

Takasada Shibauchi

List of Publications by Year in descending order

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314
papers

15,465
citations

19657

61
h-index

19190

118
g-index

320
all docs

320
docs citations

320
times ranked

8655
citing authors

#	ARTICLE	IF	CITATIONS
37	Photoinduced possible superconducting state with long-lived disproportionate band filling in FeSe. Communications Physics, 2019, 2, .	5.3	28
38	Ultrafast nematic-orbital excitation in FeSe. Nature Communications, 2019, 10, 1946.	12.8	19
39	Modification of magnetic fluctuations by interfacial interactions in artificially engineered heavy-fermion superlattices. Physical Review B, 2019, 99, .	3.2	4
40	⁷⁷ Se-NMR Study under Pressure on 12%-S Doped FeSe. Journal of the Physical Society of Japan, 2019, 88, 033703.	1.6	10
41	Quantum Vortex Core and Missing Pseudogap in the Multiband BCS-BEC Crossover Superconductor FeSe. Physical Review Letters, 2019, 122, 077001.	7.8	56
42	Electrical resistivity across a nematic quantum critical point. Nature, 2019, 567, 213-217.	27.8	80
43	Reciprocity between local moments and collective magnetic excitations in the phase diagram of BaFe ₂ (As _{1-x} P _x) ₂ . Communications Physics, 2019, 2, .	5.3	15
44	Measuring magnetic field texture in correlated electron systems under extreme conditions. Science, 2019, 366, 1355-1359.	12.6	62
45	Evolution of the low-temperature Fermi surface of superconducting FeSe _{1-x} S _x across a nematic phase transition. Npj Quantum Materials, 2019, 4, .	5.2	62
46	Direct Evidence for the Existence of Heavy Quasiparticles in the Magnetically Ordered Phase of CeRhIn ₅ . Journal of the Physical Society of Japan, 2019, 88, 014706.	1.6	8
47	Coexistence of orbital and quantum critical magnetoresistance in FeSe _{1-x} S _x . Physical Review Research, 2019, 1, .	3.6	33
48	In Situ STM Observation of Nonmagnetic Impurity Effect in MBE-grown CeCoIn ₅ Films. Journal of the Physical Society of Japan, 2018, 87, 034702.	1.6	13
49	Abrupt change of the superconducting gap structure at the nematic critical point in FeSe _{1-x} S _x . Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1227-1231.	7.1	69
50	Superconducting gap anisotropy sensitive to nematic domains in FeSe. Nature Communications, 2018, 9, 282.	12.8	56
51	Tuning the Pairing Interaction in a d-Wave Superconductor by Paramagnons Injected through Interfaces. Physical Review Letters, 2018, 120, 187002.	7.8	10
52	Magnetic fluctuations under pressure on S-doped FeSe studied via ⁷⁷ Se NMR. AIP Advances, 2018, 8, 101308.	1.3	1
53	Discovery of Emergent Photon and Monopoles in a Quantum Spin Liquid. Journal of the Physical Society of Japan, 2018, 87, 064702.	1.6	17
54	Unusual Thermal Hall Effect in a Kitaev Spin Liquid Candidate RuCl ₃ . Physical Review Letters, 2018, 120, 217205.	7.8	158

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55	Two distinct superconducting pairing states divided by the nematic end point in FeSe $1\hat{a}^{\sim}$ S superconductors. <i>Science Advances</i> , 2018, 4, eaar6419.	10.3	74
56	Majorana quantization and half-integer thermal quantum Hall effect in a Kitaev spin liquid. <i>Nature</i> , 2018, 559, 227-231.	27.8	596
57	Evidence for s -wave pairing with atomic scale disorder in the van der Waals superconductor NaSn 2 . <i>Physical Review B</i> , 2018, 98, .	3.2	17
58	Quasiparticle Excitations in the Superconducting State of FeSe Probed by Thermal Hall Conductivity in the Vicinity of the BCS-BEC Crossover. <i>Journal of the Physical Society of Japan</i> , 2017, 86, 014707.	1.6	23
59	Maximizing T_c by tuning nematicity and magnetism in FeSe $1\hat{a}^{\sim}$ S superconductors. <i>Nature Communications</i> , 2017, 8, 1143.	12.8	88
60	Magnetic and superconducting properties of a heavy-fermion CeCoIn 5 epitaxial film probed by nuclear quadrupole resonance. <i>Physical Review B</i> , 2017, 96, .	3.2	2
61	Fully gapped superconductivity with no sign change in the prototypical heavy-fermion CeCu 2 Si 2 . <i>Science Advances</i> , 2017, 3, e1601667.	10.3	46
62	Impact of Disorder on the Superconducting Phase Diagram in BaFe 2 (As $1\hat{a}^{\sim}$) 2 P 2 . <i>Journal of the Physical Society of Japan</i> , 2017, 86, 083706.	1.6	20
63	Weakening of the diamagnetic shielding in FeSe $1\hat{a}^{\sim}$ S at high pressures. <i>Physical Review B</i> , 2017, 96, .	3.2	17
64	Thermodynamic evidence for a nematic phase transition at the onset of the pseudogap in $\text{YBa}_2\text{Cu}_3\text{O}_y$. <i>Nature Physics</i> , 2017, 13, 1074-1078.	16.7	170
65	Full-Gap Superconductivity Robust against Disorder in Heavy-Fermion CeCu 2 Si 2 . <i>Physical Review Letters</i> , 2017, 119, 077001.	7.8	35
66	Emergent exotic superconductivity in artificially engineered tricolor Kondo superlattices. <i>Physical Review B</i> , 2017, 96, .	3.2	19
67	High- T_c Superconductivity in FeSe at High Pressure: Dominant Hole Carriers and Enhanced Spin Fluctuations. <i>Physical Review Letters</i> , 2017, 118, 147004.	7.8	64
68	NMR studies on heavy fermion and conventional metal superlattices CeCoIn 5 /YbCoIn 5 . <i>Journal of Physics: Conference Series</i> , 2017, 807, 012004.	0.4	0
69	Nematic quantum critical point without magnetism in FeSe $1\hat{a}^{\sim}$ S superconductors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8139-8143.	7.1	164
70	Giant superconducting fluctuations in the compensated semimetal FeSe at the BCS-BEC crossover. <i>Nature Communications</i> , 2016, 7, 12843.	12.8	100
71	Charge-induced nematicity in FeSe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9177-9181.	7.1	83
72	Evolution of quasiparticle excitations with enhanced electron correlations in superconducting Fe 2 As 2 . <i>Physical Review B</i> , 2017, 96, .	3.2	17

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73	Fermi surface reconstruction in FeSe under high pressure. Physical Review B, 2016, 93, .	3.2	35
74	Magnetotransport study of the pressure-induced antiferromagnetic phase in FeSe. Physical Review B, 2016, 93, .	3.2	24
75	Tuning the Magnetic Quantum Criticality of Artificial Kondo Superlattices CeRhIn_3 Physical Review Letters, 2016, 116, 206401.	7.8	16
76	Emergence of nontrivial magnetic excitations in a spin-liquid state of kagomé volborthite. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8653-8657.	7.1	63
77	Nematic magnetoelastic effect contrasted between $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$ and FeSe. Physical Review B, 2016, 93, .	3.2	12
78	Strain-Driven Approach to Quantum Criticality in $\text{AFe}_2\text{P}_2\text{O}_{14}$ $\text{AFe}_2\text{P}_2\text{O}_{14}$ Physical Review Letters, 2016, 116, 237003.	3.2	10
79	Possible observation of highly itinerant quantum magnetic monopoles in the frustrated pyrochlore $\text{Yb}_2\text{Ti}_2\text{O}_7$. Nature Communications, 2016, 7, 10807.	12.8	50
80	Dome-shaped magnetic order competing with high-temperature superconductivity at high pressures in FeSe. Nature Communications, 2016, 7, 12146.	12.8	210
81	Diamagnetic vortex barrier stripes in underdoped BaFe_2As_2 Physical Review B, 2016, 94, .	3.2	10
82	From Kondo lattices to Kondo superlattices. Reports on Progress in Physics, 2016, 79, 074503.	20.1	39
83	Charge carrier dynamics of the heavy-fermion metal CeCoIn_5 probed by THz spectroscopy. Journal of Magnetism and Magnetic Materials, 2016, 400, 31-35.	2.3	3
84	Local characterization of superconductivity in BaF_2 $e^{2/3}$ TJ E	3.2	27
85	Fermi surface of IrTe_2 in the valence-bond state as determined by quantum oscillations. Physical Review B, 2015, 91, .	3.2	5
86	Optical conductivity evidence of clean-limit superconductivity in LiFeAs . Physical Review B, 2015, 91, .	3.2	8
87	Critical current density, vortex dynamics, and phase diagram of single-crystal FeSe. Physical Review B, 2015, 92, .	3.2	65
88	Interface between heavy fermions and normal electrons investigated by spatially resolved nuclear magnetic resonance. Physical Review B, 2015, 92, .	3.2	17
89	Dichotomy between the Hole and Electron Behavior in Multiband Superconductor FeSe Probed by Ultrahigh Magnetic Fields. Physical Review Letters, 2015, 115, 027006.	7.8	111
90	Momentum-dependent sign inversion of orbital order in superconducting FeSe. Physical Review B, 2015, 92, .	3.2	113

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91	Enhancement of critical current density and mechanism of vortex pinning in H ⁺ -irradiated FeSe single crystal. Applied Physics Express, 2015, 8, 113102.	2.4	23
92	Evidence for Time-Reversal Symmetry Breaking of the Superconducting State near Twin-Boundary Interfaces in FeSe Revealed by Scanning Tunneling Spectroscopy. Physical Review X, 2015, 5, .	8.9	61
93	Structural Origin of the Anomalous Temperature Dependence of the Local Magnetic Moments in the CaFe_2 of Materials. Physical Review Letters. 2015, 114, 047001.	7.8	28
94	Emergence of Orbital Nematicity in the Tetragonal Phase of $\text{BaFe}_2(\text{As}_{1-x}\text{P}_x)_2$. Journal of the Physical Society of Japan, 2015, 84, 043705.	1.6	46
95	Pressure-Induced Antiferromagnetic Transition and Phase Diagram in FeSe. Journal of the Physical Society of Japan, 2015, 84, 063701.	1.6	94
96	Colossal thermomagnetic response in the exotic superconductor URu ₂ Si ₂ . Nature Physics, 2015, 11, 17-20.	16.7	54
97	Anomalous critical fields in quantum critical superconductors. Nature Communications, 2014, 5, 5679.	12.8	41
98	Broken symmetries in URu ₂ Si ₂ . Philosophical Magazine, 2014, 94, 3747-3759.	1.6	23
99	Disorder-induced topological change of the superconducting gap structure in iron pnictides. Nature Communications, 2014, 5, 5657.	12.8	86
100	Anomalous Fermi surface in FeSe seen by Shubnikov-de Haas oscillation measurements. Physical Review B, 2014, 90, .	3.2	155
101	Infrared pseudogap in cuprate and pnictide high-temperature superconductors. Physical Review B, 2014, 90, .	3.2	21
102	Pseudogap formation above the superconducting dome in iron pnictides. Physical Review B, 2014, 89, .	3.2	77
103	A Quantum Critical Point Lying Beneath the Superconducting Dome in Iron Pnictides. Annual Review of Condensed Matter Physics, 2014, 5, 113-135.	14.5	285
104	Field-induced superconducting phase of FeSe in the BCS-BEC cross-over. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16309-16313.	7.1	312
105	Controllable Rashba Spin-Orbit Interaction in Artificially Engineered Superlattices Involving the Heavy-Fermion Superconductor CeCoIn_5 . Physical Review Letters. 2014, 113, 077001.	7.8	59
106	Doping evolution of the quasiparticle excitations in heavily hole-doped $\text{BaKFe}_2(\text{As}_{1-x}\text{P}_x)_2$. Physical Review B, 2014, 90, .	3.2	41
107	Direct observation of lattice symmetry breaking at the hidden-order transition in URu ₂ Si ₂ . Nature Communications, 2014, 5, 4188.	12.8	58
108	Anisotropy of the superconducting gap in the iron-based superconductor $\text{BaFe}_2(\text{As}_{1-x}\text{P}_x)_2$. Scientific Reports, 2014, 4, 7292.	3.3	25

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109	Electron irradiation of Co, Ni, and P-doped BaFe ₂ As ₂ "type iron-based superconductors. Journal of Physics: Conference Series, 2013, 449, 012023.	0.4	24
110	Quantum-limit linkage of "strange" and conventional metal states of high-Tc superconductors. Physica C: Superconductivity and Its Applications, 2013, 493, 15-17.	1.2	0
111	Quantum Critical Point in $BaFe_{2-x}Co_xAs_2$ Superconductors <small>xmmls:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>BaFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mo></mml:mo></mml:math></small>	17.8	105
112	Terahertz Conductivity of the Heavy-Fermion State in CeCoIn ₅ . Journal of the Physical Society of Japan, 2013, 82, 043712.	1.6	8
113	Disorder, critical currents, and vortex pinning energies in isovalently substituted BaFe ₂ As ₂ <small>xmmls:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow></small>		

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127	NMR Study of the FFLO State and Magnetism in CeCoIn ₅ . Journal of Physics: Conference Series, 2012, 400, 022058.	0.4	0
128	Infrared Measurement of the Pseudogap of P-Doped and Co-Doped High-Temperature BaFe_2As_2 . Physical Review Letters, 2012, 109, 027006.	7.8	64
129	Nodal versus Nodeless Behaviors of the Order Parameters of LiFeP and LiFeAs Superconductors from Magnetic Penetration-Depth Measurements. Physical Review Letters, 2012, 108, 047003.	7.8	93
130	Anomalous Upper Critical Field in CeCoIn_5 with a Rashba-Type Heavy Fermion Interface. Physical Review Letters, 2012, 109, 157006.	7.8	76
131			

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145	Orbital-Independent Superconducting Gaps in Iron Pnictides. <i>Science</i> , 2011, 332, 564-567.	12.6	131
146	Anomalous low-field diamagnetic response in ultraclean URu ₂ Si ₂ superconductor. <i>Journal of Physics: Conference Series</i> , 2011, 273, 012081.	0.4	3
147	Specific heat discontinuity, $\hat{\gamma}^n$ at T_c in BaFe ₂ (As _{0.7} P _{0.3}) ₂ consistent with unconventional superconductivity. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 222201.	1.8	28
148	Volovik effect in a highly anisotropic multiband superconductor: Experiment and theory. <i>Physical Review B</i> , 2011, 84, .	3.2	28
149	Evolution of Paramagnetic Quasiparticle Excitations Emerged in the High-Field Superconducting Phase of $CeCoIn_5$. Nesting of electron and hole Fermi surfaces in nonsuperconducting BaFe ₂ <i>Physical Review Letters</i> , 2011, 106, 577004.	7.8	59
150	Anomalous Temperature Dependence of Lower Critical Field in Ultraclean URu ₂ Si ₂ . <i>Journal of the Physical Society of Japan</i> , 2010, 79, 084705.	3.2	31
151	Superconductivity induced by isovalent doping in single crystals of BaFe ₂ (As _{1-x} P _x) ₂ . <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S462-S463.	1.6	16
152	Superconductivity induced by isovalent doping in single crystals of BaFe ₂ (As _{1-x} P _x) ₂ . <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S462-S463.	1.2	3
153	Disorder and flux pinning in superconducting pnictide single crystals. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S385-S386.	1.2	1
154	Lower critical fields and the anisotropy in PrFeAsO ₁₁ single crystals. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S485-S486.	1.2	0
155	Microwave quasiparticle conductivity of LaFePO single crystals. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S433-S434.	1.2	0
156	Antiferromagnetic fluctuations in iron pnictide superconductor BaFe ₂ (As _{0.67} PO _{0.33}) ₂ investigated by ³¹ P NMR. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S420-S421.	1.2	0
157	Exotic superconducting state embedded in the hidden order state of URu ₂ Si ₂ . <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, 1013-1017.	1.2	1
158	Chemical Pressure and Physical Pressure in BaFe ₂ (As _{1-x} P _x) ₂ . <i>Journal of the Physical Society of Japan</i> , 2010, 79, 123706.	1.6	53
159	Specific heat versus field in the 30 K superconductor BaFe ₂ . <i>Physical Review B</i> , 2010, 81, .	3.2	40
160	Line nodes in the energy gap of superconducting BaFe ₂ . <i>Physical Review B</i> , 2010, 81, .	3.2	212
161	Anisotropic superconducting properties of optimally doped BaFe ₂ . <i>Physical Review B</i> , 2010, 82, .	3.2	16
162	Superconductivity induced by isovalent doping in single crystals of BaFe ₂ (As _{1-x} P _x) ₂ . <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S462-S463.	1.2	142

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163	Evidence for superconducting gap nodes in the zone-centered hole bands of KFe_2 magnetic penetration-depth measurements. <i>Physical Review B</i> , 2010, 82, .	3.2	172
164	Flux pinning in $PrFeAsO$. <i>Physical Review B</i> , 2010, 82, .	3.2	103
165	Interlayer magnetotransport in the overdoped cuprate $Tl_2Ba_2CuO_{6+x}$: Quantum critical point and its downslide in an applied magnetic field. <i>Physical Review B</i> , 2010, 82, .	3.2	3
166	Highly Mobile Gapless Excitations in a Two-Dimensional Candidate Quantum Spin Liquid. <i>Science</i> , 2010, 328, 1246-1248.	12.6	366
167	Evolution from non-Fermi- to Fermi-liquid transport via isovalent doping in $Tl_2Ba_2CuO_{6+x}$.		

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181	Lower critical fields of superconducting PrFeAsO_{1-x} single crystals. <i>Physical Review B</i> , 2009, 79, .	3.2	60
182	Thermal conductivity measurements of the energy-gap anisotropy of superconducting LaFePO at low temperatures. <i>Physical Review B</i> , 2009, 80, .	3.2	57
183	Novel vortex distribution in the $\hat{\Gamma}^2$ -pyrochlore superconductor KOs_2O_6 . <i>Journal of Physics: Conference Series</i> , 2009, 150, 052233.	0.4	0
184	Pinning down the pairing symmetry of heavy-fermion compound CeIrIn_5 . <i>Journal of Physics: Conference Series</i> , 2009, 150, 052097.	0.4	1
185	Vortex lattice melting in the ultraclean heavy-fermion superconductor URu_2Si_2 . <i>Journal of Physics: Conference Series</i> , 2009, 150, 052198.	0.4	1
186	Magneto-optical imaging of exotic superconductors. <i>Journal of Physics: Conference Series</i> , 2009, 150, 012052.	0.4	0
187	A boomerang-shaped reduction in interlayer phase coherence in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+y}$ with splayed columnar defects. <i>Journal of Physics: Conference Series</i> , 2009, 150, 052104.	0.4	0
188	Disorder and c-axis quasiparticle dynamics in underdoped $\text{Bi}_{2-x}\text{Sr}_x\text{CaCu}_2\text{O}_{8-y}$. <i>Journal of Physics: Conference Series</i> , 2009, 150, 052277.	0.4	0
189	Evidence for field-induced quantum critical route to a Fermi liquid in overdoped $\text{Tl}_{2-x}\text{Ba}_{2-x}\text{CuO}_{6+x}$. <i>Journal of Physics: Conference Series</i> , 2009, 150, 052234.	0.4	1
190	Local magnetization study of the first-order superconducting transition in CeCoIn_5 . <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 3208-3210.	4.0	0
191	Vortex lattice melting in the heavy-fermion superconductor URu_2Si_2 . <i>Physica C: Superconductivity and Its Applications</i> , 2008, 468, 1258-1261.	1.2	1
192	Full-gap superconductivity with strong electron correlations in the $\hat{\Gamma}^2$ -pyrochlore KOs_2O_6 . <i>Physica B: Condensed Matter</i> , 2008, 403, 1068-1070.	2.7	0
193	Fully gapped superconductivity and strong electron correlations in the $\hat{\Gamma}^2$ -pyrochlore. <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 3228-3231.	4.0	0
194	Non-Fermi liquid behavior in the magnetotransport of quasi two-dimensional heavy Fermion compounds CeMIn_5 . <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 3261-3264.	4.0	0
195	Exotic superconducting state embedded in the hidden order of. <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 3187-3190.	4.0	1
196	Local magnetization measurements of the first-order transition of CeCoIn_5 . <i>Physica B: Condensed Matter</i> , 2008, 403, 871-873.	2.7	0
197	Anomalous Flux Line Lattice in CeCoIn_5 . <i>Journal of the Physical Society of Japan</i> , 2008, 77, 023702.	1.6	9
198	Reply to French and Hussey: Evidence against orbital origin of field-induced quantum criticality in $\text{Tl}_{2-x}\text{Ba}_{2-x}\text{CuO}_{6+x}$ superconductors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, .	7.1	1

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199	Field-induced quantum critical route to a Fermi liquid in high-temperature superconductors. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 7120-7123.	7.1	37
200	c-axis coupling in underdoped $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ with varying degrees of disorder. Physical Review B, 2008, 77, .	3.2	3
201	Magnetotransport properties governed by antiferromagnetic fluctuations in the heavy-fermion superconductor CeIrIn_5 . Physical Review B, 2008, 77, .	3.2	28
202	Thermal Conductivity Evidence for a Symmetry in the Heavy-Fermion Superconductor. Physical Review Letters, 2007, 99, 037004.	7.8	40
203	Entanglement of Spins of CeIrIn_5 Merang-Shaped Reduction Forced by Disorder in Interlayer Phase Coherence in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. Physical Review Letters, 2008, 101, 037002.	7.8	11
204	Flux Line Lattice Melting and the Formation of a Coherent Quasiparticle Bloch State in the Ultraclean URu_2Si_2 . Physical Review Letters, 2008, 100, 037004.	7.8	28
205	Evidence for Fully Gapped Superconductivity from Microwave Penetration Depth Measurements in PrFeAsO_{1-y} Single Crystals. Journal of the Physical Society of Japan, 2008, 77, 145-146.	1.6	5
206	PSEUDOGAP IN CUPRATE SUPERCONDUCTORS: EXPLORING SCALING AND QUANTUM CRITICAL END POINT. International Journal of Modern Physics B, 2007, 21, 3202-3207.	2.0	1
207	Non-Fermi Liquid Behavior in the Magnetotransport of CeMIn_5 (M: Co and Rh): Striking Similarity between Quasi Two-Dimensional Heavy Fermion and High-Tc Cuprates. Journal of the Physical Society of Japan, 2007, 76, 024703.	1.6	94
208	FFLO state in thin superconducting films. Europhysics Letters, 2007, 80, 67004.	2.0	20
209	Exotic Superconducting Properties in the Electron-Hole-Compensated Heavy-Fermion CeSemimetal URu_2Si_2 . Physical Review Letters, 2007, 99, 116402.	7.8	183
210	Superconducting thin films of heavy-fermion compound CeCoIn_5 prepared by molecular beam epitaxy. Applied Physics Letters, 2007, 91, .	3.3	15
211	Competition between unconventional superconductivity and incommensurate antiferromagnetic order in CeRhIn_5 and CeCoIn_5 . Physical Review B, 2007, 76, .	3.2	35
212	Vortex Redistribution below the First-Order Transition Temperature in the URu_2Si_2 Pyrochlore Superconductor. Physical Review Letters, 2007, 99, 037002.	7.8	13
213	High-field superconducting transition of CeCoIn_5 studied by local magnetic induction measurements. Physical Review B, 2007, 76, .	3.2	13
214	Dynamic Coupling-decoupling Crossover in the Current-driven Vortex State in $\text{Tl}_2\text{Ba}_2\text{CaCu}_2\text{O}_8$ Probed by the Josephson Plasma Resonance. , 2007, , .		0
215	Dynamic coupling-decoupling crossover in the current-driven vortex State in $\text{Tl}_2\text{Ba}_2\text{CaCu}_2\text{O}_8$ probed by the Josephson plasma resonance. , 2007, , .		0
216	Effects of Rattling Phonons on the Dynamics of Quasiparticle Excitation in the URu_2Si_2 Pyrochlore KOs_2O_6 Superconductor. Physical Review Letters, 2007, 98, 257004.	7.8	32

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217	Interlayer coherence in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+y}$ with splayed columnar defects. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 463-465, 240-244.	1.2	3
218	Strong doping dependence of the interlayer superconducting coherence in $\text{Bi}_2(\text{Sr},\text{La})_2\text{CaCu}_2\text{O}_{8+y}$. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 174-177.	1.2	3
219	Screening of transverse ac fields and influence of supercurrent on NMR Knight shift in high-Tc crystals. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 929-930.	1.2	0
220	Hall effect in the quasi two-dimensional strongly correlated metal (M=Co, Rh). <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 334-336.	2.3	0
221	Interlayer transport as a probe for the pseudogap in superconducting electron-doped cuprates. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 504-506.	2.3	0
222	Unusual upper critical field in the pyrochlore KOs_2O_6 . <i>Journal of Physics: Conference Series</i> , 2006, 51, 295-298.	0.4	0
223	Exponentially Suppressed Interlayer Josephson Current in Underdoped $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+y}$. Bulk Evidence for Inhomogeneous Superconductivity. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	0
224	Interlayer Transport Properties Observed Using Small Mesa Structures for Electron-doped $\text{Sm}_{1.86}\text{Ce}_{0.14}\text{CuO}_4$. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	0
225	Zeeman and orbital limiting magnetic fields in cuprates: The pseudogap connection. <i>Pramana - Journal of Physics</i> , 2006, 66, 219-225.	1.8	0
226	Interlayer magnetotransport study in electron-doped $\text{Sm}_{2-x}\text{Ce}_x\text{CuO}_4$. <i>Pramana - Journal of Physics</i> , 2006, 66, 305-312.	1.8	0
227	Uncommonly high upper critical field of the pyrochlore superconductor KOs_2O_6 below the enhanced paramagnetic limit. <i>Physical Review B</i> , 2006, 74, .	3.2	31
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