

Taichi Terashima

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	de Haas-Landau Alphen Effect in Pressure-Induced Superconductor CrAs. <i>Journal of the Physical Society of Japan</i> , 2021 , 90, 034712	1.5	0
238	Successive Continuous Phase Transitions in Spin-Orbit Coupled Metal Cd ₂ Re ₂ O ₇ . <i>Journal of the Physical Society of Japan</i> , 2021 , 90, 064714	1.5	0
237	Deformed Waveshape of Quantum Oscillation in Magnetocaloric Effect for Layered Organic Superconductor. <i>Journal of the Physical Society of Japan</i> , 2021 , 90, 074601	1.5	1
236	Extraordinary Electron superconductivity emerging from a quantum spin liquid. <i>Physical Review Research</i> , 2021 , 3,	3.9	2
235	Superconductivity of centrosymmetric and non-centrosymmetric phases in antiperovskite (Ca,Sr)Pd ₃ P. <i>Journal of Alloys and Compounds</i> , 2021 , 882, 160733	5.7	2
234	Fermi Surface Structure and Isotropic Stability of Fulde-Ferrell-Larkin-Ovchinnikov Phase in Layered Organic Superconductor β -(BEDT-TTF) ₂ SF ₅ CH ₂ CF ₂ SO ₃ . <i>Crystals</i> , 2021 , 11, 1525	2.3	0
233	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
232	Fragile superheavy Fermi liquid in YbCo ₂ Zn ₂₀ . <i>Physical Review B</i> , 2020 , 101,	3.3	1
231	Real spin and pseudospin topologies in the noncentrosymmetric topological nodal-line semimetal CaAgAs. <i>Physical Review B</i> , 2020 , 101,	3.3	4
230	Coexistence of odd-parity and even-parity order parameters in the multipole order phase of the spin-orbit coupled metal Cd ₂ Re ₂ O ₇ . <i>Physical Review B</i> , 2020 , 101,	3.3	4
229	Fermi surface of PtCoO ₂ from quantum oscillations and electronic structure calculations. <i>Physical Review B</i> , 2020 , 101,	3.3	5
228	Concomitance of superconducting spin-orbit scattering length and normal state spin diffusion length in W on (Bi,Sb) ₂ Te ₃ . <i>JPhys Materials</i> , 2020 , 3, 034001	4.2	2
227	Highly Isotropic In-plane Upper Critical Field in the Anisotropic s-Wave Superconductor 2H-NbSe ₂ . <i>Journal of Superconductivity and Novel Magnetism</i> , 2020 , 33, 953-958	1.5	2
226	Magnetoresistance, Hall Effect, and Shubnikov-de Haas Effect in Antiferromagnetic Kondo Semimetal CeRu ₂ Al ₁₀ . <i>Journal of the Physical Society of Japan</i> , 2020 , 89, 114704	1.5	0
225	Quantum Phase Transitions in an Yb-based Semiconductor YbCuS ₂ with an Effective Spin-1/2 Zigzag Chain. <i>Journal of the Physical Society of Japan</i> , 2020 , 89, 093701	1.5	3
224	Anomalous changes of electric quadrupole order at low temperatures in the spin-orbit coupled metal Cd ₂ Re ₂ O ₇ . <i>Physical Review B</i> , 2020 , 102,	3.3	1
223	Structural Phase Transitions and Superconductivity Induced in Antiperovskite Phosphide CaPdP. <i>Inorganic Chemistry</i> , 2020 , 59, 12397-12403	5.1	5

222	Discovery of Superconductivity in 2M WS with Possible Topological Surface States. <i>Advanced Materials</i> , 2019 , 31, e1901942	24	44
221	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
220	Fulde-Ferrell-Larkin-Ovchinnikov and vortex phases in a layered organic superconductor. <i>Npj Quantum Materials</i> , 2019 , 4,	5	11
219	Anomalous peak effect in iron-based superconductors Ba _{1-x} K _x Fe ₂ As ₂ (x = 0.69 and 0.76) for magnetic-field directions close to the ab plane and its possible relation to the spin paramagnetic effect. <i>Physical Review B</i> , 2019 , 99,	3-3	2
218	Accurate determination of the Fermi surface of tetragonal FeS via quantum oscillation measurements and quasiparticle self-consistent GW calculations. <i>Physical Review B</i> , 2019 , 99,	3-3	2
217	Josephson vortex dynamics and Fulde-Ferrell-Larkin-Ovchinnikov superconductivity in the layered organic superconductor κ -(BEDT-TTF) ₂ SF ₅ CH ₂ CF ₂ SO ₃ . <i>Physical Review B</i> , 2019 , 100,	3-3	4
216	Quantum oscillations in diamond field-effect transistors with a h-BN gate dielectric. <i>Physical Review Materials</i> , 2019 , 3,	3-2	10
215	Spin-lattice decoupling in a triangular-lattice quantum spin liquid. <i>Nature Communications</i> , 2018 , 9, 1509	17.4	11
214	Fulde-Ferrell-Larkin-Ovchinnikov superconductivity in the layered organic superconductor κ -(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
213	Magnetocaloric Effect in Layered Organic Conductor κ -(BETS) ₂ FeCl ₄ . <i>Journal of the Physical Society of Japan</i> , 2018 , 87, 044601	1-5	4
212	Fermi Surface with Dirac Fermions in CaFeAsF Determined via Quantum Oscillation Measurements. <i>Physical Review X</i> , 2018 , 8,	9-1	16
211	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
210	Metamagnetic crossover in the quasikagome Ising Kondo-lattice compound CeIrSn. <i>Physical Review B</i> , 2018 , 98,	3-3	5
209	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
208	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
207	Magnetic Torque Studies in Two-Dimensional Organic Conductor κ -(BETS) ₂ FeCl ₄ . <i>Journal of the Physical Society of Japan</i> , 2017 , 86, 014702	1-5	5
206	Internal field effect on vortex states in the layered organic superconductor κ -(BETS) ₂ Fe _{1-x} Ga _x Cl ₄ (x=0.37). <i>Physical Review B</i> , 2017 , 95,	3-3	4
205	Dimensional Crossover and Its Interplay with In-Plane Anisotropy of Upper Critical Field in κ -(BDA-TTP) ₂ SbF ₆ . <i>Journal of the Physical Society of Japan</i> , 2017 , 86, 084704	1-5	3

204	Diamagnetic Torque Signal and Temperature-Dependent Paramagnetism in Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ <i>Journal of the Physical Society of Japan</i> , 2017 , 86, 114711	1.5	
203	Smell Sensors are Useful for Detecting de Haas–van Alphen Oscillations. <i>JPSJ News and Comments</i> , 2017 , 14, 06	0.1	1
202	Shubnikov–de Haas Effect and Angular-Dependent Magnetoresistance in Layered Organic Conductor β -(ET)(TCNQ). <i>Journal of the Physical Society of Japan</i> , 2016 , 85, 084701	1.5	
201	Fermi surface reconstruction in FeSe under high pressure. <i>Physical Review B</i> , 2016 , 93,	3.3	34
200	Magnetotransport study of the pressure-induced antiferromagnetic phase in FeSe. <i>Physical Review B</i> , 2016 , 93,	3.3	20
199	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
198	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
197	Quantum criticality in an organic spin-liquid insulator β (BEDT-TTF)Cu(CN). <i>Nature Communications</i> , 2016 , 7, 13494	17.4	26
196	Interplanar coupling-dependent magnetoresistivity in high-purity layered metals. <i>Nature Communications</i> , 2016 , 7, 10903	17.4	36
195	Upper critical field and quantum oscillations in tetragonal superconducting FeS. <i>Physical Review B</i> , 2016 , 94,	3.3	10
194	Superconductivity in 122-type antimonide BaPt ₂ Sb ₂ . <i>Physical Review B</i> , 2015 , 91,	3.3	16
193	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
192	Pressure-Induced Antiferromagnetic Transition and Phase Diagram in FeSe. <i>Journal of the Physical Society of Japan</i> , 2015 , 84, 063701	1.5	82
191	Phase Boundary in a Superconducting State of β (BEDT-TTF) ₂ Cu(NCS) ₂ : Evidence of the Fulde–Ferrell–Larkin–Vchinnikov Phase. <i>Journal of the Physical Society of Japan</i> , 2015 , 84, 034703	1.5	21
190	In-Plane Anisotropy of Upper Critical Field and Flux-Flow Resistivity in Layered Organic Superconductor β -(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
189	Vortex Dynamics and Diamagnetic Torque Signals in Two Dimensional Organic Superconductor β (BETS) ₂ GaCl ₄ . <i>Journal of the Physical Society of Japan</i> , 2015 , 84, 104709	1.5	20
188	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
187	Observation of orbital resonance Hall effect in (TMTSF) ₂ ClO ₄ . <i>Physical Review Letters</i> , 2014 , 112, 116805.4	7.4	7

186	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
185	Magnetic Torque Studies of β System β (BDH-TTP) ₂ FeX ₄ (X = Br, Cl). <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 023704	1.5	3
184	In-Plane Anisotropy of Flux-Flow Resistivity in Layered Organic Superconductor β (BETS) ₂ GaCl ₄ . <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 013705	1.5	9
183	Gapless quantum spin liquid in an organic spin-1/2 triangular-lattice β H ₃ (Cat-EDT-TTF) ₂ . <i>Physical Review Letters</i> , 2014 , 112, 177201	7.4	109
182	Anomalous Fermi surface in FeSe seen by Shubnikov-de Haas oscillation measurements. <i>Physical Review B</i> , 2014 , 90,	3.3	135
181	Two distinct superconducting states in KFe ₂ As ₂ under high pressure. <i>Physical Review B</i> , 2014 , 89,	3.3	23
180	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
179	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
178	Magnetic and Transport Properties of β System β (BDH-TTP) ₂ FeCl ₄ . <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 124709	1.5	4
177	Kosterlitz-Thouless-type transition in a charge ordered state of the layered organic conductor β (BEDT-TTF) ₂ I ₃ . <i>Physical Review Letters</i> , 2013 , 110, 196602	7.4	9
176	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
175	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
174	Fluctuating Superconductivity in the Strongly Correlated Organic Superconductor β (BEDT-TTF) ₂ Cu[N(CN) ₂]Br. <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 064711	1.5	10
173	Fermi Surface of the Dual-Layered Organic Superconductor β ₂ -(BEDT-TTF) ₂ Ag(CF ₃) ₄ (TCE) with Acentric Charge-Ordered Layers. <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 024704	1.5	2
172	Crystal Structure and Physical Properties of β System β (BDH-TTP) ₂ FeBr ₄ . <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 054706	1.5	7
171	Quantum oscillations in iron-based superconductors: BaFe ₂ As ₂ vs. KFe ₂ As ₂ . <i>Journal of Physics: Conference Series</i> , 2013 , 449, 012022	0.3	1
170	Orbital Effect on FFLO Phase and Energy Dissipation due to Vortex Dynamics in Magnetic-Field-Induced Superconductor β (BETS) ₂ FeCl ₄ . <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 034715	1.5	14
169	Characterization of the Mysterious High Field Ordered Phase around H [111] and Finding of a New Phase Boundary in PrFe ₄ P ₁₂ . <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 084703	1.5	2

168	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
167	Novel Pauli-paramagnetic quantum phase in a Mott insulator. <i>Nature Communications</i> , 2012 , 3, 1090	17.4	54
166	Magnetic field effect on charge transport in β system (EDT-TTFVO) $_2$ FeBr $_4$. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2012 , 9, 1202-1204		
165	Large and homogeneous mass enhancement in the rattling-induced superconductor KOs $_2$ O $_6$. <i>Physical Review B</i> , 2012 , 85,	3.3	3
164	Charge Transport in Charge-Ordered States of Two-Dimensional Organic Conductors, β (BEDT-TTF) $_2$ I $_3$ and β (BEDT-TTF) $_2$ IBr $_2$. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 044703	1.5	13
163	Magnetic torque studies on FFLO phase in magnetic-field-induced organic superconductor β (BETS) $_2$ FeCl $_4$. <i>Physical Review B</i> , 2012 , 85,	3.3	34
162	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
161	Two-dimensional superconductivity in the layered organic superconductor β (DMEDO-TSeF) $_2$ [Au(CN) $_4$](THF) with thick dielectric insulating layers. <i>Physical Review B</i> , 2012 , 85,	3.3	2
160	Small Fermi Pocket in Layered Organic Superconductor β (BDA-TTP) $_2$ SbF $_6$. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 035006	1.5	3
159	Effects of Pressure and Magnetic Field on the Pressure-Induced Superconductivity in EuFe $_2$ As $_2$. <i>Journal of Physics: Conference Series</i> , 2012 , 391, 012132	0.3	1
158	Upper Critical Field of the Stoichiometric Fe-based Superconductor LiFeAs. <i>Journal of Physics: Conference Series</i> , 2012 , 391, 012133	0.3	
157	Cyclotron resonance and mass enhancement by electron correlation in KFe $_2$ As $_2$. <i>Physical Review Letters</i> , 2011 , 107, 166402	7.4	10
156	High-Pressure Electrical Resistivity Measurements of EuFe $_2$ As $_2$ Single Crystals. <i>Journal of Physics: Conference Series</i> , 2011 , 273, 012098	0.3	6
155	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
154	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
153	Highly nonlinear current-voltage characteristics of the organic Mott insulator β (BEDT-TTF) $_2$ Cu[N(CN) $_2$]Cl. <i>Physical Review B</i> , 2011 , 84,	3.3	16
152	Upper critical field of the pressure-induced superconductor EuFe $_2$ As $_2$. <i>Physical Review B</i> , 2011 , 83,	3.3	17
151	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

150	Disordered polyhalide anion effect on the Fermi surface of the incommensurate organic superconductor (MDT-TSF)I _{0.77} Br _{0.52} . <i>Physical Review B</i> , 2011 , 84,	3.3	1
149	Flow of a single magnetic vortex in a submicron-size superconducting Al disk controlled by radio-frequency currents. <i>Physical Review Letters</i> , 2011 , 107, 077002	7.4	6
148	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
147	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
146	Large energy dissipation due to vortex dynamics in mesoscopic Al disks. <i>Physical Review B</i> , 2010 , 81,	3.3	5
145	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
144	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
143	Quasi-two-dimensional Fermi surfaces and coherent interlayer transport in KFeAs ₂ . <i>Physical Review Letters</i> , 2010 , 105, 246403	7.4	12
142	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
141	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
140	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
139	Upper Critical Field and de Haas-van Alphen Oscillations in KOs ₂ O ₆ Measured in a Hybrid Magnet. <i>Journal of the Physical Society of Japan</i> , 2010 , 79, 083703	1.5	3
138	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
137	Pressure-induced antiferromagnetic bulk superconductor EuFe ₂ As ₂ . <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, S443-S444	1.3	3
136	High Field Magnetoresistance and Magnetic Torque in One-Dimensional Organic Conductor TPP[Fe(Pc)(CN) ₂] ₂ . <i>Journal of Low Temperature Physics</i> , 2010 , 159, 272-275	1.3	2
135	Non-linear current-voltage characteristics in (BEDT-TTF) ₂ I ₃ . <i>Physica B: Condensed Matter</i> , 2010 , 405, S176-S178	2.8	2
134	Novel superconducting properties on noncentrosymmetric heavy fermion CeRhSi ₃ . <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, S529-S532	1.3	4
133	De Haas-van Alphen oscillations in KFe ₂ As ₂ . <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, S351-S352	1.3	2

132	Anisotropic Josephson-vortex dynamics in layered organic superconductors. <i>Physica B: Condensed Matter</i> , 2010 , 405, S288-S290	2.8	12
131	Magnetothermal instability in the organic layered superconductor (BEDT-TTF) ₂ Cu(NCS) ₂ . <i>Physical Review B</i> , 2009 , 79,	3.3	3
130	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
129	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
128	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
127	Fermi Surface in BaNi ₂ P ₂ . <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 033706	1.5	20
126	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
125	Fermi surface in LaRhSi ₃ and CeRhSi ₃ . <i>Physical Review B</i> , 2008 , 78,	3.3	36
124	Fermi surface in the superconducting pyrochlore oxide CsOs ₂ O ₆ . <i>Physical Review B</i> , 2008 , 77,	3.3	11
123	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
122	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
121	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
120	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
119	UGe ₂ : Low-temperature resistivity measurements in a wide range of magnetic field and pressure. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, e116-e117	2.8	
118	Metamagnetic transitions, electronic structures and quantum critical point of. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 331-333	2.8	
117	Fermi surface and superconductivity in noncentrosymmetric CeRhSi ₃ . <i>Physical Review B</i> , 2007 , 76,	3.3	28
116	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
115	Large positive magnetoresistance of insulating organic crystals in the non-ohmic region. <i>Physical Review Letters</i> , 2007 , 98, 116602	7.4	24

114	Anomalous Electronic State under Magnetic Fields around the Quantum Critical Point: dHvA Effect Study with Physical and Chemical Pressures. <i>Journal of the Physical Society of Japan</i> , 2007 , 76, 152-155	1.5	
113	Upper critical fields and de Haas-van Alphen oscillations in UNi ₂ Al ₃ . <i>Physica B: Condensed Matter</i> , 2006 , 378-380, 991-992	2.8	3
112	Charge transfer degree and superconductivity of the incommensurate organic superconductor (MDT ⁺ SF)(I ₃) _{0.422} . <i>Physical Review B</i> , 2006 , 73,	3.3	9
111	Fermi surface of the organic superconductor (MDT ⁺ ST)(I ₃) _{0.417} reconstructed by incommensurate potential. <i>Physical Review B</i> , 2006 , 73,	3.3	11
110	Fermi surface and interlayer transport in high-stage MoCl ₅ graphite intercalation compounds. <i>Physical Review B</i> , 2006 , 73,	3.3	15
109	Current-voltage characteristics of charge-ordered organic crystals. <i>Physical Review Letters</i> , 2006 , 96, 136602	7.4	43
108	Magnetic-field and pressure dependence of low-temperature resistivity in UGe ₂ . <i>Physical Review B</i> , 2006 , 73,	3.3	9
107	Field- and angular-dependent resistance of (BETS) ₂ FeCl ₄ under pressure. <i>Physical Review B</i> , 2006 , 73,	3.3	2
106	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
105	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
104	Pressure-induced superconductivity in noncentrosymmetric heavy-fermion CeRhSi ₃ . <i>Physical Review Letters</i> , 2005 , 95, 247004	7.4	397
103	Investigation of interlayer coherency and angular-dependent magnetoresistance oscillations in magnetic graphite intercalation compounds. <i>Synthetic Metals</i> , 2005 , 154, 289-292	3.6	3
102	Pressure Effect on Fermi Surface in β -(ET)(TCNQ). <i>Synthetic Metals</i> , 2005 , 152, 437-440	3.6	4
101	Anisotropic Three-dimensional Superconductivity of the Incommensurate Organic Superconductor (MDT ⁺ ST)(I ₃) _{0.417} . <i>Journal of the Physical Society of Japan</i> , 2005 , 74, 1529-1533	1.5	7
100	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
99	Excess resistance in the superconducting transition of a mesoscopic Al disk. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2005 , 29, 584-587	3	4
98	Magnetic field effect on the T ₂ coefficient of the resistivity in the ferromagnetic superconductor UGe ₂ . <i>Physica B: Condensed Matter</i> , 2005 , 359-361, 1060-1062	2.8	1
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