oxide interfaces roadmap. Journal Physics D: Applied Physics, 2016, 49, 433001.	2.8	266
12	First-Order Superconducting Phase Transition in CeCoIn5. Physical Review Letters, 2002, 89, 137002.	7.8	231
13	Disorder-Sensitive Phase Formation Linked to Metamagnetic Quantum Criticality. Science, 2004, 306, 1154-1157.	12.6	231
14	Crystal-Field Splitting and Correlation Effect on the Electronic Structure of A_2IrO_4 . Physical Review Letters, 2013, 110, 076402.	7.8	209
15	Divergence of the Grüneisen Ratio at Quantum Critical Points in Heavy Fermion Metals. Physical Review Letters, 2003, 91, 066405.	7.8	204
16	Multiple Energy Scales at a Quantum Critical Point. Science, 2007, 315, 969-971.	12.6	202
17	Na_2IrO_4 : a Novel Relativistic Mott Insulator with a 340-meV Gap. Physical Review Letters, 2012, 109, 266406.	7.8	192
18	High-temperature superconductivity in Eu_2O_3 . Physical Review B, 2008, 78, .	3.2	185

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19	Detaching the antiferromagnetic quantum critical point from the Fermi-surface reconstruction in YbRh_2Si_2 . <i>Nature Physics</i> , 2009, 5, 465-469.	16.7	180
20	Electrical resistivity and specific heat of single-crystalline EuFe_2As_2 . <i>Physical Review B</i> , 2008, 78, .	3.2	156
21	A magnetic homologue of SrFe_2As_2 . <i>Physical Review Letters</i> , 1998, 81, 1501-1504.	7.8	151
22	Breakup of Heavy Fermions on the Brink of Phase A in CeCu_2Si_2 . <i>Physical Review Letters</i> , 1998, 81, 1501-1504.	3.2	151
23	Evidence for a reentrant superconducting state in EuFe_2As_2 . <i>Physical Review B</i> , 2009, 79, .	3.2	142
24	Incommensurate counterrotating magnetic order stabilized by Kitaev interactions in the layered honeycomb YbMgGaO . <i>Physical Review Letters</i> , 2017, 118, 107202.	7.8	139
25	Crystalline Electric-Field Randomness in the Triangular Lattice Spin-Liquid YbMgGaO . <i>Physical Review Letters</i> , 2016, 117, 097201.	7.8	138
26	Muon Spin Relaxation Evidence for the $U(1)$ Quantum Spin-Liquid Ground State in the Triangular Antiferromagnet YbMgGaO . <i>Physical Review Letters</i> , 2016, 117, 097201.	7.8	138
27	Unconventional magnetic order on the hyperhoneycomb Kitaev lattice in YbMgGaO . Full solution via magnetic resonant x-ray diffraction. <i>Physical Review B</i> , 2014, 90, .	7.8	135
28	Ferromagnetic Quantum Critical Fluctuations in $\text{YbRh}_2(\text{Si}_{0.95}\text{Ge}_{0.05})_2$. <i>Physical Review Letters</i> , 2005, 94, 076402.	7.8	132
29	Staggered Field Effect on the One-Dimensional $S=1/2$ Antiferromagnet Yb_4As_3 . <i>Physical Review Letters</i> , 2001, 86, 2439-2442.	7.8	119
30	Interplay of antiferromagnetism, ferromagnetism, and superconductivity in EuFe_2As_2 . <i>Physical Review B</i> , 2009, 79, .		

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37	Evidence for a Non-Fermi-Liquid Phase in Ge-Substituted YbRh_2Si_2 . Physical Review Letters, 2010, 104, 186402.	7.8	95
38	Non-Fermi-Liquid Effects at Ambient Pressure in a Stoichiometric Heavy-Fermion Compound with Very Low Disorder: CeNi_2Ge_2 . Physical Review Letters, 1999, 82, 1293-1296.	7.8	91
39	Effects of magnetic ordering on dynamical conductivity: Optical investigations of EuFe_2As_2 crystals. Physical Review B, 2009, 79, .	3.2	86
40	Magnetic excitation spectrum of Na_2IrO_3 probed with resonant inelastic x-ray scattering. Physical Review B, 2013, 87, .	3.2	85
41	Coexistence of superconductivity and ferromagnetism in P-doped EuFe_2As_2 . Physical Review B, 2014, 89, .	3.2	80
42	High-field phase diagram of the heavy-fermion metal YbRh_2Si_2 . New Journal of Physics, 2006, 8, 171-171.	2.9	74
43	Divergence of the Magnetic Grüneisen Ratio at the Field-Induced Quantum Critical Point in YbRh_2Si_2 . Physical Review Letters, 2009, 102, 066401.	7.8	70
44	Ultrafast Momentum-Dependent Response of Electrons in Antiferromagnetic EuFe_2As_2 by Optical Excitation. Physical Review Letters, 2012, 108, 097002.	7.8	69
45	Quantum-critical phase from frustrated magnetism in a strongly correlated metal. Nature Physics, 2019, 15, 1261-1266.	16.7	66
46	Fully gapped d -wave superconductivity in CeCu_2Si_2 . Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5343-5347.	7.1	62
47	Competition between spin-orbit coupling, magnetism, and dimerization in the honeycomb iridates: EuFe_2As_2 under pressure. Physical Review B, 2018, 97, .	3.2	61
48	Yb-based heavy-fermion metal situated close to a quantum critical point. Physical Review B, 2005, 72, .	3.2	60
49	Metamagnetic Quantum Criticality in $\text{Sr}_3\text{Ru}_2\text{O}_7$ Studied by Thermal Expansion. Physical Review Letters, 2006, 96, 136402.	7.8	60
50	EuFe_2As_2 . Physical Review B, 2018, 97, .	7.8	60
51	Superconductivity. Physical Review Letters, 2013, 110, 237002. Evolution of magnetism and superconductivity in $\text{CeCu}_2(\text{Si}_{1-x}\text{Ge}_x)_2$. Physical Review B, 1997, 56, 678-685.	3.2	59
52	Uniaxial Pressure Effects on CeIrIn_5 and CeCoIn_5 Studied by Low-Temperature Thermal Expansion. Physical Review Letters, 2003, 91, 076402.	7.8	59
53	Strong coupling effects on the upper critical field of the heavy-fermion superconductor UPe_3 . Journal of Low Temperature Physics, 1996, 102, 117-132.	1.4	57
54	Origin of the insulating state in honeycomb iridates and rhodates. Physical Review B, 2013, 88, .	3.2	57

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55	Quantum Bicriticality in the Heavy-Fermion Metamagnet YbAgGe. Physical Review Letters, 2013, 111, 116401.	7.8	57
56	Breakdown of Magnetic Order in the Pressurized Kitaev Iridate Li_2IrO_4 . Physical Review Letters, 2018, 120, 237202.	7.8	57
57	Characteristic signatures of quantum criticality driven by geometrical frustration. Science Advances, 2015, 1, e1500001.	10.3	56
58	Upper critical field and Fulde-Ferrell-Larkin-Ovchinnikov state in CeCoIn ₅ . Physical Review B, 2004, 69, .	3.2	55
59	Field-Induced Suppression of the Heavy-Fermion State in YbRh ₂ Si ₂ . Physical Review Letters, 2005, 94, 226402.	7.8	55
60	Quantum Criticality in the Cubic Heavy-Fermion System CeIn ₃ xSnx. Physical Review Letters, 2006, 96, 256403.	7.8	55
61	Interplay between Kondo Suppression and Lifshitz Transitions in YbRh ₂ Si ₂ at High Magnetic Fields. Physical Review Letters, 2013, 110, 256403.	7.8	55
62	Entropy Evolution in the Magnetic Phases of Partially Frustrated CePdAl. Physical Review Letters, 2017, 118, 107204.	7.8	55
63	Are heavy-fermion metals Fermi liquids?. Zeitschrift für Physik B-Condensed Matter, 1996, 103, 235-242.	1.1	53
64	Ferromagnetic quantum criticality in the alloy CePd _{1-x} Rhx. Physical Review B, 2007, 75, .	3.2	52
65	Varying magnetic order by chemical pressure in EuFe ₂ Si ₂		

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73	Effect of isoelectronic doping on the honeycomb-lattice iridate IrO_4 . Physical Review B, 2014, 89, .	3.2	46
74	Thermodynamic Perspective on Field-Induced Behavior of IrO_3 . Physical Review Letters, 2020, 125, 097203.	3.2	42
75	Coherent excitations and electron-phonon coupling in Ba/EuFeAs_2 compounds investigated by femtosecond time- and angle-resolved photoemission spectroscopy. Journal of Physics Condensed Matter, 2013, 25, 094003.	1.8	40
76	Universal signatures of the metamagnetic quantum critical endpoint: Application to CeRu_2 . Physical Review B, 2010, 81, .	3.2	39
77	Droplet-like Fermi surfaces in the anti-ferromagnetic phase of EuFeAs_2 , an Fe-pnictide superconductor parent compound. Europhysics Letters, 2010, 89, 27007.	2.0	39
79	Low-Energy Electronic Properties of Clean CaRuO_3 . Elusive Landau Quasiparticles. Physical Review Letters, 2014, 112, .	7.8	39
80	$\text{Gr}_{1/4}$ neisen parameter studies on heavy fermion quantum criticality. Reports on Progress in Physics, 2016, 79, 114502.	20.1	39
81	Experimental evidence for a generalized FFLO state in clean type-II superconductors with short coherence length and enhanced Pauli susceptibility. Physica C: Superconductivity and Its Applications, 1996, 263, 498-504.	1.2	36
82	Dissimilarities between the electronic structure of chemically doped and chemically pressurized iron pnictides from an angle-resolved photoemission spectroscopy study. Physical Review B, 2011, 84, .	3.2	36
83	Electron-phonon coupling in 122 Fe pnictides analyzed by femtosecond time-resolved photoemission. New Journal of Physics, 2013, 15, 083023.	2.9	36
84	Magnetic structure of the EuFeAs_2 in superconducting		

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91	Symmetry-Breaking Lattice Distortion in $\text{Sr}_3\text{Ru}_2\text{O}_7$. Physical Review Letters, 2011, 107, 096404.	7.8	33
92	Electronic and spin states of SrRuO_3 films: An x-ray magnetic circular dichroism study. Physical Review B, 2015, 91, .	7.8	33
93	Anomalous Reduction of the Lorenz Ratio at the Quantum Critical Point in YbAgGe. Physical Review Letters, 2013, 110, 176402.	7.8	32
94	Classification of strongly correlated f-electron systems. Journal of Low Temperature Physics, 1995, 99, 267-281.	1.4	31
95	Unique phase diagram with narrow superconducting dome in EuFe_2O_7		

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109	B ^a T phase diagram of PrOs ₄ Sb ₁₂ studied by low-temperature thermal expansion and magnetostriction. Physical Review B, 2004, 69, .	3.2	24
110	Non-Fermi-liquid scattering rates and anomalous band dispersion in ferropnictides. Physical Review B, 2015, 92, .	3.2	24
111	Super-heavy electron material as metallic refrigerant for adiabatic demagnetization cooling. Science Advances, 2016, 2, e1600835.	10.3	24
112	Persistent low-temperature spin dynamics in the mixed-valence iridate $\text{Ba}_{3-x}\text{O}_9$. Physical Review B, 2017, 96, .	3.2	24
113	Angle-dependent thermodynamics of $\text{Sr}_3\text{Ru}_2\text{O}_7$. Physical Review B, 2021, 103, .	1.2	24
114	Quantum Oscillations in the Anomalous Phase in $\text{Sr}_3\text{Ru}_2\text{O}_7$. Physical Review Letters, 2009, 103, 176401.	1.8	24
115	Local magnetism and spin dynamics of the frustrated honeycomb rhodate Li_2O_7 . Physical Review B, 2017, 96, .	2.2	24
116	The world's smallest capacitive dilatometer, for high-resolution thermal expansion and magnetostriction in high magnetic fields. Review of Scientific Instruments, 2017, 88, 083903.	1.3	23
117	Tuning Heavy Fermion Systems into Quantum Criticality by Magnetic Field. Journal of Low Temperature Physics, 2003, 133, 3-15.	1.4	22
118	Non-Fermi liquid normal state of the heavy-fermion superconductor UBe ₁₃ . Physica C: Superconductivity and Its Applications, 2004, 408-410, 157-160.	1.2	22
119	In-plane angular dependence of the upper critical field in CeCoIn ₅ . Physical Review B, 2006, 74, .	3.2	22
120	Experimental quantification of entanglement through heat capacity. New Journal of Physics, 2013, 15, 113001.	2.9	22
121	Partial Up-Up-Down Order with the Continuously Distributed Order Parameter in the Triangular Antiferromagnet TmMgGaO_4 . Physical Review X, 2020, 10, .	8.9	22
122	Fingerprints of Kitaev physics in the magnetic excitations of honeycomb iridates. Physical Review Research, 2020, 2, .	3.6	22
123	Optical investigations of chemically pressurized Li_2O_7 .		

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127	Low-temperature thermodynamic properties of the heavy-fermion compound YbAgGe close to the field-induced quantum critical point. <i>Physical Review B</i> , 2006, 73, .	3.2	20
128	Quantum criticality near the upper critical field of Ce PdIn . <i>Physical Review B</i> , 2011, 84, .	3.2	19
129	Quantum criticality near the upper critical field of Ce FeSe and Eu PdIn . <i>Physical Review B</i> , 2013, 87, .	3.2	19
130	Thermodynamic and transport properties of the one-dimensional S=12 antiferromagnet Yb4As3. <i>Physica B: Condensed Matter</i> , 2002, 312-313, 315-320.	2.7	18
131	Signature of frustrated moments in quantum critical CePd . <i>Physical Review B</i> , 2016, 94, .	3.2	18
132	Multiple Metamagnetic Quantum Criticality in SrO . <i>Physical Review B</i> , 2016, 94, .	3.2	18
133	Discovery of Emergent Photon and Monopoles in a Quantum Spin Liquid. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 064702.	1.6	17
135	High-resolution resonant inelastic x-ray scattering study of the electron-phonon coupling in honeycomb SmI_2 . <i>Physical Review B</i> , 2019, 100, .	3.2	17
136	Anisotropic temperature-field phase diagram of single crystalline LiFeAs : Magnetization, specific heat, and Li . <i>Physical Review Materials</i> , 2019, 3, .	2.4	17
137	Uniaxial stress tuning of geometrical frustration in a Kondo lattice. <i>Physical Review B</i> , 2017, 96, .	3.2	16
138	Quantum oscillations and Dirac dispersion in the BaZnBi_2 semimetal guaranteed by local Zn vacancy order. <i>Physical Review B</i> , 2018, 97, .	3.2	16
139	Non-Fermi-liquid effects at ambient pressure in the stoichiometric heavy-fermion compound YbRh2Si2. <i>Physical Review B</i> , 2019, 99, .	2.7	15
140	Low-temperature magnetic susceptibility of single crystals. <i>Physica B: Condensed Matter</i> , 2008, 403, 1236-1238.	2.7	15
141	Magnetic fluctuations and superconductivity in iron pnictides as probed by electron spin resonance. <i>Physical Review B</i> , 2010, 82, .	3.2	15
142	Anisotropic exchange Hamiltonian, magnetic phase diagram, and domain inversion of Nd_2O_7 . <i>Physical Review B</i> , 2019, 99, .	3.2	15
143	Layer-based SdCd honeycomb system Ag_3S . <i>Physical Review B</i> , 2019, 99, .	3.2	15
144	Suppression of the Kondo state in YbRh2Si2 by large magnetic fields. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E87-E88.	2.3	14

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145	Ferromagnetic quantum phase transition in Sr $1-x$ Ca x RuO 3 thin films. Physica Status Solidi (B): Basic Research, 2010, 247, 577-579.	1.5	14
146	CePdAl - a Kondo lattice with partial frustration. Journal of Physics: Conference Series, 2017, 807, 032003.	0.4	14
147	Kitaev Magnetism through the Prism of Lithium Iridate. Physica Status Solidi (B): Basic Research, 2022, 259, 2100146.	1.5	14
148	Non-Fermi-liquid effects in stoichiometric 4f-electron metals at ambient pressure. Physica B: Condensed Matter, 2000, 280, 349-353.	2.7	13
149	Effect of Ge-doping and pressure in the vicinity of the QCP of YbRh 2 Si 2 . Physica B: Condensed Matter, 2002, 312-313, 401-402.	2.7	13
150	Low-temperature specific heat for off- and near-stoichiometric UAsSe. Solid State Communications, 2002, 121, 647-651.	1.9	13
151	Tuning YbRh 2 Si 2 to a non-magnetic state by La-doping. Physica B: Condensed Matter, 2005, 359-361, 26-28.	2.7	13
152	Systematic study of the Gr $1/4$ neisen ratio near quantum critical points. Science and Technology of Advanced Materials, 2007, 8, 428-433.	6.1	13
153	Evolution of quantum criticality in CeNi $9-x$ Cu x Ge 4 . Journal of Physics Condensed Matter, 2009, 21, 235604.	1.8	13
154	Quantum Griffiths phase in CePd $1-x$ Rh x with $x \approx 0.8$. Journal of Physics: Conference Series, 2010, 200, 012016.	0.4	13
155	Divergence of the Gr $1/4$ neisen Parameter and Δ Magnetocaloric Effect at Heavy Fermion Quantum Critical Points. Journal of Low Temperature Physics, 2010, 161, 117-133.	1.4	13
156	Optical properties of the iron-pnictide analog BaMn 2 As 2 . Physical Review B, 2012, 86, .	3.2	13
157	Tracking local magnetic dynamics via high-energy charge excitations in a relativistic Mott insulator. Physical Review B, 2016, 94, .	3.2	13
158	Strain-induced changes of the electronic properties of B -site ordered double-perovskite Sr 2 CoR 6 thin films. Physical Review B, 2018, 97, .	3.2	13
159	Non-Fermi-liquid behavior in CeCu 2 Si 2 at the disappearance of the presumably magnetically ordered α -A-phase. Physica B: Condensed Matter, 1997, 230-232, 572-575.	2.7	12
160	Unconventional normal-state properties and superconductivity in heavy-fermion metals. Physica C: Superconductivity and Its Applications, 2000, 341-348, 691-694.	1.2	12
161	Magnetic Properties Close to the Quantum Critical Point in YbRh 2 Si 2 . Journal of the Physical Society of Japan, 2006, 75, 155-159.	1.6	12
162	Field-dependent specific heat of Yb 4 As 3 : Agreement between a spin-12 model and experiment. Physical Review B, 2009, 79, .	3.2	12

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163	Electron spin resonance in Eu-based iron pnictides. Physical Review B, 2012, 86, .	3.2	12
164	Highly unconventional surface reconstruction of NaMn_2O_4 with a persistent energy gap. Physical Review B, 2015, 91, .	3.2	11
165	A uniaxial stress capacitive dilatometer for high-resolution thermal expansion and magnetostriction under multiextreme conditions. Review of Scientific Instruments, 2016, 87, 073903.	1.3	12
166	Anomalous pinning in superconductors with strong Pauli paramagnetism. Physica B: Condensed Matter, 1996, 223-224, 28-32.	2.7	11
167	A non-magnetic Kondo effect in UAsSe ferromagnet?. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 189-190.	2.3	11
168	Thermal expansion and Gr \tilde{A} $\frac{1}{4}$ neisen ratio near quantum critical points. Physica B: Condensed Matter, 2006, 378-380, 36-39.	2.7	11
169	Low-temperature properties of the heavy fermion system YbR ₂ Si ₂ . Physica B: Condensed Matter, 2006, 378-380, 74-75.	2.7	11
170	Quantum criticality in layered chem $\{\{\text{CeRhIn}_{5-x}\text{Sn}_x\}\}$ compared with cubic chem $\{\{\text{CeIn}_{3-x}\text{Sn}_x\}\}$. Europhysics Letters, 2009, 87, 57011.	2.0	11
171	Experimental evidence for importance of Hund's exchange interaction for incoherence of charge carriers in iron-based superconductors. Physical Review B, 2017, 95, .	3.2	11
172	Classification of materials with divergent magnetic Gr \tilde{A} $\frac{1}{4}$ neisen parameter. Philosophical Magazine, 2017, 97, 3415-3427.	1.6	11
173	Microscopic Theory of Magnetic Detwinning in Iron-Based Superconductors with Large-Spin Rare Earths. Physical Review X, 2018, 8, .	8.9	11
174	Gapped ground state in the zigzag pseudospin-1/2 quantum antiferromagnetic chain compound PrTiNbO_6 . Physical Review B, 2018, 97, .	3.2	11
175	Optical signature of the pressure-induced dimerization in the honeycomb iridate $\hat{\pm}\hat{A}^{\wedge}\text{Li}_2\text{IrO}_3$. Physical Review B, 2019, 99, .	3.2	11
176	Pressure-induced formation of rhodium zigzag chains in the honeycomb rhodate Li_2RhO_3 . Physical Review B, 2019, 100, .	3.2	11
177	Field evolution of low-energy excitations in the hyperhoneycomb magnet $\hat{I}^2\hat{A}^{\wedge}$. Physical Review B, 2020, 101, .	3.2	11
178	Persistent spin dynamics in the pressurized spin-liquid candidate YbMgGaO_4 . Physical Review Research, 2020, 2, .	3.6	11
179	Superconductivity in clean and disordered nonmagnetic borocarbides. Physica C: Superconductivity and Its Applications, 2000, 341-348, 749-750.	1.2	10
180	Magnetization study of the energy scales in YbRh_2Si_2 under chemical pressure. Physica Status Solidi (B): Basic Research, 2013, 250, 485-490.	1.5	10

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181	Terahertz conductivity of SrTiO_3 Physical Review B, 2016, 93, .	3.2	10
182	Structural, thermodynamic, and local probe investigations of the honeycomb material Ag_3VO_6 Physical Review B, 2019, 99, .	3.2	10
183	Topological magnetic order and superconductivity in EuRb_2As_2 Physical Review B, 2021, 103, .	3.2	9
184	Kitaev matter. Nature Physics, 2015, 11, 444-445.	16.7	9
185	Electronic structure and ultrafast dynamics of FeAs-based superconductors by angle- and time-resolved photoemission spectroscopy. Physica Status Solidi (B): Basic Research, 2017, 254, 1600382.	1.5	9
186	Optical properties of superconducting $\text{EuFe}_2(\text{As}_{1-x}\text{P}_x)_2$. Physica Status Solidi (B): Basic Research, 2017, 254, 1600148.	1.5	9
187	Highly anisotropic strain dependencies in $\text{PrIr}_2\text{Zn}_{20}$. Physical Review B, 2019, 99, .	3.2	9
188	Field evolution of the spin-liquid candidate YbMg_2Ga Physical Review B, 2020, 102, .	3.2	9
189	Linkage between scattering rates and superconductivity in doped ferropnictides. Physical Review B, 2021, 103, .	3.2	9
190	Magnetic frustration in a metallic fcc lattice. Physical Review Research, 2020, 2, .	3.6	9
191	Magnon and Soliton Excitations in the Carrier-Poor, One-Dimensional $S=1/2$ Antiferromagnet Yb_4As_3 . Acta Physica Polonica A, 2000, 97, 91-100.	0.5	9
192	CeCu_2Si_2 AND UBe_{13} : NEW QUESTIONS – OLD ANSWERS?. Journal of Physics and Chemistry of Solids, 1998, 59, 2190-2195.	4.0	8
193	Low-temperature thermal expansion and magnetostriction of $\text{YbRh}_2(\text{Si}_{1-x}\text{Gex})_2$ ($x=0$ and 0.05). Journal of Magnetism and Magnetic Materials, 2004, 272-276, 229-230.	2.3	8
194	Low-temperature electrical resistivity of. Physica B: Condensed Matter, 2006, 378-380, 72-73.	2.7	8
195	Normal-state electrical resistivity and superconducting magnetic penetration depth in $\text{Eu}_{0.5}\text{K}_{0.5}\text{Fe}_2\text{As}_2$ polycrystals. JETP Letters, 2009, 89, 294-297.	1.4	8
196	Magnetic and Electronic Quantum Criticality in YbRh_2Si_2 . Journal of Low Temperature Physics, 2010, 161, 67-82.	1.4	8
197	Superconductivity versus quantum criticality: what can we learn from heavy fermions?. Journal of Physics Condensed Matter, 2010, 22, 164202.	1.8	8
198	Electronic nematicity and its relation to quantum criticality in $\text{Sr}_3\text{Ru}_2\text{O}_7$ studied by thermal expansion. Physica Status Solidi (B): Basic Research, 2013, 250, 450-456.	1.5	8

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199	heat of segmented Heisenberg quantum spin chains in $(\text{Yb}_{1-x}\text{K}_x)_2\text{As}_2$. <i>Physical Review B</i> , 2016, 94, 040407. https://doi.org/10.1103/PhysRevB.94.040407	3.2	8
200	Novel types of quantum criticality in heavy-fermion systems. <i>European Physical Journal: Special Topics</i> , 2015, 224, 975-996. https://doi.org/10.1140/epjst/sto/2015/224975	2.6	8
201	Electronic scattering effects in europium-based iron pnictides. <i>Comptes Rendus Physique</i> , 2016, 17, 188-196. https://doi.org/10.1051/0003-6818/17/188	0.9	8
202	Theory of a generalized Fulde-Ferrell-Larkin-Ovchinnikov state in heavy fermion and intermediate-valence superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1996, 263, 30-34. https://doi.org/10.1016/0921-4534(96)00003-9	1.2	7
203	Incipient superconductivity and NFL behavior in off-stoichiometric $\text{Ce}_{1+x}\text{Ni}_{2+y}\text{Ge}_{2+z}$ polycrystals. <i>Physica B: Condensed Matter</i> , 2000, 281-282, 5-6. https://doi.org/10.1016/S0168-0130(00)00005-6	2.7	7
204	Evidence for low-dimensional magnetic behaviour in CePt_5Ge_3 . <i>Journal of Physics Condensed Matter</i> , 2001, 13, 4535-4542. https://doi.org/10.1088/0953-8984/13/17/4535	1.8	7
205	Low-temperature magnetostriction of $\text{Sr}_3\text{Ru}_2\text{O}_7$. <i>Physica B: Condensed Matter</i> , 2006, 378-380, 117-118. https://doi.org/10.1016/j.physb.2006.03.011	2.7	7
206	Superconductivity and magnetism in $\text{Eu}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$. <i>Journal of Physics: Conference Series</i> , 2010, 200, 012060. https://doi.org/10.1088/1742-6596/200/1/012060	0.4	7
207	Reversible tuning of the collapsed tetragonal phase transition in CaFe_2As_2 by separate control of chemical pressure and electron doping. <i>Physical Review B</i> , 2015, 92, 080407. https://doi.org/10.1103/PhysRevB.92.080407	3.2	7
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