

Taichi Terashima

List of Publications by Citations

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239
papers

5,119
citations

34
h-index

63
g-index

250
ext. papers

5,572
ext. citations

3.5
avg. IF

4.88
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 239 | Magnetic-field-induced superconductivity in a two-dimensional organic conductor. <i>Nature</i> , 2001 , 410, 908-10 | 50.4 | 568 |
| 238 | Pressure-induced superconductivity in noncentrosymmetric heavy-fermion CeRhSi ₃ . <i>Physical Review Letters</i> , 2005 , 95, 247004 | 7.4 | 397 |
| 237 | Field-induced superconducting phase of FeSe in the BCS-BEC cross-over. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 16309-13 | 11.5 | 244 |
| 236 | Extremely high upper critical magnetic field of the noncentrosymmetric heavy fermion superconductor CeRhSi ₃ . <i>Physical Review Letters</i> , 2007 , 98, 197001 | 7.4 | 136 |
| 235 | Anomalous Fermi surface in FeSe seen by Shubnikov-de Haas oscillation measurements. <i>Physical Review B</i> , 2014 , 90, | 3.3 | 135 |
| 234 | Vortex dynamics and the Fulde-Ferrell-Larkin-Ovchinnikov state in a magnetic-field-induced organic superconductor. <i>Physical Review Letters</i> , 2006 , 97, 157001 | 7.4 | 124 |
| 233 | Gapless quantum spin liquid in an organic spin-1/2 triangular-lattice $\text{H}_3(\text{Cat-EDT-TTF})_2$. <i>Physical Review Letters</i> , 2014 , 112, 177201 | 7.4 | 109 |
| 232 | EuFe ₂ As ₂ under High Pressure: An Antiferromagnetic Bulk Superconductor. <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 083701 | 1.5 | 103 |
| 231 | Fermi Surface and Mass Enhancement in KFe ₂ As ₂ from de Haas-van Alphen Effect Measurements. <i>Journal of the Physical Society of Japan</i> , 2010 , 79, 053702 | 1.5 | 90 |
| 230 | dHVA Effect Study of Metamagnetic Transition in CeRu ₂ Si ₂ II - The State above the Metamagnetic Transition. <i>Journal of the Physical Society of Japan</i> , 1996 , 65, 515-524 | 1.5 | 87 |
| 229 | Pressure-Induced Antiferromagnetic Transition and Phase Diagram in FeSe. <i>Journal of the Physical Society of Japan</i> , 2015 , 84, 063701 | 1.5 | 82 |
| 228 | Resistivity and Upper Critical Field in KFe ₂ As ₂ Single Crystals. <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 063702 | 1.5 | 80 |
| 227 | Complete Fermi surface in BaFe ₂ As ₂ observed via Shubnikov-de Haas oscillation measurements on detwinned single crystals. <i>Physical Review Letters</i> , 2011 , 107, 176402 | 7.4 | 74 |
| 226 | Small superconducting gap on part of the Fermi surface of YNi ₂ B ₂ C from the de Haas-van Alphen effect. <i>Physical Review B</i> , 1997 , 56, 5120-5123 | 3.3 | 74 |
| 225 | Magnetic-field-induced superconductivity in the antiferromagnetic organic superconductor $\text{[BETS]}_2\text{FeBr}_4$. <i>Physical Review B</i> , 2004 , 70, | 3.3 | 67 |
| 224 | Normal-state Hall Angle and Magnetoresistance in Quasi-2D Heavy Fermion CeCoIn ₅ near a Quantum Critical Point. <i>Journal of the Physical Society of Japan</i> , 2004 , 73, 5-8 | 1.5 | 65 |
| 223 | Evolution of quasiparticle properties in UGe ₂ with hydrostatic pressure studied via the de Haas-van Alphen effect. <i>Physical Review Letters</i> , 2001 , 87, 166401 | 7.4 | 59 |

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| 222 | Novel Pauli-paramagnetic quantum phase in a Mott insulator. <i>Nature Communications</i> , 2012 , 3, 1090 | 17.4 | 54 |
| 221 | Heavy Fermions in YbAl ₃ Studied by the de Haas-van Alphen Effect. <i>Journal of the Physical Society of Japan</i> , 2000 , 69, 895-899 | 1.5 | 50 |
| 220 | Coexistence of one- and three-dimensional Fermi surfaces and heavy cyclotron mass in the molecular conductor (DMe-DCNQI) ₂ Cu. <i>Physical Review B</i> , 1994 , 50, 15597-15601 | 3.3 | 50 |
| 219 | De Hass - van Alphen oscillations in the normal and superconducting states of the boro-carbide superconductor YNi ₂ B ₂ C. <i>Solid State Communications</i> , 1995 , 96, 459-463 | 1.6 | 49 |
| 218 | Fermi surface in KFe ₂ As ₂ determined via de Haas-van Alphen oscillation measurements. <i>Physical Review B</i> , 2013 , 87, | 3.3 | 47 |
| 217 | Global Phase Diagram of the Magnetic Field-Induced Organic Superconductors [(BETS) ₂ FexGa _{1-x} Cl ₄]. <i>Journal of the Physical Society of Japan</i> , 2003 , 72, 369-373 | 1.5 | 47 |
| 216 | Determination of the Upper Critical Field of a Single Crystal LiFeAs: The Magnetic Torque Study up to 35 Tesla. <i>Journal of the Physical Society of Japan</i> , 2011 , 80, 013706 | 1.5 | 45 |
| 215 | Discovery of Superconductivity in 2M WS with Possible Topological Surface States. <i>Advanced Materials</i> , 2019 , 31, e1901942 | 24 | 44 |
| 214 | Current-voltage characteristics of charge-ordered organic crystals. <i>Physical Review Letters</i> , 2006 , 96, 136602 | 7.4 | 43 |
| 213 | Phase diagram of pressure-induced superconductivity in EuFe ₂ As ₂ probed by high-pressure resistivity up to 3.2 GPa. <i>Physical Review B</i> , 2011 , 83, | 3.3 | 41 |
| 212 | de Haas-van Alphen effect in ZrZn ₂ under pressure: crossover between two magnetic states. <i>Physical Review Letters</i> , 2004 , 92, 197002 | 7.4 | 41 |
| 211 | Fermi surface and internal magnetic field of the organic conductors [(BETS) ₂ FexGa _{1-x} Cl ₄]. <i>Physical Review B</i> , 2002 , 65, | 3.3 | 40 |
| 210 | Bulk quantum Hall effect in Mo ₄ O ₁₁ . <i>Physical Review B</i> , 1998 , 58, 10778-10783 | 3.3 | 38 |
| 209 | Fermi surface studies in the magnetic-field-induced superconductor [(BETS) ₂ FeCl ₄]. <i>Physical Review B</i> , 2001 , 64, | 3.3 | 37 |
| 208 | Fermi surface in LaRhSi ₃ and CeRhSi ₃ . <i>Physical Review B</i> , 2008 , 78, | 3.3 | 36 |
| 207 | Interplanar coupling-dependent magnetoresistivity in high-purity layered metals. <i>Nature Communications</i> , 2016 , 7, 10903 | 17.4 | 36 |
| 206 | Fermi surface reconstruction in FeSe under high pressure. <i>Physical Review B</i> , 2016 , 93, | 3.3 | 34 |
| 205 | Magnetic torque studies on FFLO phase in magnetic-field-induced organic superconductor [(BETS) ₂ FeCl ₄]. <i>Physical Review B</i> , 2012 , 85, | 3.3 | 34 |

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|-----|--|------|----|
| 204 | Rapid oscillations in the organic conductor (TMTSF) ₂ ClO ₄ . <i>Physical Review B</i> , 1996 , 53, 14399-14405 | 3.3 | 34 |
| 203 | Two-dimensional Fermi surface for the organic conductor κ (BETS) ₂ FeBr ₄ . <i>Physica B: Condensed Matter</i> , 2001 , 298, 557-561 | 2.8 | 33 |
| 202 | Electrical Transport Properties of Incommensurate Layer Compounds (RE) _x NbS ₂ (RE=Rare-Earth Metals; x=1.2, 0.6). <i>Journal of the Physical Society of Japan</i> , 1994 , 63, 658-673 | 1.5 | 30 |
| 201 | Searching for Gap Zeros in Sr ₂ RuO ₄ via Field-Angle-Dependent Specific-Heat Measurement. <i>Journal of the Physical Society of Japan</i> , 2018 , 87, 093703 | 1.5 | 30 |
| 200 | Evolution of spin and field dependences of the effective mass with pressure in CeIn(3). <i>Physical Review Letters</i> , 2004 , 93, 247003 | 7.4 | 29 |
| 199 | Single-crystal growth and de Haas-van Alphen effect of YbAl ₃ . <i>Physica B: Condensed Matter</i> , 2000 , 281-282, 754-755 | 2.8 | 29 |
| 198 | Fermi-surface studies in the two-dimensional organic conductors (BEDT-TTF) ₂ MHg(SCN) ₄ (M=TI,K,Rb,NH ₄). <i>Physical Review B</i> , 1996 , 54, 9332-9340 | 3.3 | 29 |
| 197 | Large and significantly anisotropic critical current density induced by planar defects in CaKFe ₄ As ₄ single crystals. <i>Physical Review B</i> , 2019 , 99, | 3.3 | 28 |
| 196 | Fermi surface and superconductivity in noncentrosymmetric CeRhSi ₃ . <i>Physical Review B</i> , 2007 , 76, | 3.3 | 28 |
| 195 | Incommensurate anion potential effect on the electronic states of the organic superconductor (MDT-TSF) (AuI ₂) _{0.436} . <i>Physical Review B</i> , 2003 , 67, | 3.3 | 26 |
| 194 | Magnetic Properties of Incommensurate Layer Compounds, (CeS) _{1.2} NbS ₂ and (CeS) _{0.6} NbS ₂ . <i>Journal of the Physical Society of Japan</i> , 1992 , 61, 3303-3312 | 1.5 | 26 |
| 193 | Quantum criticality in an organic spin-liquid insulator κ (BEDT-TTF)Cu(CN). <i>Nature Communications</i> , 2016 , 7, 13494 | 17.4 | 26 |
| 192 | Three-dimensional fermi surface in κ (BEDT-TTF) ₂ I ₃ . <i>Solid State Communications</i> , 1994 , 91, 595-598 | 1.6 | 25 |
| 191 | Highly Anisotropic Pressure Dependence of the Fermi Surface of CeSb. <i>Physical Review Letters</i> , 1997 , 78, 1948-1951 | 7.4 | 24 |
| 190 | Large positive magnetoresistance of insulating organic crystals in the non-ohmic region. <i>Physical Review Letters</i> , 2007 , 98, 116602 | 7.4 | 24 |
| 189 | New Features of the Metamagnetic Transition in CeRu ₂ Si ₂ from the dHvA Effect Study under High Pressure. <i>Journal of the Physical Society of Japan</i> , 2001 , 70, 774-783 | 1.5 | 24 |
| 188 | Fermi surfaces of LaRhSi ₃ and CeRhSi ₃ . <i>Physica B: Condensed Matter</i> , 2001 , 294-295, 280-283 | 2.8 | 24 |
| 187 | Magnetic phase diagram and the pressure and field dependence of the Fermi surface in UGe ₂ . <i>Physical Review B</i> , 2002 , 65, | 3.3 | 24 |

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| 186 | Two distinct superconducting states in KFe ₂ As ₂ under high pressure. <i>Physical Review B</i> , 2014 , 89, | 3.3 | 23 |
| 185 | Long-range magnetic ordering of quasi-one-dimensional S=1/2 Heisenberg antiferromagnet Sr ₂ Cu(PO ₄) ₂ . <i>Journal of Solid State Chemistry</i> , 2005 , 178, 3461-3463 | 3.3 | 23 |
| 184 | Hysteretic superconducting resistive transition in Ba _{0.07} K _{0.93} Fe ₂ As ₂ . <i>Physical Review B</i> , 2013 , 87, | 3.3 | 22 |
| 183 | Electronic state anisotropy and the Fermi surface topology of the incommensurate organic superconducting crystal (MDT-TSF)(Aul ₂) _{0.436} . <i>European Physical Journal B</i> , 2003 , 36, 161-167 | 1.2 | 22 |
| 182 | Phase Boundary in a Superconducting State of (BEDT-TTF) ₂ Cu(NCS) ₂ : Evidence of the Fulde-Ferrell-Larkin-Ovchinnikov Phase. <i>Journal of the Physical Society of Japan</i> , 2015 , 84, 034703 | 1.5 | 21 |
| 181 | De Haas-van Alphen effect study of CeRu ₂ Si ₂ . <i>Physica B: Condensed Matter</i> , 1995 , 206-207, 26-28 | 2.8 | 21 |
| 180 | Fulde-Ferrell-Larkin-Ovchinnikov superconductivity in the layered organic superconductor (BEDT-TTF) ₄ [(H ₃ O)Ga(C ₂ O ₄) ₃]C ₆ H ₅ NO ₂ . <i>Physical Review B</i> , 2018 , 97, | 3.3 | 20 |
| 179 | Magnetotransport study of the pressure-induced antiferromagnetic phase in FeSe. <i>Physical Review B</i> , 2016 , 93, | 3.3 | 20 |
| 178 | Vortex Dynamics and Diamagnetic Torque Signals in Two Dimensional Organic Superconductor (BETS) ₂ GaCl ₄ . <i>Journal of the Physical Society of Japan</i> , 2015 , 84, 104709 | 1.5 | 20 |
| 177 | Fermi Surface in BaNi ₂ P ₂ . <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 033706 | 1.5 | 20 |
| 176 | Fermi surface and magnetic properties of CeTe. <i>Physical Review B</i> , 2004 , 70, | 3.3 | 20 |
| 175 | Staging and interlayer interaction in the misfit-layer compounds (RS) _n NbS ₂ (R=La,Ce; n=0.6,1.2) studied by Raman and infrared spectroscopies. <i>Physical Review B</i> , 1994 , 50, 12033-12043 | 3.3 | 20 |
| 174 | Single-Crystal Growth of a Perovskite Ruthenate SrRuO ₃ by the Floating-Zone Method. <i>Crystal Growth and Design</i> , 2015 , 15, 5573-5577 | 3.5 | 18 |
| 173 | Fermi Surface Properties, Metamagnetic Transition and Quantum Phase Transition of CeRu ₂ Si ₂ and Its Alloys Probed by the dHvA Effect. <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 072001 | 1.5 | 18 |
| 172 | Charge transport in charge-ordered layered crystals (BEDT-TTF) ₂ MZn(SCN) ₄ (M=Cs,Rb): Effects of long-range Coulomb interaction and the Pauli exclusion principle. <i>Physical Review B</i> , 2010 , 81, | 3.3 | 18 |
| 171 | Comment on "Quantum criticality and nodal superconductivity in the FeAs-based superconductor KFe ₂ As ₂ ". <i>Physical Review Letters</i> , 2010 , 104, 259701; author reply 259702 | 7.4 | 18 |
| 170 | Magnetotransport Studies of EuFe ₂ As ₂ : The Influence of the Eu ²⁺ Magnetic Moments. <i>Journal of the Physical Society of Japan</i> , 2010 , 79, 103706 | 1.5 | 18 |
| 169 | Fermi surface properties of CeRu ₂ (Si _{1-x} Gex) ₂ in magnetic fields above the metamagnetic transitions. <i>Physical Review Letters</i> , 2008 , 101, 056401 | 7.4 | 18 |

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| 168 | Temperature Dependence of Giant Magnetoresistance in Co/Cu Superlattices. <i>Journal of the Physical Society of Japan</i> , 1994 , 63, 1263-1267 | 1.5 | 18 |
| 167 | Upper critical field of the pressure-induced superconductor EuFe ₂ As ₂ . <i>Physical Review B</i> , 2011 , 83, | 3.3 | 17 |
| 166 | Magnetic Phase Diagram and Fermi Surface Properties of CeRu ₂ (Si _{1-x} Gex) ₂ . <i>Journal of the Physical Society of Japan</i> , 2011 , 80, 074715 | 1.5 | 17 |
| 165 | Superconductivity in 122-type antimonide BaPt ₂ Sb ₂ . <i>Physical Review B</i> , 2015 , 91, | 3.3 | 16 |
| 164 | Fermi Surface with Dirac Fermions in CaFeAsF Determined via Quantum Oscillation Measurements. <i>Physical Review X</i> , 2018 , 8, | 9.1 | 16 |
| 163 | Highly nonlinear current-voltage characteristics of the organic Mott insulator κ (BEDT-TTF) ₂ Cu[N(CN) ₂]Cl. <i>Physical Review B</i> , 2011 , 84, | 3.3 | 16 |
| 162 | Anomalous physical properties of the low carrier concentration state in f-electron systems. <i>Physica B: Condensed Matter</i> , 1995 , 206-207, 771-779 | 2.8 | 16 |
| 161 | Continuous Evolution of Fermi Surface Properties above Metamagnetic Transitions in CexLa _{1-x} Ru ₂ Si ₂ . <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 053703 | 1.5 | 15 |
| 160 | Fermi surface and interlayer transport in high-stage MoCl ₅ graphite intercalation compounds. <i>Physical Review B</i> , 2006 , 73, | 3.3 | 15 |
| 159 | Optical Reflectivity Spectra of Incommensurate Layer Compounds, (CeS) _{1.2} NbS ₂ and (CeS) _{0.6} NbS ₂ . <i>Journal of the Physical Society of Japan</i> , 1993 , 62, 2166-2173 | 1.5 | 15 |
| 158 | Fermi-surface reconstruction in the organic conductor (BEDT-TTF) ₂ THg(SCN) ₄ . <i>Journal of Physics Condensed Matter</i> , 1994 , 6, L539-L547 | 1.8 | 15 |
| 157 | Fermi surface properties of ferromagnetic CeRu ₂ Ge ₂ . <i>Physica B: Condensed Matter</i> , 1997 , 237-238, 210-218 | 1.8 | 14 |
| 156 | Fermi surface and resistance anomalies in ET-TCNQ. <i>Synthetic Metals</i> , 2003 , 135-136, 647-648 | 3.6 | 14 |
| 155 | Fermi surface and angular-dependent magnetoresistance in the organic conductor (BEDT-TTF) ₂ Br(DIA). <i>Physical Review B</i> , 2003 , 68, | 3.3 | 14 |
| 154 | Fermi surface reconstruction in the magnetic-field-induced superconductor κ (BETS) ₂ FeBr ₄ . <i>Physical Review B</i> , 2005 , 72, | 3.3 | 14 |
| 153 | Resistivity, Hall effect, and Shubnikov-de Haas oscillations in CeNiSn. <i>Physical Review B</i> , 2002 , 66, | 3.3 | 14 |
| 152 | Orbital Effect on FFLO Phase and Energy Dissipation due to Vortex Dynamics in Magnetic-Field-Induced Superconductor κ (BETS) ₂ FeCl ₄ . <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 034715 | 1.5 | 14 |
| 151 | Evolution of superconductivity from a charge-density-wave ground state in pressurized (Per) ₂ [Au(mnt) ₂]. <i>Europhysics Letters</i> , 2009 , 85, 27009 | 1.6 | 13 |

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| 150 | Charge Transport in Charge-Ordered States of Two-Dimensional Organic Conductors, β (BEDT-TTF) ₂ I ₃ and β (BEDT-TTF) ₂ Br ₂ . <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 044703 | 1.5 | 13 |
| 149 | Fluctuating superconductivity in the strongly correlated two-dimensional organic superconductor β (BEDT-TTF) ₂ Cu(NCS) ₂ in an in-plane magnetic field. <i>Physical Review B</i> , 2012 , 85, | 3.3 | 13 |
| 148 | Heavy fermions survive the metamagnetic transition in UPd ₂ Al ₃ . <i>Physical Review B</i> , 1997 , 55, R13369-R13372 | 3.3 | 13 |
| 147 | Formation of a chiral surface state and interlayer conduction in a bulk quantum Hall system. <i>Physical Review B</i> , 1999 , 60, 1650-1653 | 3.3 | 13 |
| 146 | Quasi-two-dimensional Fermi surfaces and coherent interlayer transport in KFeAs ₂ . <i>Physical Review Letters</i> , 2010 , 105, 246403 | 7.4 | 12 |
| 145 | Interplay between magnetism and conductivity in the one-dimensional organic conductor TPP[Fe(Pc)(CN) ₂] ₂ . <i>Physical Review B</i> , 2009 , 80, | 3.3 | 12 |
| 144 | Anisotropic Josephson-vortex dynamics in layered organic superconductors. <i>Physica B: Condensed Matter</i> , 2010 , 405, S288-S290 | 2.8 | 12 |
| 143 | Antiferromagnetic ordering of the incommensurate organic superconductor (MDT-TS)(AuI ₂) _{0.441} with a high spin-flop field. <i>Physical Review B</i> , 2008 , 77, | 3.3 | 12 |
| 142 | De Haas-van Alphen effect in CeP. <i>Physica B: Condensed Matter</i> , 1995 , 206-207, 792-794 | 2.8 | 12 |
| 141 | Anisotropic Hc ₂ , shubnikov de haas, and angular dependent magnetoresistance in the organic superconductor α -(BEDT-TTF) ₂ MHg(SCN) ₄ . <i>Synthetic Metals</i> , 1995 , 70, 839-840 | 3.6 | 12 |
| 140 | Fulde-Ferrell-Larkin-Ovchinnikov and vortex phases in a layered organic superconductor. <i>Npj Quantum Materials</i> , 2019 , 4, | 5 | 11 |
| 139 | Spin-lattice decoupling in a triangular-lattice quantum spin liquid. <i>Nature Communications</i> , 2018 , 9, 150917.4 | 17.4 | 11 |
| 138 | Fermi surface in the superconducting pyrochlore oxide CsOs ₂ O ₆ . <i>Physical Review B</i> , 2008 , 77, | 3.3 | 11 |
| 137 | Fermi surface of the organic superconductor (MDTBT)(I ₃) _{0.417} reconstructed by incommensurate potential. <i>Physical Review B</i> , 2006 , 73, | 3.3 | 11 |
| 136 | Systematic composition dependence in YbCu _{5-x} Aux from dense Kondo to antiferromagnetic system through quantum critical point around x=0.20.4. <i>Journal of Alloys and Compounds</i> , 2001 , 317-318, 465-469 | 5.7 | 11 |
| 135 | Reexamination of angle dependent magnetoresistance oscillation in β (BEDT-TTF) ₂ I ₃ . <i>Synthetic Metals</i> , 1995 , 70, 845-846 | 3.6 | 11 |
| 134 | Absence of superconductivity in the collapsed tetragonal phase of KFe ₂ As ₂ under hydrostatic pressure. <i>Physical Review B</i> , 2016 , 94, | 3.3 | 10 |
| 133 | Pressure-induced superconductivity in EuFe ₂ As ₂ without a quantum critical point: Magnetotransport and upper critical field measurements under high pressure. <i>Physical Review B</i> , 2013 , 88, | 3.3 | 10 |

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| 132 | Fluctuating Superconductivity in the Strongly Correlated Organic Superconductor κ -(BEDT-TTF) ₂ Cu[N(CN) ₂]Br. <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 064711 | 1.5 | 10 |
| 131 | Cyclotron resonance and mass enhancement by electron correlation in KFe ₂ As ₂ . <i>Physical Review Letters</i> , 2011 , 107, 166402 | 7.4 | 10 |
| 130 | Fermi surface and interlayer transport in the two-dimensional magnetic organic conductor (Me-3,5-DIP)[Ni(dmit) ₂] ₂ . <i>Physical Review B</i> , 2011 , 83, | 3.3 | 10 |
| 129 | Fermi surface and magnetic phases of the low-carrier-density strongly correlated electron system CeP. <i>Physical Review B</i> , 1997 , 55, 4197-4205 | 3.3 | 10 |
| 128 | Shubnikov-de Haas Effect and Angular-dependent Magnetoresistance in New Layered Organic Conductors ET ₃ Cl(DFBIB) and ET ₃ Br(pBIB). <i>Journal of the Physical Society of Japan</i> , 2005 , 74, 679-685 | 1.5 | 10 |
| 127 | de Haas-van Alphen Effect of CeSb Under Pressure. <i>Journal of the Physical Society of Japan</i> , 1998 , 67, 3859-3866 | 1.5 | 10 |
| 126 | Magnetic specific heat of the incommensurate layer compound (CeS) _{1.2} NbS ₂ . <i>Solid State Communications</i> , 1992 , 84, 963-966 | 1.6 | 10 |
| 125 | Quantum oscillations in diamond field-effect transistors with a h-BN gate dielectric. <i>Physical Review Materials</i> , 2019 , 3, | 3.2 | 10 |
| 124 | Upper critical field and quantum oscillations in tetragonal superconducting FeS. <i>Physical Review B</i> , 2016 , 94, | 3.3 | 10 |
| 123 | Split Fermi Surfaces of the Spin-Orbit-Coupled Metal Cd ₂ Re ₂ O ₇ Probed by de Haas-van Alphen Effect. <i>Journal of the Physical Society of Japan</i> , 2018 , 87, 053702 | 1.5 | 10 |
| 122 | In-Plane Anisotropy of Flux-Flow Resistivity in Layered Organic Superconductor κ -(BETS) ₂ GaCl ₄ . <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 013705 | 1.5 | 9 |
| 121 | Kosterlitz-Thouless-type transition in a charge ordered state of the layered organic conductor κ -(BEDT-TTF) ₂ I ₃ . <i>Physical Review Letters</i> , 2013 , 110, 196602 | 7.4 | 9 |
| 120 | Delocalization of the f Electron in CexLa _{1-x} Ru ₂ Si ₂ . <i>Journal of the Physical Society of Japan</i> , 2010 , 79, 083706 | 1.5 | 9 |
| 119 | de Haas-van Alphen effect in the mixed state of LuNi ₂ B ₂ C: Anisotropy and field dependence of the damping due to superconductivity. <i>Physical Review B</i> , 2008 , 78, | 3.3 | 9 |
| 118 | Charge transfer degree and superconductivity of the incommensurate organic superconductor (MDTMSF)(I ₃) _{0.422} . <i>Physical Review B</i> , 2006 , 73, | 3.3 | 9 |
| 117 | Magnetic-field and pressure dependence of low-temperature resistivity in UGe ₂ . <i>Physical Review B</i> , 2006 , 73, | 3.3 | 9 |
| 116 | Fermi surface and absence of additional mass enhancement near the insulating phase in (DMe-DCNQI) ₂ Cu. <i>Solid State Communications</i> , 1995 , 93, 203-207 | 1.6 | 9 |
| 115 | In-Plane Anisotropy of Upper Critical Field and Flux-Flow Resistivity in Layered Organic Superconductor κ -(ET) ₂ SF ₅ CH ₂ CF ₂ SO ₃ . <i>Journal of the Physical Society of Japan</i> , 2015 , 84, 094709 | 1.5 | 8 |

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| 114 | Anomalous Behavior of the Upper-Critical-Field in Heavy-Fermion Superconductor CeRhSi ₃ . <i>Journal of the Physical Society of Japan</i> , 2010 , 79, 063701 | 1.5 | 8 |
| 113 | Evolution in Split-Peak Structure across the Peak Effect Region in Single Crystals of 2H-NbSe ₂ . <i>Journal of the Physical Society of Japan</i> , 2006 , 75, 074718 | 1.5 | 8 |
| 112 | Successive metamagnetic transitions and magnetoresistance in the low-carrier-density strongly correlated electron system CeP. <i>Physical Review B</i> , 1998 , 58, 309-313 | 3.3 | 8 |
| 111 | Elastoresistance measurements on CaKFe ₄ As ₄ and KCa ₂ Fe ₄ As ₄ F ₂ with the Fe site of C _{2v} symmetry. <i>Physical Review B</i> , 2020 , 102, | 3.3 | 7 |
| 110 | Quantum vortex melting and phase diagram in the layered organic superconductor κ (BEDT-TTF) ₂ Cu(NCS) ₂ . <i>Physical Review B</i> , 2018 , 97, | 3.3 | 7 |
| 109 | Superconducting subphase in the layered perovskite ruthenate Sr ₂ RuO ₄ in a parallel magnetic field. <i>Physical Review B</i> , 2016 , 93, | 3.3 | 7 |
| 108 | Observation of orbital resonance Hall effect in (TMTSF) ₂ ClO ₄ . <i>Physical Review Letters</i> , 2014 , 112, 116805 | 5.4 | 7 |
| 107 | How Are Heavy and Itinerant Electrons Born in a Dilute Kondo Alloy?. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 054703 | 1.5 | 7 |
| 106 | Anisotropic Josephson-Vortex Dynamics in Layered Organic Superconductor with d-Wave Pairing Symmetry. <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 064716 | 1.5 | 7 |
| 105 | Crystal Structure and Physical Properties of κ System κ (BDH-TTF) ₂ FeBr ₄ . <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 054706 | 1.5 | 7 |
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