

Karel Prokes

List of Publications by Year in descending order

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292
papers

3,856
citations

136950

32
h-index

189892

50
g-index

300
all docs

300
docs citations

300
times ranked

3313
citing authors

#	ARTICLE	IF	CITATIONS
1	From $(\Gamma, 0)$ magnetic order to superconductivity with (Γ, Γ) magnetic resonance in $\text{Fe}_{1.02}\text{Te}_{1-x}\text{Se}_x$. Nature Materials, 2010, 9, 718-720.	27.5	248
2	Lattice collapse and quenching of magnetism in CaFe_2As_2 under pressure: A single-crystal neutron and x-ray diffraction investigation. Physical Review B, 2009, 79, .	3.2	164
3	Magnetic study of M-type doped barium hexaferrite nanocrystalline particles. Journal of Applied Physics, 2013, 114, .	2.5	112
4	Field-Induced Magnetic Phase Transitions in a Triangular Lattice Antiferromagnet CuFeO_2 up to 14.5 T. Journal of the Physical Society of Japan, 2000, 69, 3513-3516.	1.6	97
5	Phase decomposition and chemical inhomogeneity in $\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_4$. Physical Review B, 2004, 70, .	3.2	80
6	Spin Noncollinearity in Multiferroic Phase of Triangular Lattice Antiferromagnet $\text{CuFe}_{1-x}\text{Al}_x\text{O}_2$. Journal of the Physical Society of Japan, 2007, 76, 043709.	1.6	78
7	Inflection Point in the Magnetic Field Dependence of the Ordered Moment of URu_2Si_2 Observed by Neutron Scattering in Fields up to 17 T. Physical Review Letters, 2003, 90, 067203.	7.8	77
8	Field-induced ferroelectric state in frustrated magnet $\text{CuFe}_{1-x}\text{Al}_x\text{O}_2$. Journal of Physics Condensed Matter, 2007, 19, 145244.	1.8	72
9	Solitonic lattice and Yukawa forces in the rare-earth orthoferrite TbFeO_3 . Nature Materials, 2012, 11, 694-699.	27.5	70
10	Comprehensive study on ferroelectricity induced by a proper-screw-type magnetic ordering in multiferroic CuFeO_2 : Nonmagnetic impurity effect on magnetic and ferroelectric order. Physical Review B, 2009, 79, .	3.2	68
11	Magnetic ordering in $\text{U}_2\text{Pd}_2\text{In}$ and $\text{U}_2\text{Pd}_2\text{Sn}$. Physical Review B, 1994, 50, 6792-6801.	3.2	67
12	Giant magnetoresistance effects in intermetallic compounds (invited). Journal of Applied Physics, 1994, 76, 6913-6918.	2.5	65
13	Field-induced incommensurate-to-commensurate phase transition in the magnetoelectric hexaferrite $\text{Ba}_2\text{M}_2\text{Fe}_2\text{O}_{15}$. Physical Review B, 2011, 84, 020407.	3.2	65
14	Crystal structure and high-field magnetism of La_2CuO_4 . Physical Review B, 2006, 73, .	3.2	59
15	Flop of Electric Polarization Driven by the Flop of the Mn Spin Cycloid in Multiferroic TbMnO_3 . Physical Review Letters, 2009, 102, 207205.	7.8	56
16	Heavy fermion behavior of $\text{U}_2\text{T}_2\text{X}$ compounds. Journal of Applied Physics, 1994, 76, 6214-6216.	2.5	50
17	Dzyaloshinskii-Moriya interaction and spin reorientation transition in the frustrated kagome lattice antiferromagnet. Physical Review B, 2011, 83, .	3.2	50
18	Magnetism in $\text{U}_2\text{T}_2\text{X}$ compounds. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1367-1368.	2.3	48

#	ARTICLE	IF	CITATIONS
19	Evidence from neutron diffraction for superconductivity in the stabilized tetragonal phase of CaFe_2As_2 under uniaxial pressure. <i>Physical Review B</i> , 2010, 81, .	3.2	44
20	Novel Coexistence of Superconductivity with Two Distinct Magnetic Orders. <i>Physical Review Letters</i> , 2005, 95, 217002.	7.8	43
21	Effect of a magnetic field on the long-range magnetic order in insulating Nd_2CuO_4 and nonsuperconducting and superconducting $\text{Nd}_{1.85}\text{Ce}_{0.15}\text{CuO}_4$. <i>Physical Review B</i> , 2003, 68, .	3.2	42
22	Dipolar Antiferromagnetism and Quantum Criticality in LiErF_4 . <i>Science</i> , 2012, 336, 1416-1419.	12.6	42
23	Electronic properties of a URhGe single crystal. <i>Physica B: Condensed Matter</i> , 2002, 311, 220-232.	2.7	40
24	Anomalous spin distribution in the superconducting ferromagnet UCoGe studied by polarized neutron diffraction. <i>Physical Review B</i> , 2010, 81, .	3.2	40
25	PrRu_2Si_2 : A giant anisotropic induced magnet with a singlet crystal-field ground state. <i>Physical Review B</i> , 1997, 56, 8752-8759.	3.2	38
26	Structural and magnetic phase transitions of the orthovanadates $\text{VO} \times \text{R} \times \text{VO} \times \text{VO}$		

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37	High-field magnetization of U ₂ T ₂ X compounds (T = Co, Ni, Rh, Pd, Ir, Pt and X = In, Sn). Physica B: Condensed Matter, 1994, 201, 247-250.	2.7	25
38	Magnetic properties of the Kagomé mixed compounds(Co _x Ni _{1-x}) ₃ V ₂ O ₈ . Physical Review B, 2006, 74, .	3.2	25
39	Commensurate and incommensurate magnetic structures of UNiGe. Physical Review B, 1996, 54, 7201-7209.	3.2	24
40	Magnetic structure and interactions in the quasi-one-dimensional antiferromagnet $\text{CaV}_2\text{P}_2\text{O}_{11}$. Physical Review B, 2009, 79, .	3.2	23
41	Anisotropic magnetic and transport properties of UNiGe. IEEE Transactions on Magnetics, 1994, 30, 1214-1216.	2.1	22
42	Antiferromagnetic order of thin epitaxial Cr layers in an Fe/Cr(110) multilayer. Physical Review B, 2002, 65, .	3.2	22
43	Electronic properties of a UIrGe single crystal. Physical Review B, 1999, 60, 9532-9538.	3.2	21
44	Magnetic phases in unige. Journal of Alloys and Compounds, 1994, 213-214, 536-539.	5.5	20
45	Magnetic phase diagram of UNiGa. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1379-1380.	2.3	20
46	Superzone Gap Formation Evidenced by Specific Heat in UNiGa. Journal of the Physical Society of Japan, 1996, 65, 3312-3316.	1.6	20
47	Complex antiferromagnetic order of CeCuSn. Journal of Alloys and Compounds, 1994, 207-208, 245-248.	5.5	19
48	Hall effect and thermoelectric power in UNiGa. Physical Review B, 1996, 54, 15330-15334.	3.2	19
49	Low-temperature magnetic structure of UNiGe. Physical Review B, 1996, 53, 758-765.	3.2	19
50	Magnetization anisotropy of the Tm- and Fe-subsystems in Tm ₂ Fe ₁₇ . Journal of Magnetism and Magnetic Materials, 2001, 237, 158-168.	2.3	19
51	Fragile antiferromagnetism in the heavy-fermion compound YbBiPt. Physical Review B, 2014, 89, .	3.2	19
52	High-field magnetization studies of some U ₂ T ₂ X compounds. Physica B: Condensed Matter, 1995, 211, 142-144.	2.7	18
53	Canted ferromagnetic structure of UNiGe in high magnetic fields. Physical Review B, 2002, 65, .	3.2	18
54	Influence of Sample Preparation Technology and Treatment on Magnetism and Superconductivity of UCoGe. Journal of the Physical Society of Japan, 2011, 80, 084709.	1.6	18

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55	Magnetic structure and transitions of Dy ₂ Ni ₂ Pb. Physical Review B, 2003, 68, .	3.2	17
56	Field-induced magnetic phases in the normal and superconducting states of ErNi ₂ B ₂ C. Physical Review B, 2004, 69, .	3.2	17
57	Peculiarities of hydrides. Journal of Magnetism and Magnetic Materials, 2007, 310, 945-947.	2.3	17
58	Giant magnetoresistance effects in 5f-materials. Physica B: Condensed Matter, 1996, 223-224, 245-250.	2.7	16
59	Magnetic specific heat of a URhGe single crystal. Physica B: Condensed Matter, 2000, 281-282, 223-225.	2.7	16
60	Neutron scattering study of transverse magnetism in the metamagnet. European Physical Journal B, 2000, 15, 35-40.	1.5	16
61	Electronic structure and magnetism in UPtAl. Physical Review B, 2001, 64, .	3.2	16
62	Field-induced magnetic phase transitions and metastable states in $Tb_{1-x}Mn_x$. Physical Review B, 2018, 97, .	3.2	16
63	Magnetoresistance in actinide and lanthanide intermetallics. Journal of Alloys and Compounds, 1994, 207-208, 249-253.	5.5	15
64	Magnetic Phase Transitions and Magnetoelastic Phenomena in UNiGa under Pressure. Journal of the Physical Society of Japan, 1997, 66, 1904-1907.	1.6	15
65	5f-band metamagnetism in UCoAl. Physica B: Condensed Matter, 1997, 230-232, 98-101.	2.7	15
66	Magnetic structures of UNiAl in magnetic fields. Physica B: Condensed Matter, 1999, 259-261, 246-247.	2.7	15
67	Field-induced commensurate long-range order in the Haldane-gap system Ni(C ₅ H ₁₄ N ₂) ₂ N ₃ (ClO ₄). Europhysics Letters, 2001, 55, 868-873.	2.0	15
68	Direct evidence of chemical and crystallographic phase separation in K _{0.65} Fe _{1.74} Se. Physical Review B, 2013, 88, 040407.	3.2	15
69	Neutron study of the magnetism in NiCl ₂ ·4SC(NH ₂) ₂ . Journal of Physics Condensed Matter, 2013, 25, 216008.	1.8	15
70	Spin dynamics in RENi ₅ ferromagnets by ¹ / ₄ SR measurements. Hyperfine Interactions, 1994, 85, 239-244.	0.5	14
71	Simple calculation of hybridization effects in UTX and U ₂ T ₂ X compounds. Physica B: Condensed Matter, 1995, 206-207, 8-10.	2.7	14
72	Electronic properties of U ₂ Ni ₂ Sn. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1369-1370.	2.3	14

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73	Magnetic response function in URhAl. <i>Physica B: Condensed Matter</i> , 1997, 230-232, 89-91.	2.7	14
74	Magnetic properties of UNiAl under pressure. <i>Physical Review B</i> , 1999, 59, 8720-8724.	3.2	14
75	Metamagnetic transitions and giant magnetoresistance in UNiGe. <i>Physica B: Condensed Matter</i> , 1994, 201, 251-254.	2.7	13
76	Thermal expansion of single-crystalline UNiAl. <i>Journal of Applied Physics</i> , 1996, 79, 6358.	2.5	13
77	Magnetization and neutron diffraction studies of Lu ₂ Fe ₁₇ under high pressure. <i>Journal of Physics Condensed Matter</i> , 2005, 17, S3069-S3075.	1.8	13
78	Competing magnetic structures and magnetic transitions in $Er_{2-x}Co_x$. Powder neutron diffraction measurements. <i>Physical Review B</i> , 2008, 78, .	3.2	13
79	Structural inhomogeneities in $FeTe_{1-x}Se_x$. Relation to superconductivity. <i>Journal of Crystal Growth</i> , 2015, 432, 95-104.	1.5	13
80	Charge density wave with anomalous temperature dependence in UPt_3 . <i>Physical Review B</i> , 2020, 102, .	3.2	13
81	Magnetism in URhSi. <i>Journal of Applied Physics</i> , 1996, 79, 5221.	2.5	12
82	Magnetic phenomena in UNi _{1-x} Rh _x Al compounds. <i>Journal of Alloys and Compounds</i> , 1999, 282, 64-71.	5.5	12
83	Magnetic phase transitions in TbNi ₅ single crystal: Bulk properties and neutron diffraction studies. <i>JETP Letters</i> , 2005, 82, 34-38.	1.4	12
84	Electric polarization memory effect in a magnetoelectric multiferroic $CuFe_{1-x}Ga_xO_2$. <i>Physica B: Condensed Matter</i> , 2009, 404, 2532-2534.	2.7	12
85	Antiferromagnetic ordering in a mixed-valent cerium compound CeRuSn. <i>Physical Review B</i> , 2013, 87, .	3.2	12
86	GMR effects in actinide intermetallics. <i>Physica B: Condensed Matter</i> , 1995, 206-207, 501-504.	2.7	11
87	Suppression of incommensurate spin-density waves in thin epitaxial Cr(110) layers of a V/Cr multilayer. <i>European Physical Journal B</i> , 2003, 36, 175-181.	1.5	11
88	Magnetic order in CePdAl single crystal: Effect of magnetic field. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 359-362.	2.7	11
89	Effect of Co substitution on the magnetic order in $Ca(Fe_{1-x}Co_x)_2As_2$ single crystals studied by neutron diffraction. <i>Physical Review B</i> , 2011, 83, .	3.2	11
90	Anisotropy of the (χ''/ω) dynamic susceptibility in magnetically ordered ($x=0.05$) and superconducting ($x=0.40$) $Fe_{1.02}Te_{1-x}Se_x$. <i>Physical Review B</i> , 2012, 86, .	3.2	11

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91	Spin-lattice-coupling-mediated magnetorhelectric phase transition induced by uniaxial pressure in multiferroic CuFe_2O_4		

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109	Field-induced magnetic and structural domain alignment in PrO ₂ . Physical Review B, 2004, 70, .	3.2	9
110	NdRhSn: A ferromagnet with an antiferromagnetic precursor. Physical Review B, 2011, 83, .	3.2	9
111	Gradual Localization of f States in Orthorhombic UTX Ferromagnets: Polarized Neutron Diffraction Study of Ru Substituted UCoGe. Journal of the Physical Society of Japan, 2015, 84, 084707.	1.6	9
112	Inhomogeneities and superconductivity in poly-phase Fe-Se-Te systems. Physica B: Condensed Matter, 2018, 531, 102-109.	2.7	9
113	Metamagnetism and electronic structure of UNiGa. Journal of Applied Physics, 1997, 81, 5778-5780.	2.5	8
114	Antiferromagnetism and domain effects in UPdSn. Physical Review B, 1998, 58, 9269-9275.	3.2	8
115	On the magnetic structure of UIrGe. Physica B: Condensed Matter, 2004, 350, E199-E202.	2.7	8
116	Low magnetic field phase diagram of UCoGe. Physical Review B, 2010, 82, .	3.2	8
117	Anisotropic magnetic field responses of ferroelectric polarization in the trigonal multiferroic CuFeO_2 . Physical Review B, 2010, 81, .	3.2	8
118	Neutron diffraction study on the two-dimensional Ising system $\text{KEr}(\text{MoO}_4)_2$. Physical Review B, 2010, 82, .	3.2	8
119	Phase diagram with an enhanced spin-glass region of the mixed Ising $\text{LiHo}_x\text{Er}_{1-x}\text{F}_4$. Physical Review B, 2013, 88, .	3.2	8
120	Crystal structure transformation in CeRuSn seen via the atomic pair distribution function. Physical Review B, 2014, 89, .	3.2	8
121	Valence modulations in CeRuSn. Physical Review B, 2014, 90, .	3.2	8
122	Uniaxial pressure effects on spin-lattice coupled phase transitions in a geometrical frustrated magnet CuFeO_2 . Physical Review B, 2016, 94, .	3.2	8
123	E4: The 2-Axis Diffractometer at BER II. Journal of Large-scale Research Facilities JLSRF, 0, 3, A104.	0.0	8
124	U ₂ T ₂ X (T=Co, Ni, Rh, Pd, Ir, Pt; X=In, Sn) compounds in high magnetic fields. Physica B: Condensed Matter, 1998, 246-247, 129-134.	2.7	7
125	Magnetic structure of U ₂ Pt ₂ Sn. Journal of Magnetism and Magnetic Materials, 1999, 202, 451-457.	2.3	7
126	Pressure effects on antiferromagnetism in UNiAl. Journal of Applied Physics, 2000, 87, 5152-5154.	2.5	7

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127	Microscopic origin of irreversible GMR effect in CePtSn around. Physica B: Condensed Matter, 2003, 328, 145-147.	2.7	7
128	Commensurate- ϵ incommensurate phase transition in TbNi ₅ . Journal of Magnetism and Magnetic Materials, 2006, 300, e411-e414.	2.3	7
129	Magnetic specific heat and magnetoresistance of URhSi. Journal of Alloys and Compounds, 2008, 460, 47-53.	5.5	7
130	Magnetization densities in URhSi studied by polarized neutron diffraction. Physical Review B, 2009, 79, Magnetolectric properties in orthorhombic Nd	3.2	7
131	$Y_{1-x}MnO_x$	3.2	7
132	Coexistence of different magnetic moments in CeRuSn probed by polarized neutrons. Physical Review B, 2015, 91, .	3.2	7
133	Magnetic properties of single-crystalline UCu ₃ Al ₂ . IEEE Transactions on Magnetics, 1994, 30, 1217-1219.	2.1	6
134	Incommensurate antiferromagnetic phase in UNiGe. Journal of Applied Physics, 1994, 76, 6217-6219.	2.5	6
135	Electronic properties of CeCuGa and LaCuGa. IEEE Transactions on Magnetics, 1994, 30, 1202-1204.	2.1	6
136	Non-Fermi-liquid scaling in U(Cu,Al) ₅ compounds. Physica B: Condensed Matter, 1997, 230-232, 616-619.	2.7	6
137	Magnetization densities and uranium form factors in UNiGa and UNiAl. Physica B: Condensed Matter, 1997, 241-243, 678-680.	2.7	6
138	Pressure dependence of the ferromagnetic to antiferromagnetic transition in Fe ₃ (Ga _{1-x} Al _x) ₄ with x=0.0 and 0.1. Journal of Applied Physics, 1999, 85, 4738-4740.	2.5	6
139	Metamagnetic transition in U ₂ Pd ₂ In. Physica B: Condensed Matter, 2001, 294-295, 288-291.	2.7	6
140	Magnetic field induced irreversibility in UNiAl. Journal of Applied Physics, 2001, 89, 7639-7641.	2.5	6
141	Magnetic properties and magnetic structure of HoTiGe and ErTiGe. Journal of Alloys and Compounds, 2002, 335, 62-69.	5.5	6
142	Neutron-diffraction study of CePtSn. Applied Physics A: Materials Science and Processing, 2002, 74, s731-s733.	2.3	6
143	Magnetic structure of URhSi single crystal. Journal of Magnetism and Magnetic Materials, 2003, 261, 131-138.	2.3	6
144	Magnetic structures in DyNiAl single crystal. Physica B: Condensed Matter, 2006, 385-386, 346-348.	2.7	6

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145	5f Magnetism studied in complex intermetallic U-based hydrides. Journal of Alloys and Compounds, 2007, 446-447, 606-609.	5.5	6
146	Magnetic order of CePdAl under pressure neutron diffraction study. Journal of Magnetism and Magnetic Materials, 2007, 310, e28-e30.	2.3	6
147	Neutron diffraction studies of magnetic-shape memory Ni-Mn-Ga single crystal. Journal of Magnetism and Magnetic Materials, 2007, 316, 386-389.	2.3	6
148	The field-induced magnetic structure in UIrGe. Journal of Physics Condensed Matter, 2008, 20, 104221.	1.8	6
149	Magnetic structure of Er ₆ Ni ₂ Sn. Journal of Alloys and Compounds, 2009, 467, 48-53.	5.5	6
150	An unexpected gap: Magnetic structures of $\text{U}_2\text{Ru}_2\text{Al}_3$. xmls:xocs="http://www.elsevier.com/xml/xocs/dtd" xmls:xs="http://www.w3.org/2001/XMLSchema" xmls:xsi="http://www.w3.org/2001/XMLSchema-instance" xmls="http://www.elsevier.com/xml/ja/dtd" xmls:ja="http://www.elsevier.com/xml/ja/dtd" xmls:mml="http://www.w3.org/1998/Math/MathML" xmls:tb="http://www.elsevier.com/xml/common/table/dtd" xmls:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmls:ce="http://www.el. Acta	7.9	6
151	Magnetic structures in the magnetic phase diagram of $\text{U}_2\text{Ru}_2\text{Al}_3$. xmls:mml="http://www.w3.org/1998/Math/MathML" < mml:mrow > < mml:msub > < mml:mi > Ho </ mml:mi > < mml:mrow > < mml:mi > 2 </ mml:mi > < mml:mi > Ru </ mml:mi > < mml:mrow > < mml:mi > 3 </ mml:mi > < mml:mi > Al </ mml:mi > < mml:mi > 3 </ mml:mi > </ mml:mrow > Physical Review B, 2015, 91, .	3.2	6
152	Activation of frozen ferroelectric domain wall by magnetic field sweeping in multiferroic CuFeO_2 . Physical Review B, 2016, 93, .	3.2	6
153	Magnetic structure in a $\text{U}_2\text{Ru}_2\text{Al}_3$ single crystal studied by neutron diffraction. xmls:mml="http://www.w3.org/1998/Math/MathML" < mml:mrow > < mml:mi > U </ mml:mi > < mml:msub > < mml:mrow > < mml:mi > 2 </ mml:mi > < mml:mi > Ru </ mml:mi > < mml:mrow > < mml:mi > 3 </ mml:mi > < mml:mi > Al </ mml:mi > < mml:mi > 3 </ mml:mi > </ mml:mrow > Physical Review B, 2017, 96, .	3.2	6
154	Comparison of giant magnetoresistance in multilayer systems and uranium compounds. Journal of Applied Physics, 1994, 75, 6522-6524.	2.5	5
155	Muon spin rotation spectroscopy on a UNiGa single crystal. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1381-1382.	2.3	5
156	Possible heavy-fermion behaviour of new U(Cu, Al) ₅ compounds. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1261-1262.	2.3	5
157	Electronic properties of U ₂ Pt ₂ Sn. Journal of Applied Physics, 1996, 79, 6361.	2.5	5
158	Magnetism in UPdSi. Physica B: Condensed Matter, 1997, 229, 101-112.	2.7	5
159	Thermal properties of UPdSn and UCuSn. Physica B: Condensed Matter, 1997, 237-238, 226-228.	2.7	5
160	Effect of pressure on thermal expansion of UNiGa. Physica B: Condensed Matter, 1997, 239, 109-112.	2.7	5
161	Magnetic phases and magnetoelastic phenomena in UNiGa under pressure. Journal of Alloys and Compounds, 1998, 271-273, 495-498.	5.5	5
162	Electronic properties of. Journal of Physics Condensed Matter, 1999, 11, 2955-2964.	1.8	5

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163	Possible non-Fermi-liquid behaviour in URh ₁ /3Ni ₂ /3Al. Physica B: Condensed Matter, 2000, 281-282, 377-378.	2.7	5
164	Magnetic properties and magnetic structure of DyTiGe. Physica B: Condensed Matter, 2001, 307, 169-174.	2.7	5
165	Electronic properties of UIrGe in high magnetic fields. Journal of Applied Physics, 2001, 89, 7186-7188.	2.5	5
166	Neutron Research in High Magnetic Fields at the Helmholtz-Zentrum Berlin. Neutron News, 2009, 20, 24-27.	0.2	5
167	Magnetic structure of La ₂ O ₃ FeMnSe ₂ : neutron diffraction and physical property measurements. Journal of Physics Condensed Matter, 2013, 25, 086004.	1.8	5
168	Neutron diffraction study of low-temperature magnetic phase diagram of an isosceles-triangular-lattice Ising antiferromagnet $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{CoNb} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \text{mathvariant="normal"} \rangle \text{O} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 6 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \text{mathvariant="normal"} \rangle$.	3.2	5
169	Anisotropic physical properties of single-crystal $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{U} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Rh} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \text{mathvariant="normal"} \rangle$ in high magnetic fields. Physical Review B, 2017, 95, .	3.2	5
170	Search for enhanced magnetism at the interface between $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Bi} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \text{mathvariant="normal"} \rangle$ and EuSe. Physical Review B, 2021, 103, .	2.2	5
171	High field magnetization of a NdCu ₂ single crystal. Physica B: Condensed Matter, 1995, 211, 172-174.	2.7	4
172	Magnetism and hybridization in UTIn compounds (T $\hat{\rightarrow}$ Rh, Pt, Pd). Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1391-1392.	2.3	4
173	Magnetic properties of UCo _{1-x} FexSn. Journal of Alloys and Compounds, 1995, 224, 89-92.	5.5	4
174	Electronic properties of UCuSn. Journal of Applied Physics, 1996, 79, 6408.	2.5	4
175	Magnetic ordering in UPtSi. Physica B: Condensed Matter, 1996, 225, 166-176.	2.7	4
176	Specific heat of UNiGe in high magnetic fields. Journal of Applied Physics, 1997, 81, 4157-4159.	2.5	4
177	Commensurate and incommensurate magnetic order of UPdSi. Physica B: Condensed Matter, 1997, 241-243, 687-689.	2.7	4
178	Magnetoelastic phenomena in UNiGa. Journal of Magnetism and Magnetic Materials, 1998, 184, 369-371.	2.3	4
179	Magnetic phase diagrams of UNiGe. Physica B: Condensed Matter, 1998, 246-247, 441-444.	2.7	4
180	Reduced magnetic moments in UNiSi. Journal of Alloys and Compounds, 1998, 269, 43-49.	5.5	4

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181	Magnetic anisotropy in UNiGa determined by polarized neutrons. Physica B: Condensed Matter, 2001, 301, 255-260.	2.7	4
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