

Hiroko Aruga Katori

List of Publications by Year in Descending Order

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

189
papers

4,430
citations

35
h-index

59
g-index

200
ext. papers

4,657
ext. citations

2.9
avg, IF

4.75
L-index

#	Paper	IF	Citations
189	Spin-glass transition in the spin-orbit-entangled $J = 0$ Mott insulating double-perovskite ruthenate.. <i>Scientific Reports</i> , 2022 , 12, 2429	4.9	0
188	Formation of the Metastable Iron (III) Germanate Fe_2GeO_5 through Kinetic Control of the Oxidative Reaction. <i>Chemistry Letters</i> , 2022 , 51, 451-454	1.7	
187	4d ³ Ru ⁵⁺ triangular lattice antiferromagnets: Layered rock-salt $\text{Li}_3\text{Mg}_2\text{RuO}_6$ and ion-exchanged delafossite $\text{Ag}_3\text{Mg}_2\text{RuO}_6$. <i>Journal of Solid State Chemistry</i> , 2021 , 299, 122171	3.3	0
186	Strong antiferromagnetic interaction owing to a large trigonal distortion in the spin-orbit-coupled honeycomb lattice iridate CdIrO_3 . <i>Physical Review Materials</i> , 2020 , 4,	3.2	5
185	Magnetocaloric Study of $\text{Ln}_2\text{Co}_{12}\text{P}_7$ (Ln = Y, Nd, and Sm). <i>Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2020 , 67, 97-99	0.2	
184	Study on Magnetism and Electronic Structure of New Layered Compound $\text{Sr}_3\text{Sc}_2\text{O}_5\text{Co}_2\text{As}_2$ with Body-Centered Crystal Structure. <i>Journal of the Physical Society of Japan</i> , 2019 , 88, 054714	1.5	0
183	Magnetic Study on $\text{Y}_2\text{M}_3\text{Co}_9\text{P}_7$ (M: Transition Metals) with Cation-Ordered $\text{Zr}_2\text{Fe}_{12}\text{P}_7$ -Type Structure. <i>Solid State Phenomena</i> , 2019 , 289, 164-169	0.4	2
182	Disappearance of the Itinerant Electronic Ferromagnetism in Layered Compound $\text{Sr}_2\text{VO}_3\text{CoAs}$ due to Self-Electron-Doping Effect. <i>Journal of the Physical Society of Japan</i> , 2018 , 87, 094711	1.5	1
181	Study of Magnetism and Electronic Structures of Compounds with CoAs Layers. <i>Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2018 , 65, 261-264	0.2	1
180	Magnetism and Electronic States of $\text{X}_2\text{Co}_{12}\text{P}_7$ (X = Ti, Zr and Hf). <i>Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2018 , 65, 274-278	0.2	1
179	Study of itinerant electronic ferromagnetism in layered compounds $\text{Ae}_2\text{ScO}_3\text{CoPn}$ (Ae = Sr, Ba, Pn = P, As). <i>Journal of Physics: Conference Series</i> , 2017 , 868, 012010	0.3	0
178	Anomalous antiferromagnetic state in $\text{Nd}_2\text{Co}_{12}\text{P}_7$. <i>Journal of Physics: Conference Series</i> , 2017 , 868, 012020		
177	Synthesis and study of electronic state of $\text{Sr}_2\text{CrO}_2\text{Co}_2\text{As}_2$ with CoAs conduction layers. <i>Journal of Physics: Conference Series</i> , 2017 , 868, 012024	0.3	1
176	Anomalous Behavior of Localized Magnetic Moments in Itinerant Ferromagnets $\text{Ln}_2\text{Co}_{12}\text{P}_7$ (Ln = Y, Pr, Nd, Sm, Gd and Dy). <i>Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2016 , 63, 652-656	0.2	6
175	Magnetism in Two-leg Ladder Compound $\text{Ba}_6\text{Fe}_8\text{S}_{15}$ with Mixed Oxidation State of Iron. <i>Physics Procedia</i> , 2015 , 75, 552-556		1
174	Electron Doping Effect on AeCo_2As_2 (Ae = Ca, Sr and Ba). <i>Physics Procedia</i> , 2015 , 75, 309-313		2
173	Small ordered magnetic moment in a weak itinerant electron ferromagnet Sc_3In . <i>Journal of Alloys and Compounds</i> , 2014 , 589, 37-41	5.7	3

172	Commensurate structural modulation in the charge- and orbitally ordered phase of the quadruple perovskite (NaMn ₃)Mn ₄ O ₁₂ . <i>Physical Review B</i> , 2014 , 90,	3.3	14
171	Itinerant electronic ferromagnetism in Sr ₂ ScO ₃ CoAs with largely spaced CoAs conduction layers. <i>Physical Review B</i> , 2013 , 88,	3.3	13
170	Magnetic Field-Induced Phase Transitions in the S=1/2 Two-Leg Spin-Ladder Material Cu(DEP)Br ₂ . <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 113710	1.5	2
169	Magnetic-Field-Induced Transitions in Spinel GeCo ₂ O ₄ . <i>Journal of the Physical Society of Japan</i> , 2011 , 80, 034708	1.5	11
168	Phase transition of a triangular lattice Ising antiferromagnet FeI ₂ . <i>Physical Review B</i> , 2010 , 82,	3.3	16
167	Ten Layered Hexagonal Perovskite Sr ₅ Ru ₅ O ₁₅ (x = 0.90), a Weak Ferromagnet with a Giant Coercive Field H _c ~ 12 T. <i>Chemistry of Materials</i> , 2010 , 22, 5712-5717	9.6	10
166	Isothermal remanent magnetization and the spin dimensionality of spin glasses. <i>Philosophical Magazine Letters</i> , 2010 , 90, 723-729	1	13
165	Superconductivity in 4d and 5d transition metal layered pnictides BaRh ₂ P ₂ , BaIr ₂ P ₂ and SrIr ₂ As ₂ . <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, S296-S297	1.3	22
164	Magnetic phase diagram of the two-dimensional antiferromagnet Ni ₅ (TeO ₃) ₄ Br ₂ . <i>Physical Review B</i> , 2009 , 79,	3.3	3
163	Bose-glass state in one-dimensional random antiferromagnets. <i>Physical Review B</i> , 2009 , 79,	3.3	13
162	Superconductivity in Layered Pnictides BaRh ₂ P ₂ and BaIr ₂ P ₂ . <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 023706	1.5	38
161	Control of the magnetoelectric domain-wall stability by a magnetic field in a multiferroic MnWO ₄ . <i>Physical Review Letters</i> , 2008 , 101, 207205	7.4	32
160	Frustrated minority spins in GeNi ₂ O ₄ . <i>Europhysics Letters</i> , 2008 , 82, 37006	1.6	17
159	Metal-semiconductor structural phase transitions and antiferromagnetic orderings in (Benzo-TTFVO) ₂ MX ₄ (M = Fe, Ga; X = Cl, Br) salts. <i>Journal of Materials Chemistry</i> , 2007 , 17, 1664-1673		5
158	An antiferromagnetic molecular metal based on a new bent-donor molecule. <i>Journal of the American Chemical Society</i> , 2007 , 129, 12618-9	16.4	27
157	Weak ferromagnetism in a semiconducting (ethylenedithiodiselenadithiafulvalenoquinone-1,3-diselenolemethide) ₂ .FeBr ₄ salt. <i>Inorganic Chemistry</i> , 2007 , 46, 8478-80	5.1	8
156	Superconductivity in Rh ₂ Ga ₉ and Ir ₂ Ga ₉ without Inversion Symmetry. <i>Journal of the Physical Society of Japan</i> , 2007 , 76, 073708	1.5	65
155	Antiferromagnetic or canted antiferromagnetic orderings of Fe(III) d spins of FeX ₄ ⁻ ions in BEDT-TTFVO(S).FeX ₄ (X = Cl, Br) [BEDT-TTFVO(S) = bis(ethylenedithio)tetrathiafulvalenoquinone(-thioquinone)-1,3-dithiolemethide]. <i>Inorganic Chemistry</i> , 2007 , 46, 5049-56	5.1	15

154	Phase Transitions of a Geometrically Frustrated Spin System CdCr ₂ O ₄ in Very High Magnetic Fields. <i>Journal of the Physical Society of Japan</i> , 2007 , 76, 085001	1.5	13
153	Dielectric Polarization Measurements on the Antiferromagnetic Triangular Lattice System CuFeO ₂ in Pulsed High Magnetic Fields. <i>Journal of the Physical Society of Japan</i> , 2007 , 76, 094709	1.5	41
152	spin systems on frustrated pyrochlore lattice. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 1275-1279	2.8	6
151	Magnetic properties of single crystal of cobalt spinel. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, e448-e450	2.8	24
150	Absence of phase transition in a magnetic field in the Ising spin glass. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 1494-1499	2.8	7
149	Field-induced ferroelectric state in frustrated magnet CuFe _{1-x} Al _x O ₂ . <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 145244	1.8	67
148	Finite versus zero-temperature hysteretic behavior of spin glasses: Experiment and theory. <i>Physical Review B</i> , 2007 , 76,	3.3	11
147	Spin-liquid state in the S=1/2 hyperkagome antiferromagnet Na ₄ Ir ₃ O ₈ . <i>Physical Review Letters</i> , 2007 , 99, 137207	7.4	385
146	Metal-Insulator Transition in a Pyrochlore-type Ruthenium Oxide, Hg ₂ Ru ₂ O ₇ . <i>Journal of the Physical Society of Japan</i> , 2007 , 76, 043703	1.5	33
145	A metallic (EDT-DSDTFVSDS) ₂ FeBr ₄ salt: antiferromagnetic ordering of d spins of FeBr ₄ ⁻ ions and anomalous magnetoresistance due to preferential pi-d interaction. <i>Journal of the American Chemical Society</i> , 2006 , 128, 11746-7	16.4	33
144	Field induced spin transitions and large magnetoresistance in the quasi-one-dimensional magnet Ca ₃ Co ₂ O ₆ . <i>Journal of Alloys and Compounds</i> , 2006 , 423, 188-190	5.7	6
143	Pyroelectric measurements on a geometrically frustrated spin system CuFeO ₂ in pulsed high magnetic fields. <i>Journal of Physics: Conference Series</i> , 2006 , 51, 557-560	0.3	10
142	Magnetic-field induced transition to the 1/2 magnetization plateau state in the geometrically frustrated magnet CdCr ₂ O ₄ . <i>Physical Review Letters</i> , 2005 , 94, 047202	7.4	162
141	Magnetic Phase Diagram of the Triangular Lattice Antiferromagnet CuFe _{1-x} Al _x O ₂ . <i>Journal of the Physical Society of Japan</i> , 2005 , 74, 2604-2611	1.5	53
140	Metallic/semiconducting behaviors and an antiferromagnetic ordering of FeBr ₄ ²⁻ spins in (Benzo-TTFVS) ₂ MX ₄ (M = Fe, Ga; X = Cl, Br). <i>Journal of Materials Chemistry</i> , 2005 , 15, 3479		10
139	Phase Transitions and Disorder Effects in Pure and Doped Frustrated Quantum Antiferromagnet Cs ₂ CuBr ₄ . <i>Journal of the Physical Society of Japan</i> , 2005 , 74, 135-144	1.5	45
138	Field Effects in the Ising Spin Glass Fe _{0.55} Mn _{0.45} TiO ₃ . <i>Progress of Theoretical Physics Supplement</i> , 2005 , 157, 38-41		2
137	Dynamical breakdown of the Ising spin-glass order under a magnetic field. <i>Physical Review B</i> , 2005 , 71,	3.3	30

136	Impact of a small number of nonmagnetic impurities on H-T magnetic phase diagram of CuFeO ₂ . <i>Physical Review B</i> , 2004 , 70,	3.3	32
135	Nonequilibrium dynamics of spin glasses: Examination of the ghost domain scenario. <i>Physical Review B</i> , 2004 , 70,	3.3	89
134	Hall effect and specific heat under magnetic fields in CeSi. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, E1533-E1534	2.8	4
133	Dynamic magnetization process of the diluted antiferromagnet RbMn ₂ Mg ₃ F ₁₀ in pulse field up to 55T. <i>Physica B: Condensed Matter</i> , 2004 , 346-347, 226-230	2.8	
132	Disappearance of Quasi-Ising Character in Triangular Lattice Antiferromagnet CuFeO ₂ by a Small Amount of Substitution. <i>Journal of the Physical Society of Japan</i> , 2004 , 73, 1442-1445	1.5	18
131	Ferrimagnetic ordering due to Fe(III) d and donor pi spins in (ethylenedithiotetrathiafulvalenoquinone-1,3-dithiolemethide) ₂ FeBr ₄ . <i>Inorganic Chemistry</i> , 2004 , 43, 3780-2	5.1	19
130	The onset of quadrupole ordering at the structural phase transition in DyB ₂ C ₂ . <i>Journal of Physics Condensed Matter</i> , 2003 , 15, L185-L190	1.8	1
129	Specific heat of an S=1 quasi-1D bond alternating antiferromagnet in a magnetic field. <i>Physica B: Condensed Matter</i> , 2003 , 329-333, 1209-1210	2.8	11
128	Absence of magnetic ordering in mixed magnetic Co _{1-x} Mn _x Cl ₂ ·H ₂ O. <i>Physica B: Condensed Matter</i> , 2003 , 336, 252-260	2.8	3
127	Magnetization plateau in the frustrated quantum spin system Cs ₂ CuBr ₄ . <i>Physical Review B</i> , 2003 , 67,	3.3	164
126	Insulator-metal transition in Sm _{1-x} Sr _x MnO ₃ films. <i>Journal of Physics and Chemistry of Solids</i> , 2002 , 63, 943-946	3.9	1
125	Domain growth by isothermal aging in 3D Ising and Heisenberg spin glasses. <i>Physical Review Letters</i> , 2002 , 88, 257204	7.4	42
124	Critical behavior in the heat capacity of Fe[S ₂ CN(C ₂ H ₅) ₂] ₂ Cl: Evidence for chiral universality. <i>Physical Review B</i> , 2002 , 65,	3.3	7
123	Thermodynamic Properties of a Quantum Ferrimagnet Formed by an S=1/2 Tetramer Chain. <i>Progress of Theoretical Physics Supplement</i> , 2002 , 145, 150-155		7
122	Magnetic Phase Transition and Magnetization Plateau in Cs ₂ CuBr ₄ . <i>Progress of Theoretical Physics Supplement</i> , 2002 , 145, 101-106		14
121	Crossover from the Haldane state to the singlet dimer state in random alternating Heisenberg chains formed in (CH ₃) ₂ CHNH ₃ Cu(Cl _x Br _{1-x}) ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 226-230, 412-413	2.8	1
120	Mixing-Typed Antiferroquadrupolar Ordering in YbSb. <i>Journal of the Physical Society of Japan</i> , 2001 , 70, 259-266	1.5	16
119	Yang-Lee edge singularities determined from experimental high-field magnetization data. <i>Journal of Physics Condensed Matter</i> , 2001 , 13, L811-L817	1.8	14

118	Off-diagonal exchange-induced transverse and field-induced spin-flop order in the diluted metamagnet Fe _{0.85} Mg _{0.15} Br ₂ . <i>Europhysics Letters</i> , 2001 , 55, 732-738	1.6	2
117	Magnetic phase diagram of the diluted metamagnet Fe _{0.95} Mg _{0.05} Br ₂ . <i>Physical Review B</i> , 2001 , 63,	3.3	8
116	Appearance of a gapless phase over the intermediate region between the Haldane phase and the singlet dimer phase in random alternating Heisenberg chains (CH ₃) ₂ CHNH ₃ Cu(ClxBr _{1-x}) ₃ . <i>Physical Review B</i> , 2001 , 63,	3.3	37
115	Aging, rejuvenation, and memory effects in Ising and Heisenberg spin glasses. <i>Physical Review B</i> , 2001 , 64,	3.3	121
114	Memory and chaos in an Ising spin glass. <i>Physical Review B</i> , 2001 , 65,	3.3	38
113	Specific heat study of the field-induced magnetic ordering in the spin-gap system TlCuCl ₃ . <i>Physical Review B</i> , 2001 , 63,	3.3	60
112	Field-Induced Two-Step Phase Transitions in the Singlet Ground State Triangular Antiferromagnet CsFeBr ₃ . <i>Journal of the Physical Society of Japan</i> , 2001 , 70, 3068-3075	1.5	17
111	Heat capacity of Cu ₂ (C ₅ H ₁₂ N ₂) ₂ Cl ₄ in a magnetic field. <i>Physica B: Condensed Matter</i> , 2000 , 284-288, 1601-1602	2.8	3
110	Field-Induced Magnetic Phase Transitions in a Triangular Lattice Antiferromagnet CuFeO ₂ up to 14.5 T. <i>Journal of the Physical Society of Japan</i> , 2000 , 69, 3513-3516	1.5	94
109	H-T Magnetic Phase Diagram of a Frustrated Triangular Lattice Antiferromagnet CuFeO ₂ . <i>Journal of the Physical Society of Japan</i> , 2000 , 69, 33-36	1.5	30
108	Giant magnetovolume effect of CrTe. <i>Journal of Alloys and Compounds</i> , 2000 , 297, 5-8	5.7	11
107	Neutron scattering study of transverse magnetism in the metamagnet FeBr ₂ . <i>European Physical Journal B</i> , 2000 , 15, 35-40	1.2	13
106	Specific heat of an S=1/2 Heisenberg ladder compound Cu ₂ (C ₅ H ₁₂ N ₂) ₂ Cl ₄ under magnetic fields. <i>Physical Review B</i> , 2000 , 62, 1051-1057	3.3	37
105	Effects of Random Fields on the Phase Diagram in the Field-Temperature Plane of the Diluted Antiferromagnet Mn _x Mg _{1-x} TiO ₃ . <i>Journal of the Physical Society of Japan</i> , 2000 , 69, 3027-3039	1.5	3
104	Field-induced valence transition of EuPd ₂ Si ₂ and related compounds. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 196-197, 883-884	2.8	5
103	Anomalies in transport and thermal properties of (tmtsf) ₂ asf ₆ . <i>Synthetic Metals</i> , 1999 , 103, 2210-2211	3.6	1
102	Field-induced long-range-ordering in the S = 1/2 quasi-one-dimensional Heisenberg antiferromagnet Ni(C ₅ H ₁₄ N ₂) ₂ N ₃ (ClO ₄). <i>Journal of Magnetism and Magnetic Materials</i> , 1998 , 177-181, 626-627	2.8	
101	Magnetic phase diagram of CsNi _{1-x} FexCl ₃ : Magnetization and specific heat. <i>Journal of Magnetism and Magnetic Materials</i> , 1998 , 177-181, 640-642	2.8	1

100	High-resolution, high-field magnetization measurement in the diluted antiferromagnet RbMn ₂ MgF ₇ : New application of pulsed high fields to adiabatic magnetization processes. <i>Physica B: Condensed Matter</i> , 1998 , 246-247, 222-225	2.8	4
99	Absence of Hysteresis in the Heat Capacity of the Three-Dimensional Random-Field Ising Model. <i>Physical Review Letters</i> , 1998 , 81, 709-712	7.4	5
98	Field-Induced Magnetic Long-Range Order in the Ferromagnetic-Antiferromagnetic Alternating Heisenberg Chain System (CH ₃) ₂ CHNH ₃ CuCl ₃ Observed by Specific Heat Measurements. <i>Journal of the Physical Society of Japan</i> , 1998 , 67, 3913-3917	1.5	62
97	Inducing a magnetic ordering in the Haldane material NiO by magnetic field. <i>Journal of Physics Condensed Matter</i> , 1997 , 9, L83-L88	1.8	35
96	Neutron-scattering studies of a phase transition in the metamagnet FeBr ₂ under external magnetic fields. <i>Physical Review B</i> , 1997 , 55, 11466-11470	3.3	27
95	Field-induced valence transition of Eu(Pd _{1-x} Ptx) ₂ Si ₂ . <i>Physical Review B</i> , 1997 , 55, 12474-12479	3.3	42
94	Magnetic Properties of Oxygen Physisorbed in Cu-Trans-1,4-Cyclohexanedicarboxylic Acid. <i>Molecular Crystals and Liquid Crystals</i> , 1997 , 306, 1-7		51
93	Anomalous heat capacity of antiferromagnet FeBr ₂ in a magnetic field. <i>Journal of Applied Physics</i> , 1997 , 81, 4396-4398	2.5	5
92	Magnetization process and magnetic structure of the TmFe ₂ H _{3.4} hydride in ultrahigh magnetic fields up to 100 T. <i>Journal of Magnetism and Magnetic Materials</i> , 1997 , 167, 229-236	2.8	7
91	Collapse of the itinerant Co moment in Er _{1-x} Lu _x Co ₂ by the application of high magnetic fields. <i>Physica B: Condensed Matter</i> , 1997 , 229, 315-320	2.8	24
90	Magnetovolume effect of CrNiP. <i>Physica B: Condensed Matter</i> , 1997 , 237-238, 517-519	2.8	2
89	Field-induced magnetic transition of Mn ₃ GaC. <i>Solid State Communications</i> , 1997 , 101, 811-814	1.6	17
88	Inducing a magnetic ordering in the Haldane material Ni(C ₅ H ₁₄ N ₂) ₂ N ₃ (C ₁₀ O ₄) by magnetic field. <i>Journal of Physics Condensed Matter</i> , 1997 , 9, 3487-3487	1.8	10
87	Mössbauer Studies of the Ising Spin-Glass System Fe _{0.5} Mn _{0.5} TiO ₃ in Connection with the de Almeida-Thouless Line. <i>Journal of the Physical Society of Japan</i> , 1996 , 65, 3331-3335	1.5	8
86	The disappearance of the re-entrant spin-glass state on annealing for the amorphous La - Fe alloy system. <i>Journal of Physics Condensed Matter</i> , 1996 , 8, 2053-2062	1.8	1
85	Changes in the spin-glass state and the atomic structure on annealing the amorphous Y - Fe alloys. <i>Journal of Physics Condensed Matter</i> , 1996 , 8, 2219-2231	1.8	5
84	Magnetic properties of URuAl _{1-x} Sn _x . <i>Journal of Alloys and Compounds</i> , 1996 , 235, 72-76	5.7	3
83	First-Order Valence Transition of EuPd ₂ Si ₂ Induced by High Magnetic Fields. <i>Journal of the Physical Society of Japan</i> , 1996 , 65, 3471-3473	1.5	26

82	High-field magnetization of one-dimensional $S = \frac{1}{2}$ trimer system $3\text{CuCl}_2 \cdot 2$ dioxane. <i>Physica B: Condensed Matter</i> , 1996 , 216, 294-296	2.8	3
81	Magnetization of amorphous Fe-based concentrated spin glasses. <i>Physica B: Condensed Matter</i> , 1996 , 216, 297-300	2.8	3
80	Random magnetic anisotropy in amorphous Er-X (X = Ni and Cu) alloys. <i>Physica B: Condensed Matter</i> , 1996 , 216, 301-303	2.8	2
79	Specific-heat anomaly in the Ising antiferromagnet FeBr_2 in external magnetic fields. <i>Physical Review B</i> , 1996 , 54, R9620-R9623	3.3	32
78	Field-induced phase transitions in ferrimagnetic $\text{R}_2\text{Fe}_{14}\text{B}$ in ultra-high magnetic fields. <i>Physica B: Condensed Matter</i> , 1995 , 211, 105-107	2.8	21
77	Field-induced transitions of RCo_3 (R = Ho, Er and Tm) in ultrahigh magnetic fields up to 110 T. <i>Physica B: Condensed Matter</i> , 1995 , 211, 131-133	2.8	14
76	High-field magnetization in $\text{Ho}_1\text{Er}_1\text{Ga}_2$ single crystals. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 140-144, 1123-1124	2.8	1
75	On the nature of the first order magnetic phase transitions in modified Mn_2Sb compounds. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 140-144, 1543-1544	2.8	10
74	Magnetic properties of $\text{UCo}_1\text{Ru}_x\text{Sn}$ solid solutions. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 140-144, 1383-1384	2.8	14
73	Field-induced valence transition in $\text{YbIn}_1\text{Ag}_x\text{Cu}_4$. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 140-144, 1245-1246	2.8	10
72	Remarkable difference in the effects of nonmagnetic impurities on the Haldane and spin-Peierls systems. <i>Physical Review B</i> , 1995 , 51, 9399-9402	3.3	30
71	No phase transition in a magnetic field in the Ising spin glass $\text{Fe}_{0.5}\text{Mn}_{0.5}\text{TiO}_3$. <i>Physical Review Letters</i> , 1995 , 74, 4305-4308	7.4	129
70	Spin-glass behaviour of icosahedral Mg-Gd-Zn and Mg-Tb-Zn quasi-crystals. <i>Journal of Physics Condensed Matter</i> , 1995 , 7, 2313-2320	1.8	44
69	Spin fluctuations in amorphous $\text{La}(\text{Ni}_x\text{Al}_{1-x})_{13}$ alloys consisting of icosahedral clusters. <i>Journal of Physics Condensed Matter</i> , 1995 , 7, 401-412	1.8	10
68	Spin-glass-like behaviour and low-temperature specific heat of amorphous $\text{Er}_x\text{Ni}_{100-x}$ random magnetic anisotropy system. <i>Journal of Physics Condensed Matter</i> , 1995 , 7, 4193-4205	1.8	12
67	Magnetic properties of doped UCoSn . <i>Journal of Alloys and Compounds</i> , 1995 , 224, 86-88	5.7	4
66	Magnetic properties of $\text{UCo}_{0.9}\text{T}_{0.1}\text{Al}$ (T = Fe, Ni, Ru, Pd). <i>Journal of Alloys and Compounds</i> , 1995 , 224, 117-120	5.7	24
65	Electronic structure of metal hydrides studied by high field magnetization. <i>Journal of Alloys and Compounds</i> , 1995 , 231, 159-163	5.7	6

64	Magnetic properties of the hydrides based on RFe compounds. <i>Journal of Alloys and Compounds</i> , 1995 , 231, 201-204	5.7	4
63	Random magnetic anisotropy and competition of interactions due to exchange fluctuations in amorphous Er-Cu alloys. <i>Journal of Physics Condensed Matter</i> , 1995 , 7, 6345-6354	1.8	4
62	Magnetic anisotropy and magnetostriction of UFe ₁₀ Si ₂ . <i>Journal of Alloys and Compounds</i> , 1995 , 216, 221-225	5.7	16
61	Impurity Effect on the Stability of the Ground-State Spin Configuration in Triangular Lattice Antiferromagnet CuFeO ₂ . <i>Journal of the Physical Society of Japan</i> , 1995 , 64, 3643-3646	1.5	32
60	Spin-Glass Behavior in Amorphous Ti–Fe Alloys Prepared by High-Rate Sputtering. <i>Materials Transactions, JIM</i> , 1995 , 36, 848-851		1
59	Nonlinear Magnetization of a Quasi-One-Dimensional Triangular-Lattice Antiferromagnet CsNiCl ₃ up to 110 Tesla. <i>Journal of the Physical Society of Japan</i> , 1995 , 64, 3038-3042	1.5	13
58	Effect of Random Fields on the Phase Diagram of the Diluted Antiferromagnet Mn _{0.80} Mg _{0.20} TiO ₃ in the Field-Temperature Plane. <i>Journal of the Physical Society of Japan</i> , 1995 , 64, 4557-4560	1.5	3
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56	Magnetic Properties of U ₅ Pd ₆ . <i>Journal of the Physical Society of Japan</i> , 1994 , 63, 2503-2506	1.5	1
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54	High-Field Magnetization of One-Dimensional S=1/2 Trimer System 3CuCl ₂ ·2Dioxane. <i>Journal of the Physical Society of Japan</i> , 1994 , 63, 859-862	1.5	33
53	The distinction between the magnetic properties of quasicrystalline and amorphous Al _{85-x} Pd ₁₅ Mn _x alloys. <i>Journal of Physics Condensed Matter</i> , 1994 , 6, 10129-10140	1.8	9
52	Magnetization measurement of the Co moment induced by the molecular field in Y _{1-t} Gd _t Co ₃ . <i>Journal of Physics Condensed Matter</i> , 1994 , 6, 11119-11126	1.8	7
51	Itinerant metamagnetism of the Co-sublattice in the Y _{1-t} D _t Co ₃ system in ultrahigh magnetic fields up to 110 T. <i>Physica B: Condensed Matter</i> , 1994 , 193, 10-16	2.8	16
50	High-field magnetization process in the triangular lattice antiferromagnet CuFeO ₂ up to 100 T. <i>Physica B: Condensed Matter</i> , 1994 , 201, 71-74	2.8	58
49	Magnetic phase diagram of the triangular lattice antiferromagnet ABX ₃ under high magnetic field. <i>Physica B: Condensed Matter</i> , 1994 , 201, 75-79	2.8	12
48	Metamagnetic transition of the reentrant spin-glass Fe _{0.65} Mn _{0.35} TiO ₃ : Anomalous dependence on sweep-rate of magnetic fields. <i>Physica B: Condensed Matter</i> , 1994 , 201, 84-87	2.8	3
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45	Ultrahigh field magnetization of YCo_3 hydrides. <i>Physica B: Condensed Matter</i> , 1994 , 201, 135-138	2.8	9
44	Anomalous magnetization process of $Er_{1-x}Lu_xCo_2$. <i>Physica B: Condensed Matter</i> , 1994 , 201, 139-142	2.8	11
43	Co metamagnetism in $Y_{1-x}Nd_xCo_3$ under ultra-high magnetic field. <i>Physica B: Condensed Matter</i> , 1994 , 201, 143-146	2.8	11
42	Metamagnetic transition in $LuCo_2$ and its pseudo-binary compounds. <i>Physica B: Condensed Matter</i> , 1994 , 201, 147-150	2.8	10
41	Field-induced metamagnetic transition in valence fluctuating compound $YbIn_{1-x}Ag_xCu_4$. <i>Physica B: Condensed Matter</i> , 1994 , 201, 159-162	2.8	15
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39	Organic radical crystals, nitronyl nitroxide family: High-field magnetization study. <i>Physica B: Condensed Matter</i> , 1994 , 201, 497-499	2.8	24
38	Generation of 500 T fields by electromagnetic flux compression and their application to cyclotron resonance experiments. <i>Physica B: Condensed Matter</i> , 1994 , 201, 579-583	2.8	11
37	Itinerant electron metamagnetism and related phenomena in Co-based intermetallic compounds (invited). <i>Journal of Applied Physics</i> , 1994 , 76, 6682-6687	2.5	131
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35	Magnetic structure of the 4,4,4',4',5,5,5',5'-octamethyl-2,2'-m-phenylenebis(4,5-dihydroimidazol-1-oxyl 3-oxide) biradical: quantum spin effect of $S=1$ species associated with structural change. <i>Journal of Materials Chemistry</i> , 1994 , 4, 215-220		19
34	High-field magnetization process in $Mn_{1.9}Cr_{0.1}Sb$. <i>Journal of Alloys and Compounds</i> , 1994 , 210, 197-200	5.7	5
33	Magnetic Properties of Binary and Pseudobinary U-Au Heavy Fermion Systems. <i>Journal of the Physical Society of Japan</i> , 1994 , 63, 3421-3430	1.5	5
32	Magnetic phase transitions in Gd_3Co . <i>Journal of Alloys and Compounds</i> , 1993 , 202, 215-224	5.7	39
31	Magnetic Property and Phase Diagram of a Frustrated System with Competing Exchange Interactions, $FexMn_{1-x}TiO_3$. <i>Journal of the Physical Society of Japan</i> , 1993 , 62, 4488-4502	1.5	41
30	Magnetic Phase Diagrams of the Triangular Lattice Antiferromagnets $CsMnI_3$ and $CsNiBr_3$. <i>Journal of the Physical Society of Japan</i> , 1993 , 62, 743-749	1.5	13
29	Spin canting and hyperfine interactions in the reentrant Ising spin glass $Fe_{0.62}Mn_{0.38}TiO_3$. <i>Journal of Physics Condensed Matter</i> , 1993 , 5, 615-622	1.8	2

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26	Time-dependent ac susceptibility in spin glasses. <i>Physical Review B</i> , 1992 , 46, 13867-13873	3.3	13
25	High Field Magnetization Process of an $S=1$ One-Dimensional Antiferromagnet NENP. <i>Journal of the Physical Society of Japan</i> , 1992 , 61, 4155-4163	1.5	8
24	Magnetic behavior of a reentrant Ising spin glass. <i>Physical Review B</i> , 1992 , 46, 8227-8231	3.3	14
23	Successive phase transitions in ferromagnetic YCo_3 . <i>Physica B: Condensed Matter</i> , 1992 , 177, 255-258	2.8	57
22	Faraday rotation and magnetization measurements of $\text{Fe}_x\text{Mn}_{1-x}\text{F}_2$ in megagauss fields. <i>Physica B: Condensed Matter</i> , 1992 , 177, 307-310	2.8	4
21	High-field magnetization process of the Ising system $\text{Fe}_x\text{Mn}_{1-x}\text{TiO}_3$. <i>Physica B: Condensed Matter</i> , 1992 , 177, 323-326	2.8	4
20	Spin waves in a re-entrant spin glass $\text{Fe}_x\text{Mn}_{1-x}\text{TiO}_3$. <i>Physica B: Condensed Matter</i> , 1992 , 180-181, 209-210	2.8	3
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18	Equilibrium and nonequilibrium magnetic behaviour of a reentrant Ising spin glass. <i>Journal of Magnetism and Magnetic Materials</i> , 1992 , 104-107, 1607-1608	2.8	2
17	Study of Ising system $\text{Fe}_x\text{Mn}_{1-x}\text{TiO}_3$ with exchange frustrations by observing magnetization process. <i>Journal of Magnetism and Magnetic Materials</i> , 1992 , 104-107, 1635-1636	2.8	12
16	Static scaling in a short-range Ising spin glass. <i>Physical Review B</i> , 1991 , 43, 8199-8203	3.3	91
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