

# Takasada Shibauchi

## List of Publications by Year in descending order

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314  
papers

15,465  
citations

19657

61  
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320  
docs citations

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times ranked

8655  
citing authors

| # | ARTICLE   | IF   | CITATIONS |
|---|---|------|-----------|
| 1 | Ultrahigh-Density Nanowire Arrays Grown in Self-Assembled Diblock Copolymer Templates. Science, 2000, 290, 2126-2129.           | 12.6 | 2,027     |
| 2 | Majorana quantization and half-integer thermal quantum Hall effect in a Kitaev spin liquid. Nature, 2018, 559, 227-231.         | 27.8 | 596       |
| 3 | Evolution from non-Fermi- to Fermi-liquid transport via isovalent doping in $\text{Cu}_2\text{S}$ . Nature, 2018, 559, 227-231. |      |           |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Anisotropic penetration depth in $\text{La}_2\text{xSrxCuO}_4$ . Physical Review Letters, 1994, 72, 2263-2266.  | 7.8  | 170       |
| 20 | Thermodynamic evidence for a nematic phase transition at the onset of the pseudogap in $\text{Ba}_2\text{Cu}_3\text{O}_y$ . Nature Physics, 2017, 13, 1074-1078.  | 16.7 | 170       |
| 21 | Nematic quantum critical point without magnetism in $\text{FeSe}_{1-x}\text{S}_x$ superconductors. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8139-8143. | 7.1  | 164       |
| 22 | Unusual Thermal Hall Effect in a Kitaev Spin Liquid Candidate $\hat{\mu} \pm \text{RuCl}_2$ . Physical Review Letters, 2018, 120, 217205.   | 7.8  | 158       |
| 23 | Anomalous Fermi surface in FeSe seen by Shubnikov-de Haas oscillation measurements. Physical Review B, 2014, 90, .  | 3.2  | 155       |
| 24 | Microwave Surface-Impedance Measurements of the Magnetic Penetration Depth in Single Crystal $\text{BaKFe}_2\text{As}_2$ . Physical Review Letters, 2009, 102, 207001.                                    | 7.8  | 148       |
| 25 | Half-integer quantized anomalous thermal Hall effect in the Kitaev material candidate $\hat{\mu} \pm \text{RuCl}_3$ . Science, 2021, 373, 568-572.  | 12.6 | 143       |
| 26 | Evidence for a Quantum Critical Point in $\text{BaFe}_2\text{As}_2$ . Physical Review Letters, 2011, 106, 237001.   | 7.8  | 142       |
| 27 | Tuning the Dimensionality of the Heavy Fermion Compound $\text{CeIn}_3$ . Science, 2010, 327, 980-983.  | 12.6 | 142       |
| 28 | Emergent rank-5 nematic order in $\text{URu}_2\text{Si}_2$ . Nature Physics, 2012, 8, 528-533.  | 16.7 | 138       |
| 29 | Orbital-Independent Superconducting Gaps in Iron Pnictides. Science, 2011, 332, 564-567.  | 12.6 | 131       |
| 30 | Stable ultrahigh-density magneto-optical recordings using introduced linear defects. Nature, 2001, 410, 444-446.  | 27.8 | 130       |
| 31 | Extremely strong-coupling superconductivity in artificial two-dimensional Kondo lattices. Nature Physics, 2011, 7, 849-853.   | 16.7 | 126       |
| 32 | Closing the Pseudogap by Zeeman Splitting in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ at High Magnetic Fields. Physical Review Letters, 2001, 86, 5763-5766.                                       | 7.8  | 122       |
| 33 | Momentum-dependent sign inversion of orbital order in superconducting FeSe. Physical Review B, 2015, 92, .  | 3.2  | 113       |
| 34 | 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       |
| 35 | Quantum Critical Point in $\text{BaFe}_2\text{As}_2$ . Physical Review Letters, 2011, 106, 237001.  | 7.8  | 105       |
| 36 | Flux pinning in $\text{PrFeAsO}$ and $\text{NdFeAsO}$ . Physical Review B, 2010, 81, .  | 3.2  | 103       |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 37 | Giant superconducting fluctuations in the compensated semimetal FeSe at the BCSâ€“BEC crossover. Nature Communications, 2016, 7, 12843.   | 12.8 | 100       |
| 38 | Interlayer Phase Coherence in the Vortex Matter Phases of Bi2Sr2CaCu2O8+y. Physical Review Letters, 1999, 83, 1010-1013.  | 7.8  | 98        |
| 39 | Non-Fermi Liquid Behavior in the Magnetotransport of CeMIn5 (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        |
| 40 | Pressure-Induced Antiferromagnetic Transition and Phase Diagram in FeSe. Journal of the Physical Society of Japan, 2015, 84, 063701.  | 1.6  | 94        |
| 41 | Nodal gap structure of superconducting BaFe $\times$<br><small>xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"&gt;&lt;mml:msub&gt;&lt;mml:mrow</small>  |      |           |

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|----|--|------|-----------|
| 55 | Quasiparticle Scattering Induced by Charge Doping of Iron-Pnictide Superconductors Probed by Collective Vortex Pinning. <i>Physical Review Letters</i> , 2010, 105, 267002.                                | 7.8  | 66        |
| 56 | Novel Pauli-paramagnetic quantum phase in a Mott insulator. <i>Nature Communications</i> , 2012, 3, 1090.  | 12.8 | 66        |
| 57 | Critical current density, vortex dynamics, and phase diagram of single-crystal FeSe. <i>Physical Review B</i> , 2015, 92, .  | 3.2  | 65        |
| 58 | Infrared Measurement of the Pseudogap of P-Doped and Co-Doped High-Temperature<br>$\text{BaFe}_{1-x}\text{As}_2$<br><i>Physical Review Letters</i> , 2012, 109, 027006.                                    | 7.8  | 64        |
| 59 | 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        |
| 60 | Emergence of nontrivial magnetic excitations in a spin-liquid state of kagomÃ© volborthite. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8653-8657. | 7.1  | 63        |
| 61 | Evidence for an Fulde-Ferrell-Larkin-Ovchinnikov State with Segmented Vortices in the BCS-BEC-Crossover Superconductor FeSe. <i>Physical Review Letters</i> , 2020, 124, 107001.                           | 7.8  | 63        |
| 62 | Measuring magnetic field texture in correlated electron systems under extreme conditions. <i>Science</i> , 2019, 366, 1355-1359.   | 12.6 | 62        |
| 63 | Evolution of the low-temperature Fermi surface of superconducting $\text{FeSe}_{1-x}\text{S}_x$ across a nematic phase transition. <i>Npj Quantum Materials</i> , 2019, 4, .                               | 5.2  | 62        |
| 64 | de Haas-van Alphen Study of the Fermi Surfaces of Superconducting LiFeP and LiFeAs. <i>Physical Review Letters</i> , 2012, 108, 047002.  | 7.8  | 61        |
| 65 | Evidence for Time-Reversal Symmetry Breaking of the Superconducting State near Twin-Boundary Interfaces in FeSe Revealed by Scanning Tunneling Spectroscopy. <i>Physical Review X</i> , 2015, 5, .         | 8.9  | 61        |
| 66 | Lower critical fields of superconducting $\text{PrFeAsO}_{1-x}$ single crystals. <i>Physical Review B</i> , 2009, 79, .  | 3.2  | 60        |
| 67 | Evolution of Paramagnetic Quasiparticle Excitations Emerged in the High-Field Superconducting Phase of $\text{CeCoIn}_5$ . <i>Physical Review Letters</i> , 2011, 106, 137004.                             | 7.8  | 59        |
| 68 | Controllable Rashba Spin-Orbit Interaction in Artificially Engineered Superlattices Involving the Heavy-Fermion Superconductor $\text{CeCoIn}_5$ . <i>Physical Review Letters</i> , 2014, 112, 156404.     | 7.8  | 59        |
| 69 | Novel Angular Scaling of Vortex Phase Transitions in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+y}$ . <i>Physical Review Letters</i> , 1999, 82, 4308-4311.   | 7.8  | 58        |
| 70 | Direct observation of lattice symmetry breaking at the hidden-order transition in URu <sub>2</sub> Si <sub>2</sub> . <i>Nature Communications</i> , 2014, 5, 4188.   | 12.8 | 58        |
| 71 | Thermal conductivity measurements of the energy-gap anisotropy of superconducting LaFePO at low temperatures. <i>Physical Review B</i> , 2009, 80, .   | 3.2  | 57        |
| 72 | Two-Dimensional and Three-Dimensional Fermi Surfaces of Superconducting $\text{BaFe}_{1-x}\text{As}_2$ . <i>Physical Review Letters</i> , 2011, 106, 137004.   | 7.8  | 56        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 73 | Cyclotron Resonance in the Hidden-Order Phase of $\text{URu}_2\text{Si}_2$ . Physical Review Letters, 2012, 109, 036401.   | 7.8  | 56        |
| 74 | Superconducting gap anisotropy sensitive to nematic domains in FeSe. Nature Communications, 2018, 9, 282.  | 12.8 | 56        |
| 75 | Quantum Vortex Core and Missing Pseudogap in the Multiband BCS-BEC Crossover Superconductor FeSe. Physical Review Letters, 2019, 122, 077001.  | 7.8  | 56        |
| 76 | Interlayer tunneling spectroscopy and doping-dependent energy-gap structure of the trilayer superconductor $\text{Bi}_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10+\delta}$ . Physical Review B, 2003, 68, . | 3.2  | 54        |
| 77 | Colossal thermomagnetic response in the exotic superconductor $\text{URu}_2\text{Si}_2$ . Nature Physics, 2015, 11, 17-20.   | 16.7 | 54        |
| 78 | Thermal Conductivity of the Pyrochlore Superconductor $\text{KOs}_2\text{O}_6$ : Strong Electron Correlations and Fully Gapped Superconductivity. Physical Review Letters, 2006, 96, 247004.                   | 7.8  | 53        |
| 79 | Chemical Pressure and Physical Pressure in $\text{BaFe}_2(\text{As}_{1-x}\text{P}_x)_2$ . Journal of the Physical Society of Japan, 2010, 79, 123706.  | 1.6  | 53        |
| 80 | Abrupt recovery of Fermi-liquid transport following the collapse of the $c$ -axis in $\text{CaFe}_2$   |      |           |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 91 | Strongly correlated superconductivity in a copper-based metal-organic framework with a perfect kagome lattice. Science Advances, 2021, 7, .                                | 10.3 | 44        |
| 92 | Thermodynamic evidence for a field-angle-dependent Majorana gap in a Kitaev spin liquid. Nature Physics, 2022, 18, 429-435.  | 16.7 | 42        |
| 93 | Anomalous critical fields in quantum critical superconductors. Nature Communications, 2014, 5, 5679.   | 12.8 | 41        |
| 94 | Doping evolution of the quasiparticle excitations in heavily hole-doped Ba $\text{K}$ $\text{FeAs}_2$ . Nature Communications, 2014, 5, 5679.                              | 3.2  | 41        |
| 95 | High-pressure phase diagrams of FeSe $1-x$ Te $x$ : correlation between suppressed nematicity and enhanced superconductivity. Nature Communications, 2021, 12, 381.        | 12.8 | 41        |
| 96 | c-axis microwave conductivity of YBa $2$ Cu $3$ O $7-\delta$ in the superconducting state. Physical Review B, 1995, 51, 1401-1404.   | 3.2  | 40        |
| 97 | 60 ns time scale short pulse interlayer tunneling spectroscopy for Bi $2$ Sr $2$ CaCu $2$ O $8+\delta$ . Applied Physics Letters, 2003, 83, 2381-2383.                     | 3.3  | 40        |
| 98 | Thermal Conductivity Evidence for a $d$ -Wave Symmetry in the Heavy-Fermion Superconductor CeIn $5$ . Physical Review Letters, 2008, 100, 207003.                          | 7.8  | 40        |
| 99 | Specific heat versus field in the 30 K superconductor BaFe $2$ As $2$ . Thermodynamic phase diagram, phase competition, and uniaxial pressure effects in BaFe $2$ As $2$ . | 3.2  | 40        |

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| #   | ARTICLE   | IF   | CITATIONS |
|-----|---|------|-----------|
| 109 | Full-Gap Superconductivity Robust against Disorder in Heavy-Fermion $CeCu_2$ Physical Review Letters, 2017, 119, 077001.  | 7.8  | 35        |
| 110 | Unconventional thermal metallic state of charge-neutral fermions in an insulator. Nature Physics, 2019, 15, 954-959.  | 16.7 | 35        |
| 111 | Magnetic-field penetration depth and the lower critical field of the quasi-two-dimensional superconductor $Bi_2Sr_2CaCu_2O_y$ . Physical Review B, 1992, 46, 14234-14237.<br>Normal-state spin dynamics in the iron-pnictide superconductors $BaFe_2As_2$ | 3.2  | 34        |
| 112 |   |      |           |



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|-----|--|-----|-----------|
| 127 | Photoinduced possible superconducting state with long-lived disproportionate band filling in FeSe. Communications Physics, 2019, 2, Local characterization of superconductivity in $\text{BaFe}_2(\text{As}_{1-x}\text{Px})_2$ . Journal of the Physical Society of Japan, 2012, 81, 033701. | 5.3 | 28        |
| 128 | Non-Fermi liquid transport in the vicinity of the nematic quantum critical point of superconducting $\text{BaFe}_2(\text{As}_{1-x}\text{Px})_2$ . Scientific Reports, 2014, 4, 7292.   | 3.2 | 27        |
| 129 | Anomalous superfluid density in quantum critical superconductors. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3293-3297.   | 7.1 | 26        |
| 130 | Microscopic Evidence of Direct Coupling between Magnetic and Superconducting Order Parameters in $\text{BaFe}_2(\text{As}_{1-x}\text{Px})_2$ . Journal of the Physical Society of Japan, 2012, 81, 033701.   | 1.6 | 25        |
| 131 | Anisotropy of the superconducting gap in the iron-based superconductor $\text{BaFe}_2(\text{As}_{1-x}\text{Px})_2$ . Scientific Reports, 2014, 4, 7292.  | 3.3 | 25        |
| 132 | Non-Fermi liquid transport in the vicinity of the nematic quantum critical point of superconducting $\text{BaFe}_2(\text{As}_{1-x}\text{Px})_2$ . Scientific Reports, 2014, 4, 7292.   | 3.3 | 25        |
| 133 | Electron irradiation of Co, Ni, and P-doped $\text{BaFe}_2\text{As}_2$ type iron-based superconductors. Journal of Physics: Conference Series, 2013, 449, 012023.  | 0.4 | 24        |
| 134 | Magnetotransport study of the pressure-induced antiferromagnetic phase in FeSe. Physical Review B, 2016, 93, .   | 3.2 | 24        |
| 135 | Temperature dependence of anisotropic penetration depth in under- and overdoped $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+y}$ . Physica C: Superconductivity and Its Applications, 1996, 264, 227-232.   | 1.2 | 23        |
| 136 | Broken symmetries in $\text{URu}_2\text{Si}_2$ . Philosophical Magazine, 2014, 94, 3747-3759.  | 1.6 | 23        |
| 137 | Enhancement of critical current density and mechanism of vortex pinning in H <sup>+</sup> -irradiated FeSe single crystal. Applied Physics Express, 2015, 8, 113102.   | 2.4 | 23        |
| 138 | Quasiparticle Excitations in the Superconducting State of FeSe Probed by Thermal Hall Conductivity in the Vicinity of the BCS-BEC Crossover. Journal of the Physical Society of Japan, 2017, 86, 014707.   | 1.6 | 23        |
| 139 | Tetragonal-to-Orthorhombic Transition and Disappearance of Superconductivity in the Pb-Doped $\text{Bi}_2\text{Sr}_2\text{CuO}_y$ System. Japanese Journal of Applied Physics, 1989, 28, L1549-L1551.  | 1.5 | 22        |
| 140 | Vortex phase transition with decoupling of the adjacent layers in the organic superconductor $(\text{BEDT-TTF})_2\text{Cu}[\text{N}(\text{CN})_2]\text{Br}$ . Physical Review B, 1998, 57, R5622-R5625.  | 3.2 | 22        |
| 141 | Evidence for Universal Signatures of Zeeman-Splitting-Limited Pseudogaps in Superconducting Electron- and Hole-Doped Cuprates. Physical Review Letters, 2005, 95, 017001.  | 7.8 | 22        |
| 142 | Infrared pseudogap in cuprate and pnictide high-temperature superconductors. Physical Review B, 2014, 90, .  | 3.2 | 21        |
| 143 | Asymmetric Field Profile in Bose Glass Phase of Irradiated $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ : Loss of Interlayer Coherence around $1/3$ of Matching Field. Physical Review Letters, 2001, 86, 5144-5147.  | 7.8 | 20        |
| 144 | FFLO state in thin superconducting films. Europhysics Letters, 2007, 80, 67004.  | 2.0 | 20        |

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|-----|---|------|-----------|
| 145 | Thermal Transport Studies on Two-Dimensional Quantum Spin Liquids. ChemPhysChem, 2012, 13, 74-78.   | 2.1  | 20        |
| 146 | Impact of Disorder on the Superconducting Phase Diagram in $\text{BaFe}_2(\text{As}_{1-x}\text{P}_x)_2$ . Journal of the Physical Society of Japan, 2017, 86, 083706.   | 1.6  | 20        |
| 147 | Presence and absence of itinerant gapless excitations in the quantum spin liquid candidate $\text{EtMe}_3\text{Sb}[\text{Pd}(\text{dmit})_2]_2$ . Physical Review B, 2020, 101, .   | 3.2  | 20        |
| 148 | Strong suppression of superconductivity by divalent ytterbium Kondo holes in $\text{CeCoIn}_5$ . Physical Review B, 2012, 86, .   | 3.2  | 19        |
| 149 | Emergent exotic superconductivity in artificially engineered tricolor Kondo superlattices. Physical Review B, 2017, 96, .   | 3.2  | 19        |
| 150 | Ultrafast nematic-orbital excitation in FeSe. Nature Communications, 2019, 10, 1946.  | 12.8 | 19        |
| 151 | Penetration depth, lower critical fields, and quasiparticle conductivity in Fe-arsenide superconductors. Physica C: Superconductivity and Its Applications, 2009, 469, 590-598.<br>Interplane resistivity of isovalent doped $\text{BaFe}_2(\text{As}_{1-x}\text{P}_x)_2$ | 1.2  | 18        |
| 152 |   |      |           |

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|-----|--|----|-----------|
| 163 | Bond Directional Anapole Order in a Spin-Orbit Coupled Mott Insulator $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle mml:mrow \langle mml:mrow \langle mml:msub \langle mml:mrow \langle mml:mi \rangle Sr \langle /mml:mi \rangle \langle /mml:mrow \rangle \langle mml:mrow \rangle \langle mml:mn \rangle 2 \langle /mml:mn \rangle \langle /mml:mrow \rangle \langle /mml:msub \rangle \langle /mml:mrow \rangle \langle /mml:mrow \rangle \langle /mml:math \rangle$ |    |           |

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|-----|---|-----|-----------|
| 181 | Description of Resonant Inelastic X-Ray Scattering in Correlated Metals. Physical Review X, 2021, 11, .   | 8.9 | 12        |
| 182 | Evidence for planar pinning in heavily Pb-substituted Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+y</sub> single crystals. Physical Review B, 1999, 60, R9951-R9954.   | 3.2 | 11        |
| 183 | Quasiparticle Nodal Plane in the Fulde-Ferrell-Larkin-Ovchinnikov State of FeSe. Physical Review Letters, 2021, 127, 257001.  | 7.8 | 11        |
| 184 | Vortex correlations in the liquid states of Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+y</sub> with tilted columnar defects. Physical Review B, 2005, 72, .   | 3.2 | 10        |
| 185 | Diamagnetic vortex barrier stripes in underdoped BaFe <sub>2</sub> As <sub>2</sub> . Physical Review B, 2016, 94, .   | 3.2 | 10        |
| 186 | Tuning the Pairing Interaction in a d-Wave Superconductor by Paramagnons Injected through Interfaces. Physical Review Letters, 2018, 120, 187002.   | 7.8 | 10        |
| 187 | <sup>77</sup> Se-NMR Study under Pressure on 12%-S Doped FeSe. Journal of the Physical Society of Japan, 2019, 88, 033703.  | 1.6 | 10        |
| 188 | Peak effects in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+y</sub> and Tl <sub>2</sub> Ba <sub>2</sub> CaCu <sub>2</sub> O <sub>8+y</sub> single crystals. Physica C: Superconductivity and Its Applications, 1994, 235-240, 2817-2818. | 1.2 | 9         |
| 189 | Anomalous Flux Line Lattice in CeCoIn <sub>5</sub> . Journal of the Physical Society of Japan, 2008, 77, 023702.  | 1.6 | 9         |
| 190 | Thermodynamic evidence for broken fourfold rotational symmetry in the hidden-order phase of URu <sub>2</sub> Si <sub>2</sub> . Physica C: Superconductivity and Its Applications, 2012, 481, 229-234.   | 1.2 | 9         |
| 191 | Rigid platform for applying large tunable strains to mechanically delicate samples. Review of Scientific Instruments, 2020, 91, 083902.   | 1.3 | 9         |
| 192 | Putative Hall response of the strange metal component in FeSe <sub>S</sub> x. Physical Review Research, 2021, 3, .  | 3.6 | 9         |
| 193 | Tuning the Parity Mixing of Singlet-Septet Pairing in a Half-Heusler Superconductor. Physical Review X, 2021, 11, .   | 8.9 | 9         |
| 194 | Pseudogap in electron-doped superconducting Sm <sub>2-x</sub> Ce <sub>x</sub> CuO <sub>4</sub> by interlayer magnetotransport. Physical Review B, 2006, 74, .   | 3.2 | 8         |
| 195 | Angle-resolved photoemission study on the superconducting iron-pnictides of BaFe <sub>2</sub> (As,P) <sub>2</sub> with low energy photons. Solid State Communications, 2012, 152, 695-700.  | 1.9 | 8         |
| 196 | Terahertz Conductivity of the Heavy-Fermion State in CeCoIn <sub>5</sub> . Journal of the Physical Society of Japan, 2013, 82, 043712.  | 1.6 | 8         |
| 197 | Optical conductivity evidence of clean-limit superconductivity in LiFeAs. Physical Review B, 2015, 91, .  | 3.2 | 8         |
| 198 | Direct Evidence for the Existence of Heavy Quasiparticles in the Magnetically Ordered Phase of CeRhIn <sub>5</sub> . Journal of the Physical Society of Japan, 2019, 88, 014706.  | 1.6 | 8         |

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|-----|--|------|-----------|
| 199 | Quadrupolar charge dynamics in the nonmagnetic FeSe $1\hat{a}^{\prime}$ S superconductors. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .   | 7.1  | 8         |
| 200 | Identification of a Kitaev quantum spin liquid by magnetic field angle dependence. Nature Communications, 2022, 13, 323.   | 12.8 | 8         |
| 201 | Dimensional crossover of quantum collective creep in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+y</sub> . European Physical Journal D, 1996, 46, 1733-1734.  | 0.4  | 7         |
| 202 | Suppression of anharmonic phonons and $s$ -wave superconductivity by defects in the filled skutterudite $\text{LaRu}_{4-x}\text{Mn}_x$ . Physical Review Research, 2020, 2, .  | 3.6  | 7         |
| 203 | Microwave response of Josephson plasma in the mixed state of $\text{-(BEDT-TTF)}_2\text{Cu(NCS)}_2$ . Journal of Low Temperature Physics, 1996, 105, 1715-1720.  | 1.4  | 6         |
| 204 | Strong reduction of quasiparticle scattering rate with gap formation in CeNiSn. Physical Review B, 1997, 56, 8277-8281.  | 3.2  | 6         |
| 205 | Observation of the plasma resonance across the Josephson-coupled layers in the mixed state of organic superconductors. Physica C: Superconductivity and Its Applications, 1997, 293, 73-76.  | 1.2  | 6         |
| 206 | Vortex lattice melting and the peak effect in oblique field in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+y</sub> . Physica C: Superconductivity and Its Applications, 1997, 282-287, 1965-1966.                       | 1.2  | 6         |
| 207 | Dynamic Coupling-Decoupling Crossover in the Current-Driven Vortex State in $\text{Ti}_2\text{Ba}_2\text{CaCu}_2\text{O}_8$ Probed by the Josephson Plasma Resonance. Physical Review Letters, 2006, 97, 237001.                       | 7.8  | 6         |
| 208 | C-axis tunneling in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+<math>\hat{t}</math></sub> in the magnetic field up to 60 T. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1511-1514.               | 1.2  | 5         |
| 209 | Evidence for Fully Gapped Superconductivity from Microwave Penetration Depth Measurements in PrFeAsO <sub>1-y</sub> Single Crystals. Journal of the Physical Society of Japan, 2008, 77, 145-146.                                      | 1.6  | 5         |
| 210 | Fermi surface of $\text{IrTe}_2$ in the valence-bond state as determined by quantum oscillations. Physical Review B, 2015, 91, .   | 3.2  | 5         |
| 211 | Pressure-induced reconstitution of Fermi surfaces and spin fluctuations in S-substituted FeSe. Scientific Reports, 2021, 11, 17265.  | 3.3  | 5         |
| 212 | Charge-neutral fermions and magnetic field-driven instability in insulating Yb <sub>1/3</sub> Si <sub>7</sub> . Nature Communications, 2022, 13, 394.  | 12.8 | 5         |
| 213 | Resistivity and thermal conductivity of an organic insulator $\hat{t}^2\hat{a}^2\hat{e}^{\prime}\text{EtMe}_3\text{Sb}[\text{Pd}(\text{dmit})_2]_2$ . Scientific Reports, 2022, 12, .  | 3.3  | 5         |
| 214 | Out-of-plane quasiparticle dynamics of the cuprate superconductors below $T_c$ in microwave region. Journal of Low Temperature Physics, 1996, 105, 323-328.  | 1.4  | 4         |
| 215 | Pairing and vortex states in Sr <sub>2</sub> RuO <sub>4</sub> studied by Hall probe magnetometry. Physica B: Condensed Matter, 2000, 284-288, 543-544.   | 2.7  | 4         |
| 216 | Neutron diffraction studies on heavy fermion superconducting and antiferromagnetic compounds CeRh <sub>1-x</sub> Co <sub>x</sub> In <sub>5</sub> . Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 1076-1081. | 1.8  | 4         |

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|-----|---|-----|-----------|
| 217 | Modification of magnetic fluctuations by interfacial interactions in artificially engineered heavy-fermion superlattices. <i>Physical Review B</i> , 2019, 99, .  | 3.2 | 4         |
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