

Christian Pfleiderer

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Compositional Studies of Metals with Complex Order by means of the Optical Floating Zone Technique. Physica Status Solidi (B): Basic Research, 2022, 259, 2100159.	0.7	4
2	High-Pressure Studies of Correlated Electron Systems. Physica Status Solidi (B): Basic Research, 2022, 259, .	0.7	1
3	Magnetic properties of the noncentrosymmetric tetragonal antiferromagnet EuPtSi_3 . Physical Review Materials, 2022, 6, .	1.1	4
4	Topological magnon band structure of emergent Landau levels in a skyrmion lattice. Science, 2022, 375, 1025-1030.	6.0	18
5	Interplay of itinerant magnetism and spin-glass behavior in $\text{Fe}_x\text{Mn}_{1-x}$. Physical Review Materials, 2022, 6, .	0.9	1
6	Large curvature near a small gap. Nature Physics, 2022, 18, 731-732.	6.5	3
7	Network of Topological Nodal Planes, Multifold Degeneracies, and Weyl Points in CoSi. Physical Review Letters, 2022, 129, .	2.9	12
8	Microwave Spectroscopy of the Low-Temperature Skyrmion State in Cu_2Mn . Physical Review Letters, 2021, 126, 017202.	2.9	27
9	Oscillatory magnetic fields for neutron resonance spin-echo spectroscopy. Measurement Science and Technology, 2021, 32, 045902.	1.4	3
10	Atomistic investigation of surface characteristics and electronic features at high-purity FeSi(110) presenting interfacial metallicity. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	5
11	Symmetry-enforced topological nodal planes at the Fermi surface of a chiral magnet. Nature, 2021, 594, 374-379.	13.7	29
12	Confined dipole and exchange spin waves in a bulk chiral magnet with Dzyaloshinskii-Moriya interaction. Physical Review Research, 2021, 3, .	1.3	8
13	Tunable cooperativity in coupled spin-cavity systems. Physical Review B, 2021, 104, .	1.1	5
14	Field-induced reorientation of helimagnetic order in Cu_2Mn probed by magnetic force microscopy. Physical Review B, 2020, 102, .	1.2	8
15	Evolution of magnetocrystalline anisotropies in MnO and Mn_2O_7 . Physical Review B, 2020, 101, .	1.1	15
16	The 2020 skyrmionics roadmap. Journal Physics D: Applied Physics, 2020, 53, 363001.	1.3	245
17	Orientation dependence of the magnetic phase diagram of Yb_2O_7 . Physical Review B, 2020, 101, .	1.1	5
18	Compact susceptometer for studies under transverse field geometries at very low temperatures. Review of Scientific Instruments, 2019, 90, 073903.	0.6	5

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19	Polarized inelastic neutron scattering of nonreciprocal spin waves in MnSi. Physical Review B, 2019, 100, .	1.1	10
20	Surface pinning and triggered unwinding of skyrmions in a cubic chiral magnet. Physical Review B, 2019, 100, .	1.1	2
21	Search for pressure-induced tricriticality in Cr. Physical Review B, 2019, 100, .	1.1	1
22	Putative spin-nematic phase in BaCdVO_4 . Physical Review B, 2019, 100, .	1.1	1
23	Ferromagnetic Resonance with Magnetic Phase Selectivity by Means of Resonant Elastic X-Ray Scattering on a Chiral Magnet. Physical Review Letters, 2019, 123, 167201.	2.9	15
24	Unique Crystal Structure of Ca_2RuO_4 in the Current Stabilized Semimetallic State. Physical Review Letters, 2019, 123, 137204.	2.9	31
25	MIEZE Neutron Spin-Echo Spectroscopy of Strongly Correlated Electron Systems. Journal of the Physical Society of Japan, 2019, 88, 081002.	0.7	24
26	Ultrahigh-resolution neutron spectroscopy of low-energy spin dynamics in UGe_2 . Physical Review B, 2019, 99, .	2.9	8
27	The longitudinal neutron resonant spin echo spectrometer RESEDA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 939, 22-29.	0.7	22
28	Magnetoelastic hybrid excitations in CeAuAl_3 . Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6695-6700.	3.3	29
29	Weak Crystallization of Fluctuating Skyrmion Textures in MnSi. Physical Review X, 2019, 9, .	2.8	22
30	Ultrasmall Moment Incommensurate Spin Density Wave Order Masking a Ferromagnetic Quantum Critical Point in NbFe_2 . Physical Review Letters, 2019, 123, 247203.	2.9	8
31	High-resolution neutron depolarization microscopy of the ferromagnetic transitions in Ni_3Al and HgCr_2Se_4 under pressure. Journal of Magnetism and Magnetic Materials, 2019, 475, 176-183.	1.0	17
32	Longitudinal Neutron Resonance Spin Echo Spectroscopy under Large Energy Transfers. Journal of Physics: Conference Series, 2019, 1316, 012005.	0.3	3
33	Neutron diffractive imaging of the skyrmion lattice nucleation in MnSi. Physical Review B, 2018, 97, .	1.1	15
34	Determination of the hydrogen-bond network and the ferrimagnetic structure of a rockbridgeite-type compound, $\text{Fe}^{2+}\text{Fe}^{3+}_{3.2}(\text{Mn}^{2+}, \text{Zn})_{0.8}(\text{PO}_4)_3(\text{OH})_{4.2}(\text{HOH})_{0.8}$. Journal of Physics Condensed Matter, 2018, 30, 235401.	0.7	8
35	Quantum tricritical points in NbFe_2 . Nature Physics, 2018, 14, 62-67.	6.5	42
36	The multi-purpose three-axis spectrometer (TAS) MIRA at FRM II. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 881, 60-64.	0.7	30

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37	High magnetic field behavior of NbFe_2 . Physica B: Condensed Matter, 2018, 536, 510-511.	1.3	1
38	Lattice dynamics and coupled quadrupole-phonon excitations in CeAuAl ₃ . Physical Review B, 2018, 98, .	1.1	6
39	Skyrmion Lattices Far from Equilibrium. Springer Series in Solid-state Sciences, 2018, , 151-176.	0.3	1
40	Response of the Skyrmion Lattice in MnSi to Cubic Magnetocrystalline Anisotropies. Physical Review Letters, 2018, 121, 187205.	2.9	19
41	Non-reciprocal magnons in non-centrosymmetric MnSi. AIP Advances, 2018, 8, .	0.6	12
42	Thermodynamic evidence of a second skyrmion lattice phase and tilted conical phase in CuMnSb . Physical Review B, 2018, 98, .	1.2	32
43	Manipulation of skyrmion motion by magnetic field gradients. Nature Communications, 2018, 9, 2115.	5.8	92
44	Observation of two independent skyrmion phases in a chiral magnetic material. Nature Physics, 2018, 14, 936-941.	6.5	120
45	High-pressure investigations on the semi-Heusler compound CuMnSb. Physical Review B, 2018, 98, .	1.1	4
46	Reciprocal space tomography of 3D skyrmion lattice order in a chiral magnet. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6386-6391.	3.3	71
47	Field dependence of nonreciprocal magnons in chiral MnSi. Physical Review B, 2018, 97, .	1.1	26
48	Canted antiferromagnetism in phase-pure CuMnSb. Physical Review Materials, 2018, 2, .	0.9	14
49	Symmetry breaking, slow relaxation dynamics, and topological defects at the field-induced helix reorientation in MnSi. Physical Review B, 2017, 95, .	1.1	55
50	Room-temperature helimagnetism in FeGe thin films. Scientific Reports, 2017, 7, 123.	1.6	44
51	The first study of antiferromagnetic eosphorite-childrenite series $(\text{Mn}_{1-x}\text{Fe}_x)\text{Al}(\text{OH})_2\text{H}_2\text{O}$ ($x=0.5$). Journal of Magnetism and Magnetic Materials, 2017, 428, 17-27.	1.0	4
52	Reentrant Phase Diagram of Yb_2O_7 . Physical Review Letters, 2017, 119, 127201.	2.9	48
53	Low spin wave damping in the insulating chiral magnet Cu ₂ OSeO ₃ . Applied Physics Letters, 2017, 111, .	1.5	33
54	Linearly polarized GHz magnetization dynamics of spin helix modes in the ferrimagnetic insulator Cu ₂ OSeO ₃ . Scientific Reports, 2017, 7, 7037.	1.6	17

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55	Entropy-limited topological protection of skyrmions. <i>Science Advances</i> , 2017, 3, e1701704.	4.7	116
56	Dynamical Defects in Rotating Magnetic Skyrmion Lattices. <i>Physical Review Letters</i> , 2017, 118, 207205.	2.9	40
57	Neutron depolarization measurements of magnetite in chiton teeth. <i>Journal of Physics: Conference Series</i> , 2017, 862, 012024.	0.3	2
58	Single crystal growth of CeTAl ₃ (T=Cu, Ag, Au, Pd and Pt). <i>Journal of Alloys and Compounds</i> , 2016, 688, 978-986.	2.8	22
59	Ultra-high vacuum compatible induction-heated rod casting furnace. <i>Review of Scientific Instruments</i> , 2016, 87, 063909.	0.6	13
60	Kinetic small angle neutron scattering of the skyrmion lattice in MnSi. <i>New Journal of Physics</i> , 2016, 18, 075017.	1.2	16
61	Imaging and manipulation of skyrmion lattice domains in Cu ₂ OSeO ₃ . <i>Applied Physics Letters</i> , 2016, 109, .	1.5	16
62	Strain in epitaxial MnSi films on Si(111) in the thick film limit studied by polarization-dependent extended x-ray absorption fine structure. <i>Physical Review B</i> , 2016, 94, .	1.1	12
63	Multidomain Skyrmion Lattice State in Cu ₂ OSeO ₃ . <i>Nano Letters</i> , 2016, 16, 3285-3291.	4.5	75
64	RESPECT: Neutron resonance spin-echo spectrometer for extreme studies. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 837, 123-135.	0.7	7
65	HT-solution growth and characterisation of In Na Mn ₁₋₂ WO ₄ (0<x%0.26). <i>Journal of Solid State Chemistry</i> , 2016, 244, 140-150.	1.4	4
66	Heuristic Description of Magnetoelectricity of Cu ₂ OSeO ₃ . <i>Nano Letters</i> , 2016, 16, 5612-5618.	4.5	18
67	Resonant elastic x-ray scattering from the skyrmion lattice in Cu ₂ OSeO ₃ . <i>Physical Review B</i> , 2016, 93, .	1.1	46
68	History dependence of the magnetic properties of single-crystal $\text{Fe}_{1-x}\text{Mn}_x$. <i>Physical Review B</i> , 2016, 93, .	1.1	46
69	Positron spectroscopy of point defects in the skyrmion-lattice compound MnSi. <i>Scientific Reports</i> , 2016, 6, 29109.	1.6	23
70	Neutron depolarization imaging of the hydrostatic pressure dependence of inhomogeneous ferromagnets. <i>Applied Physics Letters</i> , 2016, 108, .	1.5	15
71	Ultra-high vacuum compatible preparation chain for intermetallic compounds. <i>Review of Scientific Instruments</i> , 2016, 87, 113902.	0.6	15
72	Generic Aspects of Skyrmion Lattices in Chiral Magnets. <i>Springer Series in Materials Science</i> , 2016, , 1-28.	0.4	47

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73	Scanning Probe Microscopy in an Ultra-Low Vibration Closed-Cycle Cryostat: Skyrmion Lattice Detection and Tuning Fork Implementation. <i>Microscopy Today</i> , 2015, 23, 12-17.	0.2	21
74	Low-temperature structural investigations of the frustrated quantum antiferromagnets $CsMnCl_3$. <i>Physical Review B</i> , 2015, 91, .	1.1	12
75	Spectroscopic study of metallic magnetism in single-crystalline $NbFe_2$. <i>Physical Review B</i> , 2015, 91, .	1.1	21
76	Role of commensurate and incommensurate low-energy excitations in the paramagnetic to hidden-order transition of URu_2Si_2 . <i>Physical Review B</i> , 2015, 92, .	1.1	9
77	Band Structure of Helimagnons in MnSi Resolved by Inelastic Neutron Scattering. <i>Physical Review Letters</i> , 2015, 115, 097203.	2.9	41
78	Spin-Resolved Fermi Surface of the Localized Ferromagnetic Heusler Compound Cu_2MnSi with Spin-Polarized Positron Annihilation. <i>Physical Review Letters</i> , 2015, 115, 206404.	2.9	19
79	Uniaxial Pressure Dependence of Magnetic Order in MnSi. <i>Physical Review Letters</i> , 2015, 115, 267202.	2.9	68
80	Neutron spin echo spectroscopy under 17 T magnetic field at RESEDA. <i>EPJ Web of Conferences</i> , 2015, 83, 03008.	0.1	19
81	Compact turnkey focussing neutron guide system for inelastic scattering investigations. <i>Applied Physics Letters</i> , 2015, 107, 253505.	1.5	4
82	Universal helimagnon and skyrmion excitations in metallic, semiconducting and insulating chiral magnets. <i>Nature Materials</i> , 2015, 14, 478-483.	13.3	194
83	Spin dynamics and spin freezing at ferromagnetic quantum phase transitions. <i>European Physical Journal: Special Topics</i> , 2015, 224, 1041-1060.	1.2	10
84	Quality of Heusler single crystals examined by depth-dependent positron annihilation techniques. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 119, 997-1002.	1.1	7
85	Raman study of the temperature and magnetic-field dependence of the electronic and lattice properties of MnSi. <i>Physical Review B</i> , 2014, 90, .	1.1	29
86	Versatile module for experiments with focussing neutron guides. <i>Applied Physics Letters</i> , 2014, 105, 123505.	1.5	11
87	Low-temperature properties of single-crystal CrB_2 . <i>Physical Review B</i> , 2014, 90, .	1.1	23
88	Real-Space and Reciprocal-Space Berry Phases in the Hall Effect of $MnSi$. <i>Physical Review Letters</i> , 2014, 112, 186601.	2.9	105
89	Critical spin-flip scattering at the helimagnetic transition of MnSi. <i>Physical Review B</i> , 2014, 89, .	1.1	21
90	de Haas-van Alphen effect and Fermi surface properties of single-crystal CrB_2 . <i>Physical Review B</i> , 2013, 88, .	1.1	11

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91	Fluctuation-induced first-order phase transition in Dzyaloshinskii-Moriya helimagnets. Physical Review B, 2013, 87, .	1.1	208
92	Giant generic topological Hall resistivity of MnSi under pressure. Physical Review B, 2013, 87, .	1.1	98
93	Formation of a topological non-Fermi liquid in MnSi. Nature, 2013, 497, 231-234.	13.7	105
94	Unwinding of a Skyrmion Lattice by Magnetic Monopoles. Science, 2013, 340, 1076-1080.	6.0	468
95	Ordinary and intrinsic anomalous Hall effects in Nb _{1-x} Fe _x Mn ₂ . Physical Review B, 2013, 87, .	1.1	21
96	Specific Heat of the Skyrmion Lattice Phase and Field-Induced Tricritical Point in MnSi. Physical Review Letters, 2013, 110, 177207.	2.9	120
97	Observation of Coherent Helimagnons and Gilbert Damping in an Itinerant Magnet. Physical Review Letters, 2012, 109, 247204.	2.9	19
98	Optical floating zone growth of high-quality Cu ₂ MnAl single crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 688, 66-74.	0.7	9
99	Long-Wavelength Helimagnetic Order and Skyrmion Lattice Phase in Cu ₂ OSeO ₃ . Physical Review Letters, 2012, 108, 237204.	2.9	377
100	Magnetic phase diagram of MnSi inferred from magnetization and ac susceptibility. Physical Review B, 2012, 85, .	1.1	176
101	Rotating skyrmion lattices by spin torques and field or temperature gradients. Physical Review B, 2012, 86, .	1.1	173
102	Ferrimagnetism in Fe-rich NbFe ₂ . Physical Review B, 2012, 85, .	1.1	34
103	Emergent electrodynamics of skyrmions in a chiral magnet. Nature Physics, 2012, 8, 301-304.	6.5	810
104	Vibrating-Coil Magnetometry of the Spin Liquid Properties of Tb ₂ O ₇ . Physical Review Letters, 2012, 109, 047201.	2.9	17
105	First Order Metamagnetic Transition in Ho ₂ Ti ₂ O ₇ Observed by Vibrating Coil Magnetometry at Milli-Kelvin Temperatures. Physical Review Letters, 2012, 108, 257204.	2.9	27
106	Time-resolved stroboscopic neutron scattering of vortex lattice dynamics in superconducting niobium. Physical Review B, 2011, 83, .	1.1	10
107	Neutron scattering studies of the lattice expansion in a ferromagnetic superconductor UGe ₂ under pressure. Journal of Physics: Conference Series, 2011, 273, 012085.	0.3	5
108	Surfaces get hairy. Nature Physics, 2011, 7, 673-674.	6.5	43

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109	Long-Range Crystalline Nature of the Skyrmion Lattice in MnSi. Physical Review Letters, 2011, 107, 217206.	2.9	117
110	Neutron depolarisation imaging: Stress measurements by magnetostriction effects in Ni foils. Physica B: Condensed Matter, 2011, 406, 2412-2414.	1.3	10
111	Turn-key module for neutron scattering with sub-micro-eV resolution. Applied Physics Letters, 2011, 98, 073505.	1.5	23
112	Ultra-high vacuum compatible image furnace. Review of Scientific Instruments, 2011, 82, 013902.	0.6	51
113	Distribution of lattice constants in CePt3Si observed by Larmor diffraction and SANS. Journal of Physics: Conference Series, 2010, 200, 012165.	0.3	2
114	Polarized neutron radiography with a periscope. Journal of Physics: Conference Series, 2010, 200, 112009.	0.3	14
115	Helimagnons in the skyrmion lattice of MnSi. Journal of Physics: Conference Series, 2010, 200, 032026.	0.3	13
116	Towards a tomographic reconstruction of neutron depolarization data. Journal of Physics: Conference Series, 2010, 211, 012025.	0.3	24
117	Comparison of Polarizers for Neutron Radiography. Journal of Physics: Conference Series, 2010, 251, 012068.	0.3	6
118	Magnetization of Pd _{1-x} Ni _x near quantum criticality. Journal of Physics: Conference Series, 2010, 200, 012036.	0.3	4
119	Search for Electronic Phase Separation at Quantum Phase Transitions. Journal of Low Temperature Physics, 2010, 161, 167-181.	0.6	13
120	Quantum phase transitions in NbFe ₂ and Ca ₃ Ru ₂ O ₇ . Physica Status Solidi (B): Basic Research, 2010, 247, 544-548.	0.7	12
121	Single skyrmions spotted. Nature, 2010, 465, 880-881.	13.7	62
122	Parasitic Small-Moment Antiferromagnetism and Nonlinear Coupling of Hidden Order and Antiferromagnetism in URu_2Si_2 by Larmor Diffraction. Physical Review Letters, 2010, 104, 106406.	2.9	72
123	Skyrmion Lattice Domains in Fe _{1-x} Co _x Si. Journal of Physics: Conference Series, 2010, 200, 032001.	0.3	30
124	Vibrating coil magnetometer for milli-Kelvin temperatures. Review of Scientific Instruments, 2010, 81, 043911.	0.6	13
125	Skyrmion lattice in the doped semiconductor $Fe_{1-x}Co_xSi$. Physical Review B, 2010, 81, .	1.1	595
126	Helimagnon bands as universal excitations of chiral magnets. Physical Review B, 2010, 81, .	1.1	65

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127	Skyrmion lattices in metallic and semiconducting B20 transition metal compounds. Journal of Physics Condensed Matter, 2010, 22, 164207.	0.7	111
128	Spin Transfer Torques in MnSi at Ultralow Current Densities. Science, 2010, 330, 1648-1651.	6.0	1,015
129	Quantum phase transitions in single-crystal MnSi . Physical Review B, 2010, 82, 114407.	14.3	1143
130	Morphology of the Superconducting Vortex Lattice in Ultrapure Niobium. Physical Review Letters, 2009, 102, 136408.	2.9	43
131	Quantum order in the chiral magnet MnSi. Journal of Physics Condensed Matter, 2009, 21, 164215.	0.7	15
132	Hall effect and magnetoresistance in MnSi. Physica B: Condensed Matter, 2009, 404, 3163-3166.	1.3	23
133	Intrinsic bulk vortex dynamics revealed by time resolved small angle neutron scattering. Physica B: Condensed Matter, 2009, 404, 3231-3234.	1.3	3
134	Pressure dependence of the magnetization in Pr_5Si_3 . Physica B: Condensed Matter, 2009, 404, 2887-2889.	1.3	1
135	Skyrmion Lattice in a Chiral Magnet. Science, 2009, 323, 915-919.	6.0	3,560
136	New angles on the border of antiferromagnetism in NiS_2 and URu_2Si_2 . Physica B: Condensed Matter, 2009, 404, 2955-2960.	1.3	11
137	Superconducting phases of f -electron compounds. Reviews of Modern Physics, 2009, 81, 1551-1624.	16.4	564
138	Topological Hall Effect in the A Phase of MnSi. Physical Review Letters, 2009, 102, 186602.	2.9	1,230
139	Borderline metals. Nature, 2008, 455, 1188-1189.	13.7	1
140	Magnetic Field and Pressure Dependence of Small Angle Neutron Scattering in MnSi. Physical Review Letters, 2007, 99, 156406.	2.9	22
141	Scientific Review: MIRA: Very Cold Neutrons for New Methods. Neutron News, 2007, 18, 25-28.	0.1	0
142	Non-Fermi Liquid Metal Without Quantum Criticality. Science, 2007, 316, 1871-1874.	6.0	115
143	Let's twist again. Nature, 2007, 447, 157-158.	13.7	7
144	Schizophrenic electrons. Nature, 2007, 450, 492-493.	13.7	9

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145	Phase separation and suppression of critical dynamics at quantum phase transitions of MnSi and (Sr $_{1-x}$ Cax)RuO $_3$. Nature Physics, 2007, 3, 29-35.	6.5	150
146	On the Identification of Fermi-Liquid Behavior in Simple Transition Metal Compounds. Journal of Low Temperature Physics, 2007, 147, 231-247.	0.6	17
147	Pressure dependence of the electronic properties of the quasi-two-dimensional organic superconductor $\text{P}^2\text{a}\epsilon^3\text{-(ET)2SF5CH2CF2SO3}$. Physica C: Superconductivity and Its Applications, 2007, 460-462, 639-640.	0.6	1
148	Rare-earth intermetallic compounds at a magnetic instability. Journal of Alloys and Compounds, 2006, 408-412, 9-15.	2.8	6
149	Spontaneous skyrmion ground states in magnetic metals. Nature, 2006, 442, 797-801.	13.7	1,592
150	Magnetotransport in. Physica B: Condensed Matter, 2006, 378-380, 44-45.	1.3	3
151	Magnetic-field induced instability surrounding the A-phase of MnSi: Bulk and SANS measurements. Physica B: Condensed Matter, 2006, 385-386, 385-387.	1.3	31
152	Pressure dependence of the magnetization of URu $_2$ Si $_2$. Physical Review B, 2006, 74, .	1.1	28
153	Low-temperature properties of the semi-Heusler compound CuMnSb. Physical Review B, 2006, 74, .	1.1	30
154	Specific heat and ac susceptibility studies of the superconducting phase diagram of PrOs $_4$ Sb $_{12}$. Physical Review B, 2006, 73, .	1.1	24
155	Low-temperature properties and magnetic order of EuZn $_2$ Sb $_2$. Physical Review B, 2006, 73, .	1.1	31
156	Suppression of ferromagnetism in CeSi $_{1.81}$ under temperature and pressure. Physical Review B, 2006, 73, .	1.1	28
157	phase diagram of the ferromagnetic superconductor URhGe. Physica B: Condensed Matter, 2005, 359-361, 1111-1113.	1.3	54
158	Chirality of magnetic-field aligned helical order in MnSi at high pressure. Physica B: Condensed Matter, 2005, 359-361, 1159-1161.	1.3	2
159	Hall effect across the quantum phase transition of CeCuAu. Physica B: Condensed Matter, 2005, 359-361, 86-88.	1.3	8
160	Pressure-induced magnetic quantum phase transition in CeSi. Physica B: Condensed Matter, 2005, 359-361, 92-94.	1.3	3
161	Single crystal studies of the europium pnictide EuZn $_2$ Sb $_2$. Physica B: Condensed Matter, 2005, 359-361, 226-228.	1.3	10
162	High-pressure investigations of the itinerant ferromagnet. Physica B: Condensed Matter, 2005, 359-361, 1216-1218.	1.3	19

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163	Magnetic field dependence of the specific heat of. Physica B: Condensed Matter, 2005, 359-361, 1273-1275.	1.3	0
164	Magnetic state of pyrochlore studied by pressure-dependent magnetization measurement. Physica B: Condensed Matter, 2005, 359-361, 1246-1248.	1.3	7
165	Why first order quantum phase transitions are interesting. Journal of Physics Condensed Matter, 2005, 17, S987-S997.	0.7	33
166	AC susceptibility studies of the superconductivity of PrOs ₄ Sb ₁₂ . Physica B: Condensed Matter, 2005, 359-361, 901-903.	1.3	6
167	Modulated and localized structures in cubic helimagnets. Physica B: Condensed Matter, 2005, 359-361, 1162-1164.	1.3	38
168	Quantum phase transitions in the itinerant ferromagnet. Physica B: Condensed Matter, 2005, 359-361, 1174-1176.	1.3	4
169	On the use of Cu:Be clamp cells in magnetization and neutron scattering studies. Journal of Physics Condensed Matter, 2005, 17, S3111-S3120.	0.7	11
170	Low-temperature properties of YbAl ₂ . Physical Review B, 2005, 71, .	1.1	12
171	Superconductivity induced by spark erosion in ZrZn ₂ . Physical Review B, 2005, 72, .	1.1	38
172	Quantum Phase Transitions in the Itinerant Ferromagnet ZrZn ₂ . Physical Review Letters, 2004, 93, 256404.	2.9	213
173	Partial order in the non-Fermi-liquid phase of MnSi. Nature, 2004, 427, 227-231.	13.7	342
174	Partial magnetic order in the itinerant-electron magnet MnSi. Pramana - Journal of Physics, 2004, 63, 117-123.	0.9	8
175	CeSi ₃ single crystals: growth features and properties. Journal of Crystal Growth, 2004, 269, 606-616.	0.7	19
176	Search for half-metallic antiferromagnetism using pulsed magnetic fields: experimental investigation of Mn ₃ Si, CuMnSb and PdMnTe. Physica B: Condensed Matter, 2004, 346-347, 137-141.	1.3	11
177	Quantum criticality and partial order in itinerant magnets. Physica C: Superconductivity and Its Applications, 2004, 408-410, 376-379.	0.6	2
178	Pressure dependence of the superconductivity in PuCoGa ₅ . Journal of Magnetism and Magnetic Materials, 2004, 272-276, 154-155.	1.0	19
179	Quantum criticality puzzle of ZrZn ₂ . Journal of Magnetism and Magnetic Materials, 2004, 272-276, 242-243.	1.0	3
180	Fermi-surface reconstruction close to a pressure-induced metal-insulator transition. European Physical Journal Special Topics, 2004, 114, 277-281.	0.2	1

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181	Investigation of the Quantum Phase Transition in CeCu _{6-x} Aux. ChemInform, 2003, 34, no.	0.1	0
182	Non-Fermi liquid puzzle of MnSi at high pressure. Physica B: Condensed Matter, 2003, 328, 100-104.	1.3	14
183	Are Mn ₃ Si and CuMnSb antiferromagnetic half-metals?. Physica B: Condensed Matter, 2003, 329-333, 1085-1086.	1.3	17
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185	Pressure-dependent magnetoresistance studies of $\text{Pr}^{2+}\text{Os}^{3+}(\text{ET})_2\text{SF}_5\text{CH}_2\text{CF}_2\text{SO}_3$. Synthetic Metals, 2003, 137, 1267-1268.	2.1	2
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