

Kazuyuki Matsubayashi

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Interplay between Quadrupolar and Magnetic Interactions in 5d1 Double Perovskite Ba ₂ MgReO ₆ under Pressure. Journal of the Physical Society of Japan, 2022, 91, . Pressure tuning of localization and superconductivity in LaOPbBiS and LaOPbBiS	0.7	4
2	Hybridization-Gap Formation and Superconductivity in the Pressure-Induced Semimetallic Phase of the Excitonic Insulator Ta ₂ NiSe ₅ . Journal of the Physical Society of Japan, 2021, 90, 074706.	1.1	2
3	Universal Dynamics of Magnetic Monopoles in Two-Dimensional Kagomé Ice. Journal of the Physical Society of Japan, 2021, 90, .	0.7	15
4	Pressure-induced incommensurate antiferromagnetic order in a ferromagnetic B-site ordered double-perovskite Lu ₂ NiMnO ₆ . Physical Review B, 2020, 102, .	0.7	1
5	Resistive anisotropy of candidate excitonic insulator Ta ₂ NiSe ₅ under pressure. Journal of Physics: Conference Series, 2020, 1609, 012001.	1.1	3
6	High-Pressure Hall Effect Measurement on Ta ₂ NiSe ₅ as a Candidate for Excitonic Insulator. , 2020, , .	0.3	2
7	Superconducting-Gap Anisotropy of Iron Pnictides Investigated via Combinatorial Microwave Measurements. Scientific Reports, 2020, 10, 7064.	0.3	3
8	Magnetic Measurements of Narrow-Gap Semiconductor FeSb ₂ under High Pressure. Materials Transactions, 2020, 61, 1476-1479.	1.6	5
9	Robust two-gap strong coupling superconductivity associated with low-lying phonon modes in pressurized Nb ₅ Ir ₃ O superconductors. Chinese Physics B, 2019, 28, 107401.	0.4	3
10	Exotic superconductivity in noncentrosymmetric and magnetic CeNiC_2 revealed under high pressure. Physical Review B, 2019, 99, .	0.7	4
11	Pressure-induced enhancement of superconductivity and quantum criticality in the 12442-type hybrid-structure superconductor KCa ₂ Fe ₄ As ₄ F ₂ . Physical Review B, 2019, 99, .	1.1	15
12	Emergence of a new valence-ordered structure and collapse of the magnetic order under high pressure in EuPtP. Journal of Physics Condensed Matter, 2018, 30, 105603.	0.7	4
13	Fundamental properties of a new samarium compound SmPtSi ₂ . Physica B: Condensed Matter, 2018, 536, 297-299.	1.3	2
14	Transport and Thermodynamic Properties of CeRu ₂ Al ₁₀ Controlled by Pressure at around Critical Pressure. Materials Science Forum, 2018, 941, 1378-1383. Two distinct superconducting phases and pressure-induced crossover from type-II to type-I superconductivity in the spin-orbit-coupled superconductors BaB_iBaB_j and BaB_iBaB_j	0.3	1
15	Evolution of Magnetic Double Helix and Quantum Criticality near a Dome of Superconductivity in CrAs. Physical Review X, 2018, 8, .	1.1	5
16	Universal phase diagram of superconductivity and charge density wave versus high hydrostatic pressure in pure and Se-doped 1TâTaS ₂ . Physical Review B, 2018, 97, .	2.8	20
17	Universal phase diagram of superconductivity and charge density wave versus high hydrostatic pressure in pure and Se-doped 1TâTaS ₂ . Physical Review B, 2018, 97, .	1.1	21

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19	Pressure-induced coherent sliding-layer transition in the excitonic insulator Ta ₂ NiSe ₅ . IUCrj, 2018, 5, 158-165.	1.0	37
20	Pressure-Induced Metallization in Iron-Based Ladder Compounds Ba _{1-x} CsxFe ₂ Se ₃ . Journal of the Physical Society of Japan, 2017, 86, 024701.	0.7	11
21	Unique Pressure versus Temperature Phase Diagram for Antiferromagnets Eu ₂ Ni ₃ Ge ₅ and EuRhSi ₃ . Journal of the Physical Society of Japan, 2017, 86, 034708.	0.7	14
22	A Glimpse of Novel States in a Non-Kramers Doublet System. JPSJ News and Comments, 2017, 14, 04.	0.2	1
23	Two-carrier analyses of the transport properties of black phosphorus under pressure. Physical Review B, 2017, 95, .	1.1	28
24	Effects of pressure and magnetic field on superconductivity in ZrTe ₃ : local pair-induced superconductivity. New Journal of Physics, 2017, 19, 063004.	1.2	19
25	Pressure-induced bulk superconductivity in a layered transition-metal dichalcogenide $\text{M}_1\text{M}_2\text{X}_2$ -tantalum selenium. Physical Review B, 2017, 95, .	1.1	24
26	Divalent, trivalent, and heavy fermion states in Eu compounds. Philosophical Magazine, 2017, 97, 3399-3414.	0.7	36
27	Superconducting, Fermi surface, and magnetic properties in SrTGe ₃ and EuTGe ₃ (T: transition metal) with the Rashba-type tetragonal structure. Journal of Alloys and Compounds, 2017, 694, 439-451.	2.8	16
28	Zn-site Substitution Effect in YbCo ₂ Zn ₂₀ . Journal of Physics: Conference Series, 2017, 807, 012009.	0.3	1
29	Magnetic properties of Mn _{1.9} Cu _{0.1} Sb under high pressure. AIP Conference Proceedings, 2016, , .	0.3	5
30	Magnetic and Structural Properties of Metamagnetic MnCo _{0.92} Fe _{0.08} Ge Compound. Materials Transactions, 2016, 57, 316-320.	0.4	10
31	Superconductivity with the structural transition in $\text{M}_3\text{O}_3\text{S}$. Physical Review B, 2016, 94, .	1.1	7
32	Iron arsenides with three-dimensional FeAs layer networks: Ca _n (n+1)/2(Fe _{1-x} Ptx) _{2+3n} Ptn(n-1)/2As _{n+1} (n+2)/2 (n=2, 3). Scientific Reports, 2016, 6, 39280.	1.6	0
33	Magnetic and Fermi Surface Properties of Ferromagnets EuPd ₂ and EuPt ₂ . Journal of the Physical Society of Japan, 2016, 85, 084705.	0.7	7
34	Pressure-induced valence change toward the QCP in 4f-electron compounds determined by X-ray absorption spectroscopy. High Pressure Research, 2016, 36, 419-428.	0.4	2
35	T/B scaling without quasiparticle mass divergence: YbCo ₂ Ge ₄ . Physical Review B, 2016, 94, .	1.1	7
36	Pressure dependence of the magnetic ground states in MnP. Physical Review B, 2016, 93, .	1.1	36

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37	Superconducting and Fermi Surface Properties of Single Crystal $Zr_{2}Co$. Journal of the Physical Society of Japan, 2016, 85, 034706.	0.7	9
38	Dome-shaped magnetic order competing with high-temperature superconductivity at high pressures in FeSe. Nature Communications, 2016, 7, 12146.	5.8	210
39	Kondo Effect in CeXc (Xc = S, Se, Te) Studied by Electrical Resistivity Measurements under High Pressure. Journal of the Physical Society of Japan, 2016, 85, 034704.	0.7	7
40	Pressure-Induced Superconductivity in Strongly Correlated Systems under High Quality Pressure Condition. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2016, 26, 8-13.	0.1	0
41	Pressure-Induced Superconductivity in the Collapsed Tetragonal Phase of $KFe_{2}As_{2}$. Physical Review Letters, 2016, 116, 087001.	1.1	12
42	Long-Range Magnetic Order in the Heisenberg Pyrochlore Antiferromagnets $Gd_{2}Zr_{2}Si_{2}O_{10}$ and $Gd_{2}Zr_{2}Si_{2}O_{10}$. Physical Review B, 2016, 93, 020407.	1.1	23
43	Pressure Effect on Transport Properties of $EuNi(Si_{1-x}Ge_{x})_{3}$ Compounds. Physics Procedia, 2015, 75, 884-889.	1.2	0
44	Crystal Field Effects in Polymorphic Compound $TbIr_{2}Si_{2}$. Physics Procedia, 2015, 75, 837-844.	1.2	3
45	Electrical Transport in the Quasi-Two-Dimensional Ionic Mott Insulator $M_{2}P-TCNQF_{4}$ under High Pressures. Journal of the Physical Society of Japan, 2015, 84, 104702.	0.7	0
46	Transport and Magnetic Properties of $EuAl_{4}$ and $EuGa_{4}$. Journal of the Physical Society of Japan, 2015, 84, 124711.	0.7	37
47	Development of non-metallic diamond anvil cell and quantum oscillation measurement of $CePt_{2}In_{7}$ in a pulsed-magnet. Journal of Physics: Conference Series, 2015, 592, 012149.	0.3	4
48	Pressure-Induced Valence Transition and Heavy Fermion State in $Eu_{2}Ni_{3}Ge_{5}$ and $EuRhSi_{3}$. Journal of the Physical Society of Japan, 2015, 84, 053701.	0.7	24
49	Anomalous Quantum Transport Properties in Semimetallic Black Phosphorus. Journal of the Physical Society of Japan, 2015, 84, 073708.	0.7	23
50	Point-Contact Spectroscopy of Heavy Fermion Compounds $CeCu_{6}$ and $CeAl_{3}$ in Magnetic Field. Physics Procedia, 2015, 75, 296-302.	1.2	2
51	The Successive Component-separated Magnetic Transitions on Pseudoternary Compounds $Ho_{1-x}Gd_{x}Rh_{2}Si_{2}$. Physics Procedia, 2015, 75, 845-852.	1.2	1
52	Frequency Extension to the THz Range in the High Pressure ESR System and Its Application to the Shastry-Sutherland Model Compound $SrCu_{2}(BO_{3})_{2}$. Journal of Physical Chemistry B, 2015, 119, 13755-13761.	1.2	12
53	Correlation between T_{c} and Crystal Structure in S-Doped FeSe Superconductors under Pressure: Studied by X-ray Diffraction of $FeSe_{0.8}S_{0.2}$ at Low Temperatures. Journal of the Physical Society of Japan, 2015, 84, 024713.	0.7	10
54	Zr-based bulk metallic glass as a cylinder material for high pressure apparatuses. High Pressure Research, 2015, 35, 254-262.	0.4	10

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55	Charge disproportionation and the pressure-induced insulator-metal transition in cubic perovskite PbCrO_3 . Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1670-1674.	3.3	37
56	Pressure-Induced Valence Crossover and Novel Metamagnetic Behavior near the Antiferromagnetic Quantum Phase Transition of YbNi_3Ca . Physical Review Letters, 2015, 114, 086401.	2.9	37
57	Pressure Induced Superconductivity on the border of Magnetic Order in MnP. Physical Review Letters, 2015, 114, 117001.	2.9	153
58	Pressure-induced superconductivity in the iron-based ladder material BaFe_2S_3 . Nature Materials, 2015, 14, 1008-1012.	13.3	165
59	Electron transport in TTF-CA under High pressures. Physica B: Condensed Matter, 2015, 460, 83-87.	1.3	8
60	Development of High-Pressure ESR System Using Micro-coil. Applied Magnetic Resonance, 2015, 46, 987-992.	0.6	5
61	Development of High-Pressure and Multi-Frequency ESR System and Its Application to Quantum Spin System. Applied Magnetic Resonance, 2015, 46, 1007-1012.	0.6	7
62	Effect of Pressure on the Electronic state in Eu-Divalent EuTln_4 (T: Ni, Pd, Pt, Au) Compounds. Journal of Physics: Conference Series, 2015, 592, 012047.	0.3	2
63	High Pressure Effect on the Superconductivity in VN. Journal of the Physical Society of Japan, 2015, 84, 104706.	0.7	3
64	Development of multi-frequency ESR system for high-pressure measurements up to 2.5 GPa. Journal of Magnetic Resonance, 2015, 259, 108-113.	1.2	27
65	Magnetic Order in the Frustrated Ising Quasi-One Dimensional Compound $\text{NaCo}(\text{acac})_3$ Benzene. Journal of the Physical Society of Japan, 2015, 84, 084708.	0.7	2
66	Gap Structure Seen in Magnetic Penetration Depth and Flux-Flow Resistivity of 122 Fe-Based Superconductors. Quantum Matter, 2015, 4, 308-313.	0.2	0
67	Drastic Change of Electronic Properties in Ce_2MgSi_2 and CeNiIn_4 under High Pressure. , 2014, , .		1
68	Magnetic and transport properties of $\text{EuNi}(\text{Si}_x\text{Ge}_{1-x})_3$ compounds. Journal of Physics: Conference Series, 2014, 568, 042032.	0.3	3
69	Magnetism and Transport Properties of EuNiSi_3 . , 2014, , .		1
70	Transport Properties of $\text{Y}_x\text{Nd}_{1-x}\text{Co}_2$ in Magnetic Field. , 2014, , .		0
71	Anomalous pressure dependence of the superconductivity in noncentrosymmetric LaNi_2C_2 : Evidence of strong electronic correlations. Physical Review B. 2014. 90. , .	1.1	17
72	Phase Diagram and Superconductivity of NaFeAs Studied by Single-Crystal ^{75}As -NMR under Pressure up to 7.3 GPa. , 2014, , .		4

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73	Point-Contact Spectroscopy of Heavy Fermion Compound CeRu ₂ Si ₂ in Magnetic Field. , 2014, , .		1
74	Heavy Fermion State in EuNi ₂ P ₂ under Pressure. , 2014, , .		3
75	Superconductivity in the topological insulator Bi ₂ Te ₃ under high pressure. Physical Review B, 2014, 89, 040407.		45
76	High-pressure effects in anti-perovskite superconductors Pn ₃ V ₃ N ₃ . Tj ETQq 0 0 rgB	1.1	6
77	Integrated-fin gasket for palm cubic-anvil high pressure apparatus. Review of Scientific Instruments, 2014, 85, 093907.	0.6	62
78	Doping- and pressure-induced change of electrical and magnetic properties in the Fe-based spin-ladder compound BaFe ₂ Se ₃ . Physical Review B, 2014, 90, .	1.1	14
79	Magnetic Field Effect on Magnetic and Electrical Properties of Mn ₂ Sb. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	4
80	Long-range antiferromagnetic order in the frustrated XY pyrochlore antiferromagnet Er ₂ Ge ₂ O ₇ . Physical Review B, 2014, 89, .		21
81	Superconductivity in the vicinity of antiferromagnetic order in CrAs. Nature Communications, 2014, 5, 5508.	5.8	195
82	Superconductivity on a Crossover Phenomenon of Spin-Ladder System SrCa ₁₃ Cu ₂₄ O ₄₁ Single Crystals. Journal of the Physical Society of Japan, 2014, 83, 073703.	0.7	7
83	Magnetic and Fermi Surface Properties of Antiferromagnet EuCd ₁₁ . Journal of the Physical Society of Japan, 2014, 83, 074714.	0.7	10
84	Heavy Fermion Superconductivity under Pressure in the Quadrupole System PrTi ₂ Al ₂₀ . , 2014, , .		16
85	High Pressure Properties for Electrical Resistivity and Ce Valence State of Heavy-Fermion Antiferromagnet Ce ₂ NiGa ₁₂ . Journal of Physics: Conference Series, 2014, 568, 042015.	0.3	4
86	Weak Ferromagnetism in the Orthorhombic Perovskite Sr _{0.8} Sn _{0.2} O ₃ . , 2014, , .		1
87	Low-Temperature Intermediate Valence State in YbCo ₂ Zn ₂₀ . , 2014, , .		0
88	Development of Hybrid-Type Pressure Cell for High-Pressure and High-Field ESR Measurement. Applied Magnetic Resonance, 2013, 44, 893-898.	0.6	5
89	Pressure dependence of the superconducting transition temperature of the filled skutterudite YFe ₄ P ₁₂ . Physical Review B, 2013, 88, .	1.1	9
90	Magnetic properties of Mn ₂ Sb _{1-x} Gex (0.05 ≤ x ≤ 0.2) in high magnetic fields. Journal of the Korean Physical Society, 2013, 63, 747-750.	0.3	13

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91	Successive magnetic transitions of PrRh ₂ single crystals. Journal of the Korean Physical Society, 2013, 63, 743-746.	0.3	0
92	High-pressure synthesis of the Ba ₂ O ₃ perovskite: A Pauli paramagnetic metal with a Fermi liquid ground state. Physical Review B, 2013, 88, .	1.1	28
93	Magnetic penetration depth and flux-flow resistivity measurements on NaFe _{0.97} Co _{0.03} As single crystals. Physica C: Superconductivity and Its Applications, 2013, 494, 109-112.	0.6	11
94	Magnetic properties of spinel CuCrZrS ₄ under pressure. Journal of Magnetism and Magnetic Materials, 2013, 331, 98-101.	1.0	3
95	Low energy excitations inside the vortex core of LiFe(As, P) single crystals investigated by microwave-surface impedance. Physica C: Superconductivity and Its Applications, 2013, 484, 27-30.	0.6	9
96	Hydrostatic pressure (8 GPa) dependence of electrical resistivity of BaCo ₂ As ₂ single crystal. Materials Research Bulletin, 2013, 48, 4329-4331.	2.7	5
97	Dielectric properties of single crystal spinels in the series FeV ₂ O ₄ , MnV ₄ O ₁₂ , and MnV ₄ O ₁₀ . Journal of the Physical Society of Japan, 2013, 82, 103704.	1.1	34
98	Microscopic Evidence of a Crossover to a Low-Temperature Intermediate Valence State in YbCo ₂ Zn ₂₀ . Journal of the Physical Society of Japan, 2013, 82, 103704.	0.7	8
99	Fermi Surface and Magnetic Properties of Antiferromagnet EuBi ₃ . Journal of the Physical Society of Japan, 2013, 82, 124708.	0.7	24
100	Change in Unusual Magnetic Properties by Rh Substitution in CeRu ₂ Al ₁₀ . Journal of the Physical Society of Japan, 2013, 82, 093702.	0.7	24
101	Magnetic and Fermi Surface Properties of EuGa ₄ . Journal of the Physical Society of Japan, 2013, 82, 104703.	0.7	53
102	Pressure Effect on the Structure and Superconducting Transition Temperature of Filled Skutterudites La ₄ P ₁₂ (i = Fe, Ru). Journal of the Physical Society of Japan, 2013, 82, 114702.	0.7	8
103	Two-Dimensional Monopole Dynamics in the Dipolar Spin Ice Dy ₂ Ti ₂ O ₇ . Journal of the Physical Society of Japan, 2013, 82, 073707.	0.7	13
104	Development of a Low-Temperature Insert for Precise Magnetization Measurement below T = 2 K with a Superconducting Quantum Interference Device Magnetometer. Japanese Journal of Applied Physics, 2013, 52, 106702.	0.8	19
105	Site Ordered Perovskite A ₃ CaCu ₃ Ir: Physical Review Letters, 2013, 111, 177201.	2.9	33
106	Pressure and Substitution Effects on Transport and Magnetic Properties of Y _{1-x} R _x Co ₂ Systems with Static Magnetic Disorder. Journal of the Physical Society of Japan, 2013, 82, 014708.	0.7	2
107	AC Susceptibility of the Dipolar Spin Ice Dy ₂ Ti ₂ O ₇ : Experiments and Monte Carlo Simulations. Journal of the Physical Society of Japan, 2013, 82, 104710.	0.7	18
108	Magnetic and Structural Properties of Mn _{1.8} Co _{0.2} Sb under High Magnetic Fields. Materials Transactions, 2013, 54, 969-973.	0.4	9

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109	The Institute for Solid State Physics, Division of Physics in Extreme Conditions, Uwatoko laboratory. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2013, 23, 268-269.	0.1	0
110	Correlation between superconductivity and structural properties under high pressure of iron pnictide superconductor $\text{Ce}_{0.6}\text{Y}_{0.4}\text{FeAsO}_{0.8}\text{F}_{0.2}$. Applied Physics Letters, 2012, 100, 052601.	1.5	2
111	Microwave surface-impedance measurements of the electronic state and dissipation of magnetic vortices in superconducting LiFeAs single crystals. Physical Review B, 2012, 86, .	1.1	25
112	Pressure-Induced Heavy Fermion Superconductivity in the Nonmagnetic Quadrupolar System PrTi_2Al_3 . Physical Review Letters, 2012, 109, 187004.	2.9	150
113	Scanning tunneling microscopy/spectroscopy of vortices in LiFeAs. Physical Review B, 2012, 85, .	1.1	111
114	Pressure Effect on the Structural Transition and Suppression of the High-Spin State in the Triple-Layer La_4O_8 . Physical Review Letters, 2012, 108, 236403.	2.9	35
115	Determination of spin Hamiltonian in the Ni Mn_4 magnetic molecule. Physical Review B, 2012, 86, .	1.1	4
116	Pressure-induced positive electrical resistivity coefficient in Ni-Nb-Zr-H glassy alloy. Applied Physics Letters, 2012, 100, .	1.5	3
117	Superconducting metallic state in heavily doped Ba KxMn_2O_8 . Physical Review Letters, 2012, 108, 236403.	1.1	31
118	Growth and characterization of Bi ₂ Se ₃ crystals by chemical vapor transport. AIP Advances, 2012, 2, .	0.6	10
119	High-pressure studies on T_c and crystal structure of iron chalcogenide superconductors. Science and Technology of Advanced Materials, 2012, 13, 054401.	2.8	3
120	Low temperature properties of a low carrier heavy fermion YbPtSb. Journal of Physics: Conference Series, 2012, 391, 012040.	0.3	4
121	Heat Capacity Measurement of Heavy Fermion YbCo ₂ Zn ₂₀ under Magnetic Field. Journal of Physics: Conference Series, 2012, 391, 012078.	0.3	4
122	NMR Studies of Yb-Based Heavy Fermion Compound YbCo ₂ Zn ₂₀ . Journal of the Physical Society of Japan, 2012, 81, SB061.	0.7	2
123	Pressure-induced Suppression of the Antiferromagnetic Transition in YbNi ₃ Al ₉ Single Crystal. Journal of Physics: Conference Series, 2012, 391, 012020.	0.3	6
124	Pressure Effects on Electrical Resistivity of Heavy-Fermion Antiferromagnet Ce ₂ PdGa ₁₂ . Journal of Physics: Conference Series, 2012, 400, 042048.	0.3	4
125	Magnetization processes and phase diagram of HoRh ₂ Si ₂ single crystal having a component-separated magnetic transition. Journal of Physics: Conference Series, 2012, 391, 012063.	0.3	8
126	Magnetism and Pressure-Induced Superconductivity of Checkerboard-Type Charge-Ordered Molecular Conductor $\hat{\Gamma}^2$ -(meso-DMBEDT-TTF)2X (X = PF ₆ and AsF ₆). Crystals, 2012, 2, 1502-1513.	1.0	14

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127	Hall effect of Ce(Ru _{1-x} Fe _x) ₂ Al ₁₀ single crystal. Journal of Physics: Conference Series, 2012, 391, 012028.	0.3	1
128	Peculiar magnetic phase diagrams of GdPd ₂ Si ₂ single crystal. Journal of Physics: Conference Series, 2012, 391, 012082.	0.3	2
129	Magnetic properties of Ce _{1-x} La _x Ru ₂ Si ₂ compounds. Journal of Physics: Conference Series, 2012, 391, 012001.	0.3	0
130	Magnetic phase diagram and crystalline electric field of NdRu ₂ Al ₁₀ single crystal. Journal of Physics: Conference Series, 2012, 391, 012029.	0.3	5
131	Pressure effect of transport properties of hexagonal Yb ₂ Ni ₁₂ P ₇ . Journal of Physics: Conference Series, 2012, 391, 012052.	0.3	2
132	Upper Critical Field of the Stoichiometric Fe-based Superconductor LiFeAs. Journal of Physics: Conference Series, 2012, 391, 012133.	0.3	0
133	Mechanism of Field Induced Fermi Liquid State in Yb-Based Heavy-Fermion Compound: X-ray Absorption Spectroscopy and Nuclear Magnetic Resonance Studies of YbCo ₂ Zn ₂₀ . Journal of the Physical Society of Japan, 2012, 81, 033706.	0.7	8
134	Anisotropy of Upper Critical Field in a One-Dimensional Organic System, (TMTTF) ₂ PF ₆ under High Pressure. Journal of the Physical Society of Japan, 2012, 81, 024716. Effect of pressure on the neutron spin resonance in the unconventional superconductor	0.7	4
135	FeTe _{0.6} Se _{0.4} . Physical Review B, 2012,	1.1	6
136	Superconducting Transitions and Crystal Structure for FeSe _{1-x} S _x (x=0.2) under Pressure. Journal of Physics: Conference Series, 2012, 400, 022125.	0.3	4
137	Conductivity and incommensurate antiferromagnetism of Fe _{1.02} Se _{0.10} Te _{0.90} under pressure. Europhysics Letters, 2012, 98, 37002. Investigation of the superconducting gap structure in SrFe ₂	0.7	1
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145	Two Different Anisotropic SDW Gaps in Heavy-Fermion System $Ce_{0.87}La_{0.13}(Ru_{1-x}Rh_x)_2Si_2$ by Resistivity. Journal of the Physical Society of Japan, 2011, 80, SA062.		
146	Effects of Magnetic Field, Pressure and Dilution of Yb on Phase Transitions in Valence Fluctuating Compound YbPd. Journal of the Physical Society of Japan, 2011, 80, SA094.	0.7	1
147	Magnetic and transport properties of CeT_2Al_{10} ($T = Fe, Ru, Os$) under pressure. Journal of Physics: Conference Series, 2011, 273, 012038.	0.3	2
148	Magnetic properties of $Ce(Ru_{1-x}Fe_x)_2Al_{10}$. Journal of Physics: Conference Series, 2011, 273, 012046.	0.3	15
149	Electrical transport properties of ternary phosphides RRu_2P_2 ($R=La, Ce, Pr$ and Tj) $ETQq_1$ 1 0.784314 rgBT / Qv Series, 2011, 273, 012112.	0.3	7
150	Component-separated magnetic transition in $HoRh_2Si_2$ single crystal. Journal of Physics: Conference Series, 2011, 273, 012127.	0.3	11
151	Determination of the Upper Critical Field of a Single Crystal LiFeAs: The Magnetic Torque Study up to 35 Tesla. Journal of the Physical Society of Japan, 2011, 80, 013706.	0.7	47
152	Discontinuous Transition from a Real Bound State to Virtual Bound State in a Mixed-Valence State of SmS. Journal of the Physical Society of Japan, 2011, 80, 113704.	0.7	10
153	Electrical Resistivity of $Ce_2Ir_3Ge_5$ under High Pressure. Journal of the Physical Society of Japan, 2011, 80, SA066.	0.7	2
154	Construction of a Magnetometer Using a Piezo Actuator. Journal of the Physical Society of Japan, 2011, 80, SA108.	0.7	0
155	Microwave surface impedance measurements of LiFeAs, LiFe(As,P) and $FeSe_{1-x}Tex$ single crystals. Physica C: Superconductivity and Its Applications, 2011, 471, 630-633.	0.6	2
156	Pressure-induced changes in the magnetic and valence state of $EuFe_2As$ $display="inline">$EuFe_2As$$	1.1	64
157	Superconducting Phase at 7.7 K in the Hg_xReO_3 Compound with a Hexagonal Bronze Structure. Physical Review Letters, 2011, 106, 017001.	2.9	7
158	Microwave Surface Impedance Measurements of LiFeAs Single Crystals. Journal of the Physical Society of Japan, 2011, 80, 013704.	0.7	38
159	Thermoelectric Power Investigation on SmS. Journal of the Physical Society of Japan, 2011, 80, SA077.	0.7	4
160	Crossover from Commensurate to Incommensurate Antiferromagnetism in Stoichiometric $NaFe_3As_7$ -NMR Experiments. Journal of the Physical Society of Japan, 2011, 80, 033705.	0.7	34
161	Development of cubic anvil type high pressure apparatus for neutron scattering at low temperature. Acta Crystallographica Section A: Foundations and Advances, 2011, 67, C814-C815.	0.3	0
162	Pressure-induced variation of Kondo behavior on the heavy fermion compounds YbT_2Zn_{20} ($T = Co, Rh, Ir$). Journal of Physics: Conference Series, 2010, 200, 012112.	0.3	7

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163	Electrical resistivity and thermal expansion investigation of golden SmS under pressure. Journal of Physics: Conference Series, 2010, 200, 012067.	0.3	0
164	High-pressure ac specific heat technique with cubic anvil apparatus. Journal of Physics: Conference Series, 2010, 215, 012187.	0.3	17
165	Pressure effect of superconducting oxypnictide $\text{LaFeAsO}_{1-x}\text{F}_x$ and related materials. Journal of Physics: Conference Series, 2010, 215, 012037.	0.3	4
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167	Effect of Pressure on Transport Properties of Heavy Fermion CePtSi_2 . Journal of Superconductivity and Novel Magnetism, 2010, 23, 799-801.	0.8	6
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