

# Karel Prokes

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structural and magnetic properties of the quantum magnet BaCuTe2O6. Physical Review B, 2021, 103, .	3.2	3
2	Search for enhanced magnetism at the interface between $\text{SrBi}_2\text{Te}_3$ and EuSe. Physical Review B, 2021, 103, .	3.2	0
3	Charge density wave with anomalous temperature dependence in $\text{UPT}_2\text{Si}_2$ . Physical Review B, 2020, 102, .	3.2	0
4	Acoustic signatures of the phase transitions in the antiferromagnet $\text{U}_2\text{Rh}_2\text{Si}_2$ . Physical Review B, 2020, 101, .	3.2	2
5	Anisotropic effect of a magnetic field on the neutron spin resonance in FeSe. Physical Review B, 2020, 101, .	0.8	2
6	High temperature tetragonal crystal structure of $\text{UPT}_2\text{Si}_2$ . Zeitschrift Fur Kristallographie - Crystalline Materials, 2020, 235, 175-181.	3.6	2
7	Noncollinear magnetic structure in $\text{U}_2\text{Pd}_2\text{Si}_2$ at high magnetic fields. Physical Review Research, 2020, 2, .	3.2	4
8	Magnetic-field effects on the fragile antiferromagnetism in YbBiPt. Physical Review B, 2019, 99, .	2.3	1
9	Polarized neutron diffraction on a diamagnetic bismuth single crystal. Journal of Magnetism and Magnetic Materials, 2019, 485, 286-290.	2.5	10
10	Magnetic-field-induced incommensurate to collinear spin order transition in NiBr2. Journal of Applied Physics, 2019, 125, 093902.	3.2	1
11	Field-induced phases in a heavy-fermion $\text{U}(\text{Ru}_{0.92}\text{Rh}_{0.08})_2\text{Si}_2$ single crystal. Physical Review B, 2019, 99, .	1.2	2
12	Crystal Growth and Structure Determination of Pigment Orange 82. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 564-569.	2.7	9
13	Inhomogeneities and superconductivity in poly-phase Fe-Se-Te systems. Physica B: Condensed Matter, 2018, 531, 102-109.	2.7	4
14	Commensurate transverse helical ordering in the room-temperature magnetoelectric $\text{Co}_2\text{Z}$ hexaferrite. Physica B: Condensed Matter, 2018, 551, 122-126.	2.7	1
15	Field-induced magnetic phase transitions and metastable states in $\text{Tb}_3\text{Mg}_6$ . Physical Review B, 2018, 97, .	3.2	0
16	High-field study of $\text{UCo}_2\text{Si}_2$ : Magnetostriction at metamagnetic transition and influence of Fe substitution. Physica B: Condensed Matter, 2018, 536, 567-571.	2.7	1
17	Tuning the orbital-lattice fluctuations in the mixed spin-dimer system $\text{Ba}_3\text{Sr}_2\text{Cr}_2\text{O}_{10}$ . Physical Review B, 2018, 98, .	2.7	1
18	Tuning the orbital-lattice fluctuations in the mixed spin-dimer system $\text{Ba}_3\text{Sr}_2\text{Cr}_2\text{O}_{10}$ . Physical Review B, 2018, 98, .	2.7	1

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19	Magnetic and electronic properties of NpPdSn. Physical Review Materials, 2018, 2, .	2.4	2
20	Magnetic structure of $\text{La}_{19}\text{O}$ . Physical Review B, 2017, 95, .	3.2	1
21	Electronic properties of a heavy-fermion $\text{U}(\text{Ru}_{0.92}\text{Rh}_{0.08})_2\text{Si}_2$ single crystal. Physical Review B, 2017, 95, .	3.2	10
22	Magnetic structure in a $\text{U}(\text{Ru}_{0.92}\text{Rh}_{0.08})_2\text{Si}_2$ single crystal studied by neutron diffraction. Physical Review B, 2017, 96, .	3.2	6
23	Evolution of the partially frustrated magnetic order in $\text{CePd}_{1-x}\text{Ni}_x\text{Al}$ . Physical Review B, 2017, 96, .	3.2	3
24	Field-induced metastability of the modulation wave vector in a magnetic soliton lattice. Physical Review B, 2017, 95, .	3.2	3
25	Magnetic phase diagram of $\text{CeCu}_2\text{Ge}_2$ up to 15 T: On the route to understand field-induced phase transitions. Physical Review B, 2017, 95, .	3.2	1
26	Spin-lattice-coupling-mediated magnetoelectric phase transition induced by uniaxial pressure in multiferroic $\text{CuFe}$ .		

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37	Probing Magnetism in CePdAl under Multi-Extreme Conditions using Polarized Neutrons. Journal of Physics: Conference Series, 2015, 592, 012082.	0.4	2
38	Magnetic neutron diffraction and pressure studies on CeRuSn. Journal of Physics: Conference Series, 2015, 592, 012091.	0.4	1
39	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
40	Neutron Diffraction Studies: Structure and Physical Properties of $\text{La}_2\text{O}_3 \times \text{Fe}_2\text{Se}_2$ . Journal of Superconductivity and Novel Magnetism, 2015, 28, 1111-1116.	1.8	1
41	Structural inhomogeneities in $\text{FeTe}_{1-x}\text{Se}_x$ Relation to superconductivity. Journal of Crystal Growth. 2015. 432, 95-104.	1.5	13
42	Coexistence of different magnetic moments in CeRuSn probed by polarized neutrons. Physical Review B, 2015, 91, .	3.2	7
43	Nonmagnetic Impurity Effect on Magnetic Phase Transitions in an Isosceles Triangular Lattice Ising Chain Antiferromagnet $\text{CoNb}_2\text{O}_6$ . Journal of the Physical Society of Japan, 2014, 83, 094723.	1.6	4
44	Magnetism in $\text{UCo}_{0.88}\text{Ru}_{0.12}\text{Ge}$ Studied by Polarized Neutrons. Acta Physica Polonica A, 2014, 126, 330-331.	0.5	0
45	(3 + 1)-dimensional crystal and antiferromagnetic structures in CeRuSn. Journal of Physics Condensed Matter, 2014, 26, 122201.	1.8	10
46	Crystal structure transformation in CeRuSn seen via the atomic pair distribution function. Physical Review B, 2014, 89, .	3.2	8
47	Valence modulations in CeRuSn. Physical Review B, 2014, 90, .	3.2	8
48	Magnetic domain growth in geometrically frustrated Ising antiferromagnets $\text{CoNb}_2\text{O}_6$ . Physical Review B, 2014, 90, .	3.2	2
49	Fragile antiferromagnetism in the heavy-fermion compound YbBiPt. Physical Review B, 2014, 89, .	3.2	19
50	An unexpected gap: Magnetic structures of $\text{CoNb}_2\text{O}_6$ . Physical Review B, 2014, 89, .	7.9	6
51	Uniaxial-pressure control of geometrical spin frustration in an Ising antiferromagnet $\text{CoNb}_2\text{O}_6$ via anisotropic deformation of the isosceles lattice. Physical Review B, 2014, 90, .	3.2	4
52	Probing static and dynamic correlations in matter under extreme conditions: Concept of multi-purpose instrument at the European Spallation Source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 764, 30-41.	1.6	2
53	The High Magnetic Field Magnet for Neutron Studies at Helmholtz Zentrum Berlin. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, C164-C164.	0.1	0
54	Magnetic order in $\text{YbMn}_2\text{Si}_2$ Neutron scattering investigation. Journal of the Korean Physical Society, 2013, 63, 314-319.	0.7	3

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55	Neutron study of the magnetism in $\text{NiCl}_2 \cdot 4\text{SC}(\text{NH}_2)_2$ . Journal of Physics Condensed Matter, 2013, 25, 216008.	1.8	15
56	Antiferromagnetic ordering in a mixed-valent cerium compound $\text{CeRuSn}$ . Physical Review B, 2013, 87, .	3.2	12
57	Magnetic structure of $\text{La}_2\text{O}_3\text{FeMnSe}_2$ : neutron diffraction and physical property measurements. Journal of Physics Condensed Matter, 2013, 25, 086004.	1.8	5
58	Publisher's Note: Direct evidence of chemical and crystallographic phase separation in $\text{K}_0.65\text{Fe}_{1.74}\text{Se}_2$ [Phys. Rev. B86, 224502 (2012)]. Physical Review B, 2013, 87, .	3.2	0
59	Magnetic study of M-type doped barium hexaferrite nanocrystalline particles. Journal of Applied Physics, 2013, 114, .	2.5	112
60	Phase diagram with an enhanced spin-glass region of the mixed Ising-XY magnet $\text{LiHo}_x\text{Er}_{1-x}\text{F}_4$ . Physical Review B, 2013, 88, .	3.2	8
61	Anisotropy of the $(\chi', \chi'')$ dynamic susceptibility in magnetically ordered $(x=0.05)$ and superconducting $(x=0.40)$ $\text{Fe}_{1.02}\text{Te}_{1-x}\text{Se}_x$ . Physical Review B, 2012, 86, .	3.2	11
62	Magnetoelectric properties in orthorhombic $\text{NdMnO}_3$ . Physical Review B, 2012, 86, .	3.2	7
63	Collapsed tetragonal phase in $\text{Ca}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$ stabilized by pressure: Structural studies using single-crystal neutron diffraction. Physical Review B, 2012, 85, .	3.2	2
64	Effect of uniaxial pressure on helimagnetic structure in $\text{Lu}_2\text{Fe}_{17}$ . Journal of Physics: Conference Series, 2012, 340, 012067.	0.4	3
65	Dipolar Antiferromagnetism and Quantum Criticality in $\text{LiErF}_4$ . Science, 2012, 336, 1416-1419.	12.6	42
66	Effects of magnetic anisotropy and exchange in $\text{Tm}_2\text{Fe}_{17}$ . Journal of Experimental and Theoretical Physics, 2012, 115, 837-848.	0.9	2
67	Direct evidence of chemical and crystallographic phase separation in $\text{KFe}_{1.74}\text{Se}_2$ . Physical Review B, 2012, 86, .	3.2	15
68	Solitonic lattice and Yukawa forces in the rare-earth orthoferrite $\text{TbFeO}_3$ . Nature Materials, 2012, 11, 694-699.	27.5	70
69	The magnetic properties of potassium holmium double tungstate. Low Temperature Physics, 2011, 37, 678-683.	0.6	2
70	Structural and magnetic phase transitions of the orthovanadates $\text{VO}_2$ . Physical Review B, 2011, 84, .		

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73	Magnetization distribution in the tetragonal $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$ , $x=0.066$ probed by polarized neutron diffraction. Europhysics Letters, 2011, 93, 32001.	2.0	3
74	Relation between superconductivity and tetragonal phase stabilized by uniaxial pressure in $\text{CaFe}_2\text{As}_2$ . Journal of Physics: Conference Series, 2011, 273, 012102.	0.4	0
75	Transverse magnetism in uniaxial antiferromagnet UNiGa. Journal of Physics Condensed Matter, 2011, 23, 076001.	1.8	2
76	Effect of Co substitution on the magnetic order in $\text{Ca}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$ single crystals studied by neutron diffraction. Physical Review B, 2011, 83, .	3.2	11
77	Dzyaloshinskii-Moriya interaction and spin reorientation transition in the frustrated kagome lattice antiferromagnet. Physical Review B, 2011, 83, .	3.2	50
78	The specific heat of potassium holmium double tungstate. Phase Transitions, 2011, 84, 944-951.	1.3	1
79	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
80	Field induced phases in a GMR system TbNiSn. Journal of Physics: Conference Series, 2010, 251, 012023.	0.4	1
81	Neutron diffraction on the layered Ising magnet $\text{K}(\text{MoO}_4)_2$ . Journal of Physics: Conference Series, 2010, 251, 012024.	0.4	2
82	From $(\Gamma, 0)$ magnetic order to superconductivity with $(\Gamma, \Gamma)$ magnetic resonance in $\text{Fe}_{1.02}\text{Te}_{1-x}\text{Se}_x$ . Nature Materials, 2010, 9, 718-720.	27.5	248
83	Evidence from neutron diffraction for superconductivity in the stabilized tetragonal phase of $\text{CaFe}_2\text{As}_2$ under uniaxial pressure. Physical Review B, 2010, 81, .	3.2	44
84	Low magnetic field phase diagram of UCoGe. Physical Review B, 2010, 82, .	3.2	8
85	Anisotropic magnetic field responses of ferroelectric polarization in the trigonal multiferroic $\text{CuFe}(\text{MoO}_4)_2$ . Physical Review B, 2010, 81, .	3.2	8
86	Anomalous spin distribution in the superconducting ferromagnet UCoGe studied by polarized neutron diffraction. Physical Review B, 2010, 81, .	3.2	40
87	Neutron diffraction study on the two-dimensional Ising system $\text{K}(\text{MoO}_4)_2$ . Physical Review B, 2010, 82, .	3.2	8
88	Characterization of the Weak Itinerant Ferromagnetic Order in Single-Crystalline UIr. Journal of the Physical Society of Japan, 2010, 79, 014702.	1.6	4
89	Comprehensive study on ferroelectricity induced by a proper-screw-type magnetic ordering in multiferroic $\text{CuFeO}_2$ : Nonmagnetic impurity effect on magnetic and ferroelectric order. Physical Review B, 2009, 79, .	3.2	68
90	Magnetic structure and effects of pressure on $\text{U}_4\text{PdGa}_{12}$ . Physical Review B, 2009, 79, .	3.2	3

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91	Magnetic structure and interactions in the quasi-one-dimensional antiferromagnet $\text{CaV}_2\text{P}_2\text{O}_{12}$ . Physical Review B, 2009, 79, .	3.2	23
92	Magnetization densities in URhSi studied by polarized neutron diffraction. Physical Review B, 2009, 79, .	3.2	7
93	Flop of Electric Polarization Driven by the Flop of the Mn Spin Cycloid in Multiferroic $\text{TbMnO}_3$ . Physical Review Letters, 2009, 102, 207205.	7.8	56
94	Neutron Research in High Magnetic Fields at the Helmholtz-Zentrum Berlin. Neutron News, 2009, 20, 24-27.	0.2	5
95	Anomalous shift of magnetic diffuse scattering studied by neutron diffraction. Journal of Physics Condensed Matter, 2009, 21, 285402.	1.8	3
96	The effect of uniaxial pressure on the antiferromagnetic structure of UNiAl studied using single-crystal neutron diffraction. Journal of Physics Condensed Matter, 2009, 21, 236009.	1.8	0
97	Antiferromagnetic structure in UNiAl at dilution temperatures. Physica B: Condensed Matter, 2009, 404, 3025-3027.	2.7	3
98	Electric polarization memory effect in a magnetoelectric multiferroic $\text{CuFe}_{1-x}\text{Ga}_x\text{O}_2$ . Physica B: Condensed Matter, 2009, 404, 2532-2534.	2.7	12
99	On the ground-state magnetic structure in $\text{Er}_2\text{Ni}_2\text{Pb}$ . European Physical Journal B, 2009, 67, 1-6.	1.5	3
100	Lattice collapse and quenching of magnetism in $\text{CaFe}_2\text{As}_2$ under pressure: A single-crystal neutron and x-ray diffraction investigation. Physical Review B, 2009, 79, .	3.2	164
101	Magnetic structure of $\text{Er}_6\text{Ni}_2\text{Sn}$ . Journal of Alloys and Compounds, 2009, 467, 48-53.	5.5	6
102	Field-induced ferromagnetic structure in $\text{Er}_2\text{Ni}_2\text{Pb}$ . Journal of Physics Condensed Matter, 2009, 21, 216005.	1.8	3
103	Magnetic specific heat and magnetoresistance of URhSi. Journal of Alloys and Compounds, 2008, 460, 47-53.	5.5	7
104	Competing magnetic structures and magnetic transitions in $\text{Er}_2\text{P}_2\text{O}_{12}$ . Powder neutron diffraction measurements. Physical Review B, 2008, 78, .	3.2	13
105	The field-induced magnetic structure in UIrGe. Journal of Physics Condensed Matter, 2008, 20, 104221.	1.8	6
106	Identification of microscopic spin-polarization coupling in the ferroelectric phase of magnetoelectric multiferroic $\text{CuFe}_2\text{P}_2\text{O}_{12}$ . Physical Review B, 2008, 78, .	3.2	35
107	Uranium Intermetallics in High Magnetic Fields: Neutron Diffraction Experiments. Acta Physica Polonica A, 2008, 113, 209-214.	0.5	2
108	Magnetic Structure in UIrAl. Acta Physica Polonica A, 2008, 113, 339-342.	0.5	0



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109	Magnetic structure of the quasi-one-dimensional frustrated spin-1 antiferromagnet $\text{CaV}_2\text{O}_4$ . Acta Crystallographica Section A: Foundations and Advances, 2008, 64, C153-C153.	0.3	0
110	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
111	Magnetic diffuse scattering from Nd above $T_N$ and deduced exchange interaction parameters. Journal of Physics Condensed Matter, 2007, 19, 286201.	1.8	2
112	Publisher's Note: Novel Coexistence of Superconductivity with Two Distinct Magnetic Orders [Phys. Rev. Lett. 95, 217002 (2005)]. Physical Review Letters, 2007, 99, .	7.8	0
113	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
114	5f Magnetism studied in complex intermetallic U-based hydrides. Journal of Alloys and Compounds, 2007, 446-447, 606-609.	5.5	6
115	Magnetic order of $\text{CePdAl}$ under pressure – neutron diffraction study. Journal of Magnetism and Magnetic Materials, 2007, 310, e28-e30.	2.3	6
116	Peculiarities of hydrides. Journal of Magnetism and Magnetic Materials, 2007, 310, 945-947.	2.3	17
117	Pressure induced helimagnetism in Fe-based ( $\text{Y}_2\text{Fe}_{17}$ , $\text{Lu}_2\text{Fe}_{17}$ ) intermetallic compounds. Journal of Magnetism and Magnetic Materials, 2007, 310, 1801-1803.	2.3	10
118	Quadrupolar ordered state at high fields in $\text{PrPb}_3$ . Journal of Physics and Chemistry of Solids, 2007, 68, 2091-2094.	4.0	3
119	Neutron diffraction studies of magnetic-shape memory $\text{Ni-Mn-Ga}$ single crystal. Journal of Magnetism and Magnetic Materials, 2007, 316, 386-389.	2.3	6
120	Double phase transition and magnetic ordering in $\text{NdFe}_2\text{Si}_2$ single crystal. Journal of Magnetism and Magnetic Materials, 2007, 310, 1755-1757.	2.3	0
121	Crystal structure and high-field magnetism of $\text{La}_2\text{CuO}_4$ . Physical Review B, 2006, 73, .	3.2	59
122	Magnetization and specific heat of a $\text{UlrGe}$ single crystal in high magnetic fields. Journal of Physics: Conference Series, 2006, 51, 151-154.	0.4	10
123	Magnetic structures in $\text{DyNiAl}$ single crystal. Physica B: Condensed Matter, 2006, 385-386, 346-348.	2.7	6
124	Unusual magnetic phase transitions of $\text{TbNi}_5$ . Physica B: Condensed Matter, 2006, 385-386, 349-352.	2.7	3
125	Magnetic order in $\text{CePdAl}$ single crystal: Effect of magnetic field. Physica B: Condensed Matter, 2006, 385-386, 359-362.	2.7	11
126	Melting of the antiferromagnetic structure in $\text{UNiAl}$ near $T_N$ . Physica B: Condensed Matter, 2006, 385-386, 369-371.	2.7	1



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127	Commensurate–incommensurate phase transition in TbNi <sub>5</sub> . Journal of Magnetism and Magnetic Materials, 2006, 300, e411-e414.	2.3	7
128	Magnetic properties of the Kagomé mixed compounds(Co <sub>x</sub> Ni <sub>1-x</sub> ) <sub>3</sub> V <sub>2</sub> O <sub>8</sub> . Physical Review B, 2006, 74, .	3.2	25
129	Pressure effects on magnetism in U intermetallics: the UPtAl case. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 629-632.	2.3	3
130	Neutron diffraction study of history dependence in MnFe <sub>0.6</sub> Si <sub>0.4</sub> . Journal of Magnetism and Magnetic Materials, 2005, 290-291, 679-681.	2.3	33
131	Magnetic response function in URhGe. Physica B: Condensed Matter, 2005, 359-361, 1123-1125.	2.7	0
132	Uncompensated antiferromagnetic structure of Ho <sub>2</sub> Ni <sub>2</sub> Pb. European Physical Journal B, 2005, 43, 163-174.	1.5	10
133	Magnetic phase transitions in TbNi <sub>5</sub> single crystal: Bulk properties and neutron diffraction studies. JETP Letters, 2005, 82, 34-38.	1.4	12
134	Magnetic field dependence of the magnetic order in A-type. Physica B: Condensed Matter, 2005, 359-361, 357-359.	2.7	2
135	Specific heat and magnetism of a UIrGe single crystal. Physica B: Condensed Matter, 2005, 359-361, 1126-1128.	2.7	3
136	Magnetization and neutron diffraction studies of Lu <sub>2</sub> Fe <sub>17</sub> under high pressure. Journal of Physics Condensed Matter, 2005, 17, S3069-S3075.	1.8	13
137	Helimagnetism of Fe: High Pressure Study of an Y <sub>2</sub> Fe <sub>17</sub> Single Crystal. Physical Review Letters, 2005, 94, 107201.	7.8	31
138	Novel Coexistence of Superconductivity with Two Distinct Magnetic Orders. Physical Review Letters, 2005, 95, 217002.	7.8	43
139	Phase decomposition and chemical inhomogeneity in Nd <sub>2-x</sub> Ce <sub>x</sub> CuO <sub>4</sub> . Physical Review B, 2004, 70, .	3.2	80
140	Impact of a small number of nonmagnetic impurities on the magnetic phase diagram of CuFeO <sub>2</sub> . Physical Review B, 2004, 70, .	3.2	32
141	Field-induced magnetic phases in the normal and superconducting states of ErNi <sub>2</sub> B <sub>2</sub> C. Physical Review B, 2004, 69, .	3.2	17
142	Field-induced magnetic and structural domain alignment in PrO <sub>2</sub> . Physical Review B, 2004, 70, .	3.2	9
143	On the magnetic structure of UIrGe. Physica B: Condensed Matter, 2004, 350, E199-E202.	2.7	8
144	Interplay between magnetism and superconductivity in CeMn <sub>5</sub> heavy fermion. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 175-176.	2.3	1

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145	Non-magnetic impurity effect on domain growth kinetics in an isosceles triangular Ising antiferromagnet CoNb <sub>2</sub> O <sub>6</sub> . Journal of Magnetism and Magnetic Materials, 2004, 272-276, E993-E994.	2.3	2
146	High-field magnetization of a UCuGe single crystal. Physica B: Condensed Matter, 2004, 346-347, 132-136.	2.7	3
147	Magnetic properties of UNi <sub>2</sub> /3Rh <sub>1</sub> /3Al single crystal probed by polarized neutron diffraction. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E67-E69.	2.3	0
148	Magnetic phase diagram of ErNi <sub>2</sub> B <sub>2</sub> C. Physica C: Superconductivity and Its Applications, 2004, 408-410, 97-99.	1.2	2
149	Effect of temperature on hybridization and magnetism in U <sub>2</sub> Pd <sub>2</sub> Sn and U <sub>2</sub> Ni <sub>2</sub> In. Journal of Alloys and Compounds, 2004, 369, 273-276.	5.5	1
150	Suppression of incommensurate spin-density waves in thin epitaxial Cr(110) layers of a V/Cr multilayer. European Physical Journal B, 2003, 36, 175-181.	1.5	11
151	Magnetic structure of URhSi single crystal. Journal of Magnetism and Magnetic Materials, 2003, 261, 131-138.	2.3	6
152	Magnetic correlations reflected by anomalies in transport and elastic properties of uranium intermetallics. Physica B: Condensed Matter, 2003, 328, 95-99.	2.7	2
153	Microscopic origin of irreversible GMR effect in CePtSn around. Physica B: Condensed Matter, 2003, 328, 145-147.	2.7	7
154	Antiferromagnetism and magnetoleasticity of UNiAl. Physica B: Condensed Matter, 2003, 329-333, 480-481.	2.7	2
155	Evolution of magnetic structures in U(Ni <sub>1-x</sub> Pd <sub>x</sub> ) <sub>2</sub> Si <sub>2</sub> system. Physica B: Condensed Matter, 2003, 329-333, 502-503.	2.7	1
156	Neutron scattering facility for continuous high magnetic fields up to 40 T at Hahn-Meitner-Institut Berlin. Physica B: Condensed Matter, 2003, 329-333, 1666-1667.	2.7	1
157	Effect of a magnetic field on the long-range magnetic order in insulating Nd <sub>2</sub> CuO <sub>4</sub> and non-superconducting and superconducting Nd <sub>1.85</sub> Ce <sub>0.15</sub> CuO <sub>4</sub> . Physical Review B, 2003, 68, .	3.2	42
158	Magnetic structure and transitions of Dy <sub>2</sub> Ni <sub>2</sub> Pb. Physical Review B, 2003, 68, .	3.2	17
159	Inflection Point in the Magnetic Field Dependence of the Ordered Moment of URu <sub>2</sub> Si <sub>2</sub> Observed by Neutron Scattering in Fields up to 17 T. Physical Review Letters, 2003, 90, 067203.	7.8	77
160	Neutron diffraction and magnetization studies of U <sub>2</sub> Pd <sub>2</sub> In single crystals in high magnetic fields. Physical Review B, 2003, 68, .	3.2	10
161	Magnetism in a UNi <sub>2</sub> /3Rh <sub>1</sub> /3Al single crystal. Philosophical Magazine, 2003, 83, 1613-1633.	1.6	3
162	Neutron scattering studies on uranium compounds in high magnetic fields. Journal of Physics Condensed Matter, 2003, 15, S1985-S1989.	1.8	2

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163	Canted ferromagnetic structure of UNiGe in high magnetic fields. Physical Review B, 2002, 65, .	3.2	18
164	Hybridization and pressure effects in UTX compounds. Journal of Applied Physics, 2002, 91, 8123.	2.5	3
165	Antiferromagnetic order of thin epitaxial Cr layers in an Fe/Cr(110) multilayer. Physical Review B, 2002, 65, .	3.2	22
166	NEUTRON SCATTERING IN MAGNETIC FIELDS UP TO 17 T. International Journal of Modern Physics B, 2002, 16, 3390-3390.	2.0	0
167	HIGH-FIELD MAGNETIZATION, LONGITUDINAL AND TRANSVERSE MAGNETORESISTANCE OF UIrGe. International Journal of Modern Physics B, 2002, 16, 3041-3044.	2.0	4
168	Magnetic properties and magnetic structure of HoTiGe and ErTiGe. Journal of Alloys and Compounds, 2002, 335, 62-69.	5.5	6
169	Thermal-expansion and magnetostriction study on UNiAl single crystals. European Physical Journal D, 2002, 52, A237-A240.	0.4	2
170	Magnetic-history effects in Hall resistivity of UNiAl. European Physical Journal D, 2002, 52, A241-A244.	0.4	0
171	Field-induced magnetic structures in UNiGe. Applied Physics A: Materials Science and Processing, 2002, 74, s757-s759.	2.3	4
172	Neutron-diffraction study of CePtSn. Applied Physics A: Materials Science and Processing, 2002, 74, s731-s733.	2.3	6
173	Pressure-induced magnetic structures in UNiGa. Applied Physics A: Materials Science and Processing, 2002, 74, s834-s836.	2.3	3
174	Magnetic-history dependent magnetoresistance in UNiAl. Physica B: Condensed Matter, 2002, 311, 233-237.	2.7	0
175	Electronic properties of a URhGe single crystal. Physica B: Condensed Matter, 2002, 311, 220-232.	2.7	40
176	Field-induced change of the antiferromagnetic structure of UNiAl. Physica B: Condensed Matter, 2002, 312-313, 872-874.	2.7	2
177	Magnetic-field-induced irreversibility in specific heat of UNiAl. Physica B: Condensed Matter, 2002, 312-313, 879-881.	2.7	0
178	Neutron-diffraction study of field-induced transitions in the heavy-fermion compound Ce <sub>2</sub> RhIn <sub>8</sub> . Physica B: Condensed Matter, 2002, 318, 300-305.	2.7	2
179	Neutron Scattering on Magnetic Materials Under Extreme Conditions. European Physical Journal D, 2002, 52, 253-258.	0.4	2
180	On the Threshold of Long-Range Magnetic Order: UNi <sub>2</sub> /3Rh <sub>1</sub> /3Al and UCoAl Study. European Physical Journal D, 2002, 52, 271-274.	0.4	0

#	ARTICLE	IF	CITATIONS
181	Pressure-Induced Effects in Magnetic Materials with F- and D-Electrons. , 2002, , 3-20.		0
182	Metamagnetic transition in U <sub>2</sub> Pd <sub>2</sub> In. Physica B: Condensed Matter, 2001, 294-295, 288-291.	2.7	6
183	Neutron scattering in magnetic fields: extending the possibilities. Physica B: Condensed Matter, 2001, 294-295, 691-695.	2.7	10
184	Magnetic anisotropy in UNiGa determined by polarized neutrons. Physica B: Condensed Matter, 2001, 301, 255-260.	2.7	4
185	Magnetic properties and magnetic structure of DyTiGe. Physica B: Condensed Matter, 2001, 307, 169-174.	2.7	5
186	Magnetic structure of a UNiAl single crystal under pressure. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1186-1187.	2.3	1
187	Field dependence of the incommensurate magnetic order in UNiGe. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 70-71.	2.3	0
188	Magnetic properties of TbTiGe. Journal of Magnetism and Magnetic Materials, 2001, 236, 28-36.	2.3	3
189	Magnetization anisotropy of the Tm- and Fe-subsystems in Tm <sub>2</sub> Fe <sub>17</sub> . Journal of Magnetism and Magnetic Materials, 2001, 237, 158-168.	2.3	19
190	Field-induced commensurate long-range order in the Haldane-gap system Ni(C <sub>5</sub> H <sub>14</sub> N <sub>2</sub> ) <sub>2</sub> N <sub>3</sub> (ClO <sub>4</sub> ). Europhysics Letters, 2001, 55, 868-873.	2.0	15
191	Electronic properties of UIrGe in high magnetic fields. Journal of Applied Physics, 2001, 89, 7186-7188.	2.5	5
192	Magnetic field induced irreversibility in UNiAl. Journal of Applied Physics, 2001, 89, 7639-7641.	2.5	6
193	Electronic structure and magnetism in UPtAl. Physical Review B, 2001, 64, .	3.2	16
194	Resistance and Magnetoresistance of UIrGe under High Pressure. , 2001, , 463-472.		0
195	Collapse of AF magnetic order in UNiAl under pressure. Physica B: Condensed Matter, 2000, 281-282, 208-209.	2.7	3
196	Magnetism in UNiAl systems with 4d and 5d metals. Physica B: Condensed Matter, 2000, 281-282, 213-215.	2.7	1
197	Non-symmetric metamagnetic transition in UNiAl. Physica B: Condensed Matter, 2000, 281-282, 210-212.	2.7	1
198	Possible non-Fermi-liquid behaviour in URh <sub>1/3</sub> Ni <sub>2/3</sub> Al. Physica B: Condensed Matter, 2000, 281-282, 377-378.	2.7	5

#	ARTICLE	IF	CITATIONS
199	Magnetic specific heat of a URhGe single crystal. Physica B: Condensed Matter, 2000, 281-282, 223-225.	2.7	16
200	Magnetic structure of in external fields up to 14.5 T. Physica B: Condensed Matter, 2000, 276-278, 632-633.	2.7	2
201	Direct measurement of the magnetic anisotropy in UCoGa using polarized neutrons. Physica B: Condensed Matter, 2000, 276-278, 564-565.	2.7	3
202	Crystallographic and magnetic structures of U(Ni $_{1-x}$ Tx)Al compounds. Physica B: Condensed Matter, 2000, 276-278, 714-715.	2.7	1
203	Field-Induced Magnetic Phase Transitions in a Triangular Lattice Antiferromagnet CuFeO <sub>2</sub> up to 14.5 T. Journal of the Physical Society of Japan, 2000, 69, 3513-3516.	1.6	97
204	Pressure-induced antiferromagnetism in UPt. Physical Review B, 2000, 62, 11527-11532.	3.2	2
205	Pressure effects on antiferromagnetism in UNiAl. Journal of Applied Physics, 2000, 87, 5152-5154.	2.5	7
206	Neutron Scattering Study of the Field-Induced Soliton Lattice in CuGeO <sub>3</sub> . Physical Review Letters, 2000, 84, 4469-4472.	7.8	32
207	Low-temperature magnetic phase transitions of the geometrically frustrated isosceles triangular Ising antiferromagnet CoNb <sub>2</sub> O <sub>6</sub> . Physical Review B, 2000, 63, .	3.2	33
208	Neutron scattering study of transverse magnetism in the metamagnet. European Physical Journal B, 2000, 15, 35-40.	1.5	16
209	Magnetic properties of studied by magnetization and neutron diffraction. European Physical Journal B, 2000, 16, 429-434.	1.5	3
210	Electronic properties of. Journal of Physics Condensed Matter, 1999, 11, 2955-2964.	1.8	5
211	Magnetic properties of UPt single crystals. Physical Review B, 1999, 60, R730-R733.	3.2	10
212	Pressure dependence of the ferromagnetic to antiferromagnetic transition in Fe <sub>3</sub> (Ga $_{1-x}$ Al $_x$ ) <sub>4</sub> with x=0.0 and 0.1. Journal of Applied Physics, 1999, 85, 4738-4740.	2.5	6
213	Electronic properties of a UIrGe single crystal. Physical Review B, 1999, 60, 9532-9538.	3.2	21
214	Magnetic properties of UNiAl under pressure. Physical Review B, 1999, 59, 8720-8724.	3.2	14
215	Magnetic structures of UNiAl in magnetic fields. Physica B: Condensed Matter, 1999, 259-261, 246-247.	2.7	15
216	Thermoelectric power of a UNiAl single crystal. Physica B: Condensed Matter, 1999, 270, 221-224.	2.7	2

#	ARTICLE	IF	CITATIONS
217	Anisotropy in the physical properties of UNiGa under high pressure. Journal of Radioanalytical and Nuclear Chemistry, 1999, 239, 441-444.	1.5	1
218	Magnetic structure of U <sub>2</sub> Pt <sub>2</sub> Sn. Journal of Magnetism and Magnetic Materials, 1999, 202, 451-457.	2.3	7
219	Magnetic phenomena in UNi <sub>1-<math>\alpha</math></sub> Rh <sub><math>\alpha</math></sub> Al compounds. Journal of Alloys and Compounds, 1999, 282, 64-71.	5.5	12
220	Magnetoelastic phenomena in UNiGa. Journal of Magnetism and Magnetic Materials, 1998, 184, 369-371.	2.3	4
221	Anisotropic exchange interactions in UNiGe. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 785-786.	2.3	10
222	Magnetic phase diagrams of UNiGe. Physica B: Condensed Matter, 1998, 246-247, 441-444.	2.7	4
223	U <sub>2</sub> T <sub>2</sub> 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
224	Electronic properties of UPdSn diluted by Lu. Journal of Alloys and Compounds, 1998, 271-273, 418-422.	5.5	1
225	Magnetic phases and magnetoelastic phenomena in UNiGa under pressure. Journal of Alloys and Compounds, 1998, 271-273, 495-498.	5.5	5
226	Reduced magnetic moments in UNiSi. Journal of Alloys and Compounds, 1998, 269, 43-49.	5.5	4
227	Magnetism in UPt. Journal of Physics Condensed Matter, 1998, 10, 10643-10654.	1.8	9
228	Antiferromagnetic structure of UNiAl. Physical Review B, 1998, 58, 2692-2698.	3.2	32
229	Antiferromagnetism and domain effects in UPdSn. Physical Review B, 1998, 58, 9269-9275.	3.2	8
230	PrRu <sub>2</sub> Si <sub>2</sub> : A giant anisotropic induced magnet with a singlet crystal-field ground state. Physical Review B, 1997, 56, 8752-8759.	3.2	38
231	Metamagnetism and electronic structure of UNiGa. Journal of Applied Physics, 1997, 81, 5778-5780.	2.5	8
232	Specific heat of UNiGe in high magnetic fields. Journal of Applied Physics, 1997, 81, 4157-4159.	2.5	4
233	Magnetic Phase Transitions and Magnetoelastic Phenomena in UNiGa under Pressure. Journal of the Physical Society of Japan, 1997, 66, 1904-1907.	1.6	15
234	Magnetism in UPdSi. Physica B: Condensed Matter, 1997, 229, 101-112.	2.7	5

#	ARTICLE	IF	CITATIONS
235	Crystallographic and magnetic structures in UTSi compounds. Physica B: Condensed Matter, 1997, 230-232, 39-42.	2.7	9
236	Magnetic response function in URhAl. Physica B: Condensed Matter, 1997, 230-232, 89-91.	2.7	14
237	5f-band metamagnetism in UCoAl. Physica B: Condensed Matter, 1997, 230-232, 98-101.	2.7	15
238	Non-Fermi-liquid scaling in U(Cu,Al) <sub>5</sub> compounds. Physica B: Condensed Matter, 1997, 230-232, 616-619.	2.7	6
239	Mictomagnetic behaviour of CeNi <sub>0.84</sub> Sn <sub>2</sub> : A neutron diffraction and magnetic study. Physica B: Condensed Matter, 1997, 234-236, 689-691.	2.7	0
240	Thermal properties of UPdSn and UCuSn. Physica B: Condensed Matter, 1997, 237-238, 226-228.	2.7	5
241	Effect of pressure on thermal expansion of UNiGa. Physica B: Condensed Matter, 1997, 239, 109-112.	2.7	5
242	Commensurate and incommensurate magnetic order of UPdSi. Physica B: Condensed Matter, 1997, 241-243, 687-689.	2.7	4
243	Magnetization densities and uranium form factors in UNiGa and UNiAl. Physica B: Condensed Matter, 1997, 241-243, 678-680.	2.7	6
244	Electronic structure of URhSi. Solid State Communications, 1997, 104, 597-601.	1.9	9
245	Commensurate and incommensurate magnetic structures of UNiGe. Physical Review B, 1996, 54, 7201-7209.	3.2	24
246	Electronic properties of U <sub>2</sub> Pt <sub>2</sub> Sn. Journal of Applied Physics, 1996, 79, 6361.	2.5	5
247	Thermal expansion of single-crystalline UNiAl. Journal of Applied Physics, 1996, 79, 6358.	2.5	13
248	Electronic properties of UCuSn. Journal of Applied Physics, 1996, 79, 6408.	2.5	4
249	Electronic specific heat correlated with giant magnetoresistance in UNiGa. European Physical Journal D, 1996, 46, 2015-2016.	0.4	2
250	Low-temperature behaviour of electrical resistivity in UTX compounds. European Physical Journal D, 1996, 46, 2043-2044.	0.4	3
251	Magnetic anisotropy of U <sub>2</sub> Pd <sub>2</sub> In. Physica B: Condensed Matter, 1996, 223-224, 225-227.	2.7	9
252	Giant magnetoresistance effects in 5f-materials. Physica B: Condensed Matter, 1996, 223-224, 245-250.	2.7	16



#	ARTICLE	IF	CITATIONS
253	Magnetic ordering in UPtSi. Physica B: Condensed Matter, 1996, 225, 166-176.	2.7	4
254	Hall effect and thermoelectric power in UNiGa. Physical Review B, 1996, 54, 15330-15334.	3.2	19
255	Hybridization effects in U <sub>2</sub> T <sub>2</sub> X compounds: Magnetic structures of U <sub>2</sub> Rh <sub>2</sub> Sn and U <sub>2</sub> Ni <sub>2</sub> In. Physical Review B, 1996, 53, 3263-3271.	3.2	34
256	Low-temperature magnetic structure of UNiGe. Physical Review B, 1996, 53, 758-765.	3.2	19
257	Magnetism in URhSi. Journal of Applied Physics, 1996, 79, 5221.	2.5	12
258	Giant magnetoresistance and magnetic phase diagram of UNiGa. Journal of Applied Physics, 1996, 79, 6396.	2.5	27
259	Superzone Gap Formation Evidenced by Specific Heat in UNiGa. Journal of the Physical Society of Japan, 1996, 65, 3312-3316.	1.6	20
260	Magnetic properties of studied by magnetization and neutron diffraction. Journal of Physics Condensed Matter, 1996, 8, 8635-8651.	1.8	10
261	Simple calculation of hybridization effects in UTX and U <sub>2</sub> T <sub>2</sub> X compounds. Physica B: Condensed Matter, 1995, 206-207, 8-10.	2.7	14
262	GMR effects in actinide intermetallics. Physica B: Condensed Matter, 1995, 206-207, 501-504.	2.7	11
263	High-field magnetization studies of some U <sub>2</sub> T <sub>2</sub> X compounds. Physica B: Condensed Matter, 1995, 211, 142-144.	2.7	18
264	High field magnetization of a NdCu <sub>2</sub> single crystal. Physica B: Condensed Matter, 1995, 211, 172-174.	2.7	4
265	Muon spin rotation spectroscopy on a UNiGa single crystal. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1381-1382.	2.3	5
266	Magnetism in U <sub>2</sub> T <sub>2</sub> X compounds. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1367-1368.	2.3	48
267	Magnetism and hybridization in UTIn compounds (T $\rightarrow$ Rh, Pt, Pd). Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1391-1392.	2.3	4
268	Possible heavy-fermion behaviour of new U(Cu, Al) <sub>5</sub> compounds. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1261-1262.	2.3	5
269	Spin dynamics in the commensurate antiferromagnet PrCo <sub>2</sub> Si <sub>2</sub> probed by muon spin relaxation measurements. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1993-1994.	2.3	3
270	Magnetic interaction and crystal field in ErCu <sub>2</sub> Si <sub>2</sub> . Journal of Magnetism and Magnetic Materials, 1995, 140-144, 909-910.	2.3	10

#	ARTICLE	IF	CITATIONS
271	Magnetic phase diagram of UNiGa. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1379-1380.	2.3	20
272	Electronic properties of U <sub>2</sub> Ni <sub>2</sub> Sn. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1369-1370.	2.3	14
273	Magnetic properties of UCo <sub>1-x</sub> FexSn. Journal of Alloys and Compounds, 1995, 224, 89-92.	5.5	4
274	Electronic properties of Ce(Cu,Ga)/sub 2/. IEEE Transactions on Magnetism, 1994, 30, 1205-1207.	2.1	3
275	Magnetic properties of single-crystalline UCu/sub 3/Al/sub 2/. IEEE Transactions on Magnetism, 1994, 30, 1217-1219.	2.1	6
276	Effect of Ce substitution on antiferromagnetic transition in the heavy-electron compound URu/sub 2/Si/sub 2/. IEEE Transactions on Magnetism, 1994, 30, 1142-1144.	2.1	2
277	Anisotropic magnetic and transport properties of UNiGe. IEEE Transactions on Magnetism, 1994, 30, 1214-1216.	2.1	22
278	Incommensurate antiferromagnetic phase in UNiGe. Journal of Applied Physics, 1994, 76, 6217-6219.	2.5	6
279	Heavy fermion behavior of U <sub>2</sub> T <sub>2</sub> X compounds. Journal of Applied Physics, 1994, 76, 6214-6216.	2.5	50
280	Comparison of giant magnetoresistance in multilayer systems and uranium compounds. Journal of Applied Physics, 1994, 75, 6522-6524.	2.5	5
281	Structure, transport and thermal properties of UCoGa. Journal of Applied Physics, 1994, 76, 7040-7042.	2.5	10
282	Magnetic ordering in U <sub>2</sub> Pd <sub>2</sub> In and U <sub>2</sub> Pd <sub>2</sub> Sn. Physical Review B, 1994, 50, 6792-6801.	3.2	67
283	Giant magnetoresistance effects in intermetallic compounds (invited). Journal of Applied Physics, 1994, 76, 6913-6918.	2.5	65
284	High-field magnetization of U <sub>2</sub> T <sub>2</sub> X compounds (T = Co, Ni, Rh, Pd, Ir, Pt and X = In, Sn). Physica B: Condensed Matter, 1994, 201, 247-250.	2.7	25
285	Metamagnetic transitions and giant magnetoresistance in UNiGe. Physica B: Condensed Matter, 1994, 201, 251-254.	2.7	13
286	Spin dynamics in RENi <sub>5</sub> ferromagnets by <sup>1</sup> / <sub>4</sub> SR measurements. Hyperfine Interactions, 1994, 85, 239-244.	0.5	14
287	Electronic properties of CeCuGa and LaCuGa. IEEE Transactions on Magnetism, 1994, 30, 1202-1204.	2.1	6
288	Magnetoresistance in actinide and lanthanide intermetallics. Journal of Alloys and Compounds, 1994, 207-208, 249-253.	5.5	15

#	ARTICLE	IF	CITATIONS
289	Complex antiferromagnetic order of CeCuSn. Journal of Alloys and Compounds, 1994, 207-208, 245-248.	5.5	19
290	Magnetic phases in unige. Journal of Alloys and Compounds, 1994, 213-214, 536-539.	5.5	20
291	Giant magnetoresistance in actinide systems. IEEE Transactions on Magnetics, 1994, 30, 1139-1141.	2.1	3
292	E4: The 2-Axis Diffractometer at BER II. Journal of Large-scale Research Facilities JLSRF, 0, 3, A104.	0.0	8