

Hiroko Aruga Katori

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#	Paper	IF	Citations
189	Spin-liquid state in the $S=1/2$ hyperkagome antiferromagnet $\text{Na}_4\text{Ir}_3\text{O}_8$. <i>Physical Review Letters</i> , 2007 , 99, 137207	7.4	385
188	Dynamics of an Ising spin-glass in the vicinity of the spin-glass temperature. <i>Physical Review Letters</i> , 1988 , 61, 754-757	7.4	220
187	Magnetization plateau in the frustrated quantum spin system Cs_2CuBr_4 . <i>Physical Review B</i> , 2003 , 67,	3.3	164
186	Magnetic-field induced transition to the $1/2$ magnetization plateau state in the geometrically frustrated magnet CdCr_2O_4 . <i>Physical Review Letters</i> , 2005 , 94, 047202	7.4	162
185	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
184	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
183	Aging, rejuvenation, and memory effects in Ising and Heisenberg spin glasses. <i>Physical Review B</i> , 2001 , 64,	3.3	121
182	Time-dependent phenomena in a short-range Ising spin-glass $\text{Fe}_{0.5}\text{Mn}_{0.5}\text{TiO}_3$. <i>Physical Review Letters</i> , 1986 , 57, 483-486	7.4	116
181	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
180	Static scaling in a short-range Ising spin glass. <i>Physical Review B</i> , 1991 , 43, 8199-8203	3.3	91
179	Nonequilibrium dynamics of spin glasses: Examination of the ghost domain scenario. <i>Physical Review B</i> , 2004 , 70,	3.3	89
178	Experimental Study of the de Almeida-Thouless Line by Using Typical Ising Spin-Glass $\text{Fe}_x\text{Mn}_{1-x}\text{TiO}_3$ with $x=0.41, 0.50, 0.55$ and 0.57 . <i>Journal of the Physical Society of Japan</i> , 1994 , 63, 3122-3128	1.5	69
177	Field-induced ferroelectric state in frustrated magnet $\text{CuFe}_{1-x}\text{Al}_x\text{O}_2$. <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 145244	1.8	67
176	Superconductivity in Rh_2Ga_9 and Ir_2Ga_9 without Inversion Symmetry. <i>Journal of the Physical Society of Japan</i> , 2007 , 76, 073708	1.5	65
175	Field-Induced Magnetic Long-Range Order in the Ferromagnetic-Antiferromagnetic Alternating Heisenberg Chain System $(\text{CH}_3)_2\text{CHNH}_3\text{CuCl}_3$ Observed by Specific Heat Measurements. <i>Journal of the Physical Society of Japan</i> , 1998 , 67, 3913-3917	1.5	62
174	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
173	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

172	Mixed phase of spin-glass ordering and antiferromagnetism in an Ising system, $\text{FexMn}_{1-x}\text{TiO}_3$. <i>Physical Review Letters</i> , 1987 , 59, 2364-2367	7.4	58
171	Successive phase transitions in ferromagnetic YCo_3 . <i>Physica B: Condensed Matter</i> , 1992 , 177, 255-258	2.8	57
170	Magnetic Phase Diagram of the Triangular Lattice Antiferromagnet $\text{CuFe}_{1-x}\text{Al}_x\text{O}_2$. <i>Journal of the Physical Society of Japan</i> , 2005 , 74, 2604-2611	1.5	53
169	Magnetic Properties of Oxygen Physisorbed in Cu-Trans-1,4-Cyclohexanedicarboxylic Acid. <i>Molecular Crystals and Liquid Crystals</i> , 1997 , 306, 1-7		51
168	Reentrant Spin-Glass Transition and a Mixed Phase in an Ising System $\text{FexMn}_{1-x}\text{TiO}_3$. <i>Journal of the Physical Society of Japan</i> , 1989 , 58, 1416-1426	1.5	50
167	Phase Transitions and Disorder Effects in Pure and Doped Frustrated Quantum Antiferromagnet Cs_2CuBr_4 . <i>Journal of the Physical Society of Japan</i> , 2005 , 74, 135-144	1.5	45
166	Phase diagram and reentrant spin-glass behavior in a random mixture of two Ising-antiferromagnets $\text{FexMn}_{1-x}\text{TiO}_3$. <i>Solid State Communications</i> , 1988 , 66, 475-479	1.6	45
165	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
164	Field-induced valence transition of $\text{Eu}(\text{Pd}_{1-x}\text{Pt}_x)_2\text{Si}_2$. <i>Physical Review B</i> , 1997 , 55, 12474-12479	3.3	42
163	Domain growth by isothermal aging in 3D Ising and Heisenberg spin glasses. <i>Physical Review Letters</i> , 2002 , 88, 257204	7.4	42
162	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
161	Magnetic Property and Phase Diagram of a Frustrated System with Competing Exchange Interactions, $\text{FexMn}_{1-x}\text{TiO}_3$. <i>Journal of the Physical Society of Japan</i> , 1993 , 62, 4488-4502	1.5	41
160	Magnetic phase transitions in Gd_3Co . <i>Journal of Alloys and Compounds</i> , 1993 , 202, 215-224	5.7	39
159	Superconductivity in Layered Pnictides BaRh_2P_2 and BaIr_2P_2 . <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 023706	1.5	38
158	Memory and chaos in an Ising spin glass. <i>Physical Review B</i> , 2001 , 65,	3.3	38
157	Appearance of a gapless phase over the intermediate region between the Haldane phase and the singlet dimer phase in random alternating Heisenberg chains $(\text{CH}_3)_2\text{CHNH}_3\text{Cu}(\text{ClxBr}_{1-x})_3$. <i>Physical Review B</i> , 2001 , 63,	3.3	37
156	Specific heat of an $S=12$ Heisenberg ladder compound $\text{Cu}_2(\text{C}_5\text{H}_{12}\text{N}_2)_2\text{Cl}_4$ under magnetic fields. <i>Physical Review B</i> , 2000 , 62, 1051-1057	3.3	37
155	Inducing a magnetic ordering in the Haldane material $\text{Ni}()$ by magnetic field. <i>Journal of Physics Condensed Matter</i> , 1997 , 9, L83-L88	1.8	35

154	Metal-Insulator Transition in a Pyrochlore-type Ruthenium Oxide, $\text{Hg}_2\text{Ru}_2\text{O}_7$. <i>Journal of the Physical Society of Japan</i> , 2007 , 76, 043703	1.5	33
153	A metallic $(\text{EDT-DSDTFVSDS})_2\text{FeBr}_4$ salt: antiferromagnetic ordering of d spins of FeBr_4^- ions and anomalous magnetoresistance due to preferential p-d interaction. <i>Journal of the American Chemical Society</i> , 2006 , 128, 11746-7	16.4	33
152	High-Field Magnetization of One-Dimensional $S=1/2$ Trimer System $3\text{CuCl}_2\cdot 2\text{dioxane}$. <i>Journal of the Physical Society of Japan</i> , 1994 , 63, 859-862	1.5	33
151	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
150	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
149	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
148	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
147	Dynamical breakdown of the Ising spin-glass order under a magnetic field. <i>Physical Review B</i> , 2005 , 71,	3.3	30
146	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
145	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
144	Frequency-Dependent Phenomenon in a Short-Range Ising Spin-Glass, $\text{Fe}_{0.5}\text{Mn}_{0.5}\text{TiO}_3$. <i>Journal of the Physical Society of Japan</i> , 1988 , 57, 261-266	1.5	28
143	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
142	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
141	First-Order Valence Transition of EuPd_2Si_2 Induced by High Magnetic Fields. <i>Journal of the Physical Society of Japan</i> , 1996 , 65, 3471-3473	1.5	26
140	Behavior of the Transverse Spin Component in the Short-Range Ising Spin-Glass $\text{Fe}_{0.5}\text{Mn}_{0.5}\text{TiO}_3$. <i>Journal of the Physical Society of Japan</i> , 1990 , 59, 829-832	1.5	25
139	Collapse of the itinerant Co moment in $\text{Er}_{1-x}\text{Lu}_x\text{Co}_2$ by the application of high magnetic fields. <i>Physica B: Condensed Matter</i> , 1997 , 229, 315-320	2.8	24
138	Magnetic properties of single crystal of cobalt spinel. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, e448-e450	2.8	24
137	Magnetic properties of $\text{UCo}_{0.9}\text{Tl}_{0.1}\text{Al}$ ($T = \text{Fe, Ni, Ru, Pd}$). <i>Journal of Alloys and Compounds</i> , 1995 , 224, 117-120	5.7	24

136	Organic radical crystals, Nitronyl nitroxide family: High-field magnetization study. <i>Physica B: Condensed Matter</i> , 1994 , 201, 497-499	2.8	24
135	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
134	Field-induced phase transitions in ferrimagnetic R ₂ Fe ₁₄ B in ultra-high magnetic fields. <i>Physica B: Condensed Matter</i> , 1995 , 211, 105-107	2.8	21
133	Field-Dependent Phenomena in Reentrant-Spin-Glass: Fe _x Mn _{1-x} TiO ₃ with x=0.60, 0.65 and 0.75. <i>Journal of the Physical Society of Japan</i> , 1988 , 57, 2636-2639	1.5	21
132	The temperature dependence of the itinerant-electron metamagnetic transition in Laves-phase Lu(Co _{1-x} Ga _x) ₂ compounds. <i>Journal of Physics Condensed Matter</i> , 1993 , 5, 2583-2590	1.8	20
131	Ferrimagnetic ordering due to Fe(III) d and donor pi spins in (ethylenedithio)tetrathiafulvalenoquinone-1,3-dithiolemethide) ₂ .FeBr ₄ . <i>Inorganic Chemistry</i> , 2004 , 43, 3780-2	5.1	19
130	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, 915-920		19
129	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
128	Field-induced magnetic transition of Mn ₃ GaC. <i>Solid State Communications</i> , 1997 , 101, 811-814	1.6	17
127	Frustrated minority spins in GeNi ₂ O ₄ . <i>Europhysics Letters</i> , 2008 , 82, 37006	1.6	17
126	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
125	Phase transition of a triangular lattice Ising antiferromagnet FeI ₂ . <i>Physical Review B</i> , 2010 , 82,	3.3	16
124	Mixing-Typed Antiferroquadrupolar Ordering in YbSb. <i>Journal of the Physical Society of Japan</i> , 2001 , 70, 259-266	1.5	16
123	Magnetic anisotropy and magnetostriction of UFe ₁₀ Si ₂ . <i>Journal of Alloys and Compounds</i> , 1995 , 216, 221-225	5.7	16
122	Itenerant metamagnetism of the Co-sublattice in the Y _{1-x} Co ₃ system in ultrahigh magnetic fields up to 110 T. <i>Physica B: Condensed Matter</i> , 1994 , 193, 10-16	2.8	16
121	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, 3049-56	5.1	15
120	Field-induced metamagnetic transition in valence fluctuating compound YbIn _{1-x} Ag _x Cu ₄ . <i>Physica B: Condensed Matter</i> , 1994 , 201, 159-162	2.8	15
119	Spin glass dynamics of the short range ising system Fe _{0.5} Mn _{0.5} TiO ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 1987 , 71, 22-26	2.8	15

118	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
117	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
116	Magnetic Phase Transition and Magnetization Plateau in Cs ₂ CuBr ₄ . <i>Progress of Theoretical Physics Supplement</i> , 2002 , 145, 101-106		14
115	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
114	Magnetic properties of UCo _{1-x} Bu _x Sn solid solutions. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 140-144, 1383-1384	2.8	14
113	Magnetic behavior of a reentrant Ising spin glass. <i>Physical Review B</i> , 1992 , 46, 8227-8231	3.3	14
112	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
111	Isothermal remanent magnetization and the spin dimensionality of spin glasses. <i>Philosophical Magazine Letters</i> , 2010 , 90, 723-729	1	13
110	Bose-glass state in one-dimensional random antiferromagnets. <i>Physical Review B</i> , 2009 , 79,	3.3	13
109	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
108	Neutron scattering study of transverse magnetism in the metamagnet FeBr ₂ . <i>European Physical Journal B</i> , 2000 , 15, 35-40	1.2	13
107	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
106	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
105	Time-dependent ac susceptibility in spin glasses. <i>Physical Review B</i> , 1992 , 46, 13867-13873	3.3	13
104	Spin-glass-like behaviour and low-temperature specific heat of amorphous Er _x Ni _{100-x} random magnetic anisotropy system. <i>Journal of Physics Condensed Matter</i> , 1995 , 7, 4193-4205	1.8	12
103	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
102	Study of Ising system Fe _x Mn _{1-x} 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
101	New haldane gap system confirmed from high-field magnetization. <i>Solid State Communications</i> , 1990 , 76, 999-1002	1.6	12

100	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
99	Finite versus zero-temperature hysteretic behavior of spin glasses: Experiment and theory. <i>Physical Review B</i> , 2007 , 76,	3.3	11
98	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
97	Giant magnetovolume effect of CrTe. <i>Journal of Alloys and Compounds</i> , 2000 , 297, 5-8	5.7	11
96	Anomalous magnetization process of Er _{1-x} Lu _x Co ₂ . <i>Physica B: Condensed Matter</i> , 1994 , 201, 139-142	2.8	11
95	Co metamagnetism in Y _{1-x} Nd _x Co ₃ under ultra-high magnetic field. <i>Physica B: Condensed Matter</i> , 1994 , 201, 143-146	2.8	11
94	Nonmagnetic impurity effect on the Haldane gap system NiC ₂ O ₄ ·DMF studied by high-field magnetization up to 40 T. <i>Physica B: Condensed Matter</i> , 1994 , 201, 186-191	2.8	11
93	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
92	Studies on spin-glass freezing and antiferromagnetic long-range order in an Ising spin-glass system Fe _x Mn _{1-x} TiO ₃ . <i>Hyperfine Interactions</i> , 1990 , 54, 567-570	0.8	11
91	Ten Layered Hexagonal Perovskite Sr ₅ Ru _{5-x} 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
90	Metallic/semiconducting behaviors and an antiferromagnetic ordering of FeBr ₄ spins in (Benzo-TTFVS) ₂ MX ₄ (M = Fe, Ga; X = Cl, Br). <i>Journal of Materials Chemistry</i> , 2005 , 15, 3479		10
89	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
88	On the nature of the first order magnetic phase transitions in modified Mn ₂ Sb compounds. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 140-144, 1543-1544	2.8	10
87	Field-induced valence transition in YbIn _{1-x} Ag _x Cu ₄ . <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 140-144, 1245-1246	2.8	10
86	Spin fluctuations in amorphous La(Ni _x Al _{1-x}) ₁₃ alloys consisting of icosahedral clusters. <i>Journal of Physics Condensed Matter</i> , 1995 , 7, 401-412	1.8	10
85	Metamagnetic transition in LuCo ₂ and its pseudo-binary compounds. <i>Physica B: Condensed Matter</i> , 1994 , 201, 147-150	2.8	10
84	Equilibrium magnetic fluctuations of a short-range Ising spin glass. <i>Physical Review B</i> , 1989 , 40, 7162-7166	6.3	10
83	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

82	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
81	Ultrahigh field magnetization of YCo ₃ hydrides. <i>Physica B: Condensed Matter</i> , 1994 , 201, 135-138	2.8	9
80	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
79	Weak ferromagnetism in a semiconducting (ethylenedithiodiselenadithiafulvalenoquinone-1,3-diselenolemethide) ₂ .FeBr ₄ salt. <i>Inorganic Chemistry</i> , 2007 , 46, 8478-80	5.1	8
78	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
77	Phase Diagram of a Reentrant Ising Spin Glass Fe _{0.6} Mn _{0.4} TiO ₃ on the Magnetic Field-Temperature Plane. <i>Journal of the Physical Society of Japan</i> , 1994 , 63, 3145-3157	1.5	8
76	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
75	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
74	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
73	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
72	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
71	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
70	spin systems on frustrated pyrochlore lattice. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 1275-1279	2.8	6
69	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
68	Electronic structure of metal hydrides studied by high field magnetization. <i>Journal of Alloys and Compounds</i> , 1995 , 231, 159-163	5.7	6
67	Neutron-diffraction and high-field-magnetization study of the magnetic phase transition in the triangular-lattice antiferromagnet ABX ₃ . <i>Physica B: Condensed Matter</i> , 1995 , 213-214, 209-211	2.8	6
66	Anomalous Behavior of Localized Magnetic Moments in Itinerant Ferromagnets Ln ₂ Co ₁₂ P ₇ (Ln = Y, Pr, Nd, Sm, Gd and Dy). <i>Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2016 , 63, 652-656	0.2	6
65	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

64	Anomalous heat capacity of antiferromagnet FeBr ₂ in a magnetic field. <i>Journal of Applied Physics</i> , 1997 , 81, 4396-4398	2.5	5
63	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
62	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
61	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
60	Magnetic Energy Gap in the Crystal of an Organic Biradical, m-BNN: m-Phenylene Bis(π-Nitronyl Nitroxide). <i>Molecular Crystals and Liquid Crystals</i> , 1993 , 232, 109-116		5
59	Field-induced transitions of Y _{1-x} Gdx(Co _{0.93} Al _{0.07}) ₂ in ultrahigh magnetic fields up to 100T. <i>Physica B: Condensed Matter</i> , 1994 , 201, 131-134	2.8	5
58	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
57	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
56	Effect of magnetic fields on reentrant-spin-glass FexMn _{1-x} TiO ₃ (x = 0.60, 0.65 and 0.75). <i>Physica B: Condensed Matter</i> , 1989 , 155, 311-314	2.8	5
55	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
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49	Faraday rotation and magnetization measurements of FexMn _{1-x} F ₂ in megagauss fields. <i>Physica B: Condensed Matter</i> , 1992 , 177, 307-310	2.8	4
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38	Spin waves in a re-entrant spin glass Fe _x Mn _{1-x} TiO ₃ . <i>Physica B: Condensed Matter</i> , 1992 , 180-181, 209-210. 2.8	2.8	3
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