

Rafik Ballou

List of Publications by Year in descending order

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162
papers

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168
all docs

168
docs citations

168
times ranked

5729
citing authors

#	ARTICLE	IF	CITATIONS
1	Does (TaSe ₄) ₂ I really harbor an axionic charge density wave?. Applied Physics Letters, 2022, 120, .	3.3	10
2	Dimer physics in the frustrated Cairo pentagonal antiferromagnet Bi ₂ Fe ₄ O ₉ . Acta Crystallographica Section A: Foundations and Advances, 2021, 77, C312-C312.	0.1	2
3	Ba ₃ NbFe ₃ Si ₂ O ₁₄ : a model system to study magnetic chirality. Acta Crystallographica Section A: Foundations and Advances, 2021, 77, C441-C441.	0.1	0
4	Higher-order crystal field and rare-earth magnetism in rare-earth intermetallics. Physical Review B, 2020, 101, .	3.2	15
5	Quadrupolar spin-lattice effects in magnetically frustrated Tb ₂ Ti ₂ O ₇ . Physical Review B, 2020, 101, .	3.2	10
6	Dimer Physics in the Frustrated Cairo Pentagonal Antiferromagnet Dy ₂ O ₇ . Physical Review Letters, 2020, 124, 127202.	7.8	15
7	Fragmented monopole crystal, dimer entropy, and Coulomb interactions in Dy ₂ O ₇ . Physical Review Research, 2020, 2, .	3.6	15
8	Spin-Lattice Coupling in the Quantum Spin Ice Candidate Tb ₂ Ti ₂ O ₇ Revealed by THz Spectroscopy. Proceedings (mdpi), 2019, 26, 50.	0.2	0
9	Interplay between spin dynamics and crystal field in the multiferroic compound HoMnO ₃ . Physical Review B, 2019, 100, .	3.2	7
10	OSQAR chameleon afterglow search experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 187-188.	1.6	0
11	Spin decoupling under a staggered field in the Gd ₂ O ₇ pyrochlore. Physical Review B, 2019, 99, .	3.2	11
12	Field-induced double spin spiral in a frustrated chiral magnet. Npj Quantum Materials, 2019, 4, .	5.2	11
13	Generalized Ramsey interferometry explored with a single nuclear spin qudit. Npj Quantum Information, 2018, 4, .	6.7	25
14	Double vibronic process in the quantum spin ice candidate Tb ₂ O ₇ revealed by terahertz spectroscopy. Physical Review B, 2017, 95, .	3.2	28
15	Operating Quantum States in Single Magnetic Molecules: Implementation of Grover's Quantum Algorithm. Physical Review Letters, 2017, 119, 187702.	7.8	256
16	Fragmentation in spin ice from magnetic charge injection. Nature Communications, 2017, 8, 209.	12.8	37
17	Experimental evidence of symmetry breaking in the multiferroic Ba ₃ NbFe ₃ Si ₂ O ₁₄ using sound velocity measurements. Physical Review B, 2017, 96, .	3.2	6
18	Crystal symmetry lowering in chiral multiferroic Ba ₃ Fe ₃ Si ₂ O ₁₄ observed by x-ray magnetic scattering. Physical Review B, 2017, 95, .	3.2	14

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19	The magnetic properties and structure of the quasi-two-dimensional antiferromagnet CoPS_3 . Journal of Physics Condensed Matter, 2017, 29, 455801.	1.8	81
20	Magnetic properties of the honeycomb oxide $\text{Na}_2\text{Co}_2\text{TeO}_6$. Physical Review B, 2016, 94, .	3.2	90
21	Synchrotron radiation for probing the quantum ground state in $\text{Tb}_2\text{Ti}_2\text{O}_7$. , 2016, , .		0
22	Helical bunching and symmetry lowering inducing multiferroicity in Fe langasites. Physical Review B, 2016, 93, .	3.2	17
23	Anisotropic interactions opposing magnetocrystalline anisotropy in $\text{Sr}_2\text{Fe}_2\text{O}_7$. Physical Review B, 2016, 93, .		
24	New exclusion limits on scalar and pseudoscalar axionlike particles from light shining through a wall. Physical Review D, 2015, 92, .	4.7	128
25	Anisotropy-Tuned Magnetic Order in Pyrochlore Iridates. Physical Review Letters, 2015, 114, 247202.	7.8	40
26	Symmetry-protected hidden order and magnetic neutron Bragg diffraction by URu_2Si_2 . Journal of Physics Condensed Matter, 2014, 26, 046003.	1.8	15
27	Magneto- to Electroactive Transmutation of Spin Waves in ErMnO_3 . Physical Review Letters, 2014, 112, 137201.	7.8	26
28	Magnetic order in the frustrated Ising-like chain compound Sr_3O_6 . Physical Review B, 2014, 90, .	3.2	27
29	Search for weakly interacting sub-eV particles with the OSQAR laser-based experiment: results and perspectives. European Physical Journal C, 2014, 74, 1.	3.9	27
30	Electrically driven nuclear spin resonance in single-molecule magnets. Science, 2014, 344, 1135-1138.	12.6	678
31	THz Magnetoelectric Atomic Rotations in the Chiral Compound $\text{Ba}_3\text{NbFe}_2\text{O}_{17}$. Physical Review Letters, 2014, 112, 137201.	7.8	11
32	Dzyaloshinskii-Moriya Driven helical butterfly structure in $\text{Ba}_3\text{NbFe}_2\text{O}_{17}$. Physical Review Letters, 2014, 112, 137201.	3.2	24
33	Magnetic properties of a family of quinary oxalates. European Physical Journal B, 2013, 86, 1.	1.5	9
34	Quantum Interference Oscillations of the Superparamagnetic Blocking in an Fe_8 Molecular Nanomagnet. Physical Review Letters, 2013, 111, 057201.	7.8	11
35	Axion search by laser-based experiment OSQAR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 530-532.	1.6	6
36	Polarized Neutron on URu_2Si_2 . Physics Procedia, 2013, 42, 4-9.	1.2	2

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37	Inhomogeneous magnetism in the doped kagome lattice of LaCuO _{2.66} . Physical Review B, 2013, 87, .	3.2	6
38	Hidden Order in URu_2Si_2 . Physical Review Letters, 2012, 109, 067202.	7.8	31
39	Crystallography: Symmetry groups and group representations. EPJ Web of Conferences, 2012, 22, 00006.	0.3	3
40	Magnetic chirality as probed by neutron scattering. European Physical Journal: Special Topics, 2012, 213, 5-36.	2.6	32
41	An introduction to the linear representations of finite groups. EPJ Web of Conferences, 2012, 22, 00005.	0.3	0
42	Magnetic field effect on electrodeposition of cobalt dendrites. Magnetohydrodynamics, 2012, 48, 305-312.	0.3	0
43	Role of Antisymmetric Exchange in Selecting Magnetic Chirality in $Ba_3Nb_2O_{14}$. Physical Review Letters, 2011, 107, 257203.	7.8	32
44	Parity-Broken Chiral Spin Dynamics in $Ba_3Nb_2O_{14}$. Physical Review Letters, 2011, 106, 207201.	7.8	44
45	Domain-Wall Spin Dynamics in Kagome Antiferromagnets. Physical Review Letters, 2011, 107, 257205.	7.8	16
46	Magnetic Dipolar Ordering and Quantum Phase Transition in an Fe_8 Molecular Magnet. Physical Review Letters, 2011, 107, 097203.	7.8	38
47	Magnetic and dielectric properties in the langasite-type compounds: $B_3A_3B_2$. Physical Review B, 2010, 81, .	3.2	74
48	Structural and magnetic properties of new rare-earth $\hat{A}E$ antimony pyrochlore-type oxides Ln ₂ BSbO ₇ (B \hat{A} =As, Ga, In). Solid State Sciences, 2010, 12, 570-577.	3.2	12
49	Magnetolectric $MnPS$ a candidate for ferrotoroidicity. Physical Review B, 2010, 82, .	3.2	132
50	Magnetic characterization of the non centrosymmetric Ba ₃ NbFe ₃ Si ₂ O ₁₄ langasite. Journal of Magnetism and Magnetic Materials, 2009, 321, 1778-1781.	2.3	28
51	Structural and magnetic properties of the (Bi _{2-\hat{x}} Pr _{\hat{x}})Ru ₂ O ₇ pyrochlore solid solution (0 $\hat{\le}$ \hat{x} $\hat{\le}$ 2). Journal of Alloys and Compounds, 2009, 476, 43-48.	5.5	6
52	Characterization of MHD in thin cell electrodeposition. Magnetohydrodynamics, 2009, 45, 253-258.	0.3	2
53	Magnetic and dielectric properties of Fe-based langasites. Acta Crystallographica Section A: Foundations and Advances, 2009, 65, s204-s204.	0.3	0
54	Synthesis and structure of new pyrochlore-type oxides Ln ₂ ScNbO ₇ (Ln=Pr, Nd, Eu, Gd, Dy). Materials Letters, 2008, 62, 3767-3769.	2.6	23

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55	Results from the OSQAR photon-regeneration experiment: No light shining through a wall. Physical Review D, 2008, 78, .	4.7	81
56	Propagation and Ghosts in the Classical Kagome Antiferromagnet. Physical Review Letters, 2008, 101, 117207.	7.8	39
57	Logarithmic Fermi-Liquid Breakdown in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:msub} \langle \text{mml:mi} \text{NbFe} \langle \text{mml:mi} \langle \text{mml:mn} \text{2} \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle .$	7.8	76
58	Formation of collective spins in frustrated clusters. Physical Review B, 2008, 77, .	3.2	7
59	Hidden Magnetic Frustration by Quantum Relaxation in Anisotropic Nd Langasite. Physical Review Letters, 2008, 100, 237204.	7.8	22
60	Single Domain Magnetic Helicity and Triangular Chirality in Structurally Enantiopure $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:msub} \langle \text{mml:mi} \text{Ba} \langle \text{mml:mi} \langle \text{mml:mn} \text{3} \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:msub} \langle \text{mml:mi} \text{NbFe} \langle \text{mml:mi} \langle \text{mml:mn} \text{8} \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle .$	7.8	81
61	Hierarchical geometric frustration in La ₃ Cu ₂ VO ₉ . Journal of Physics Condensed Matter, 2007, 19, 145280.	1.8	1
62	Logarithmic Fermi-liquid breakdown in. Journal of Magnetism and Magnetic Materials, 2007, 310, 852-854.	2.3	5
63	Form factors in magnetic scattering of thermal neutrons. \AA° matique De La Soci \AA° Fran \AA° aise De La Neutronique, 2007, 12, 69-122.	0.2	1
64	Magnetic frustration on a Kagom \AA° lattice in R ₃ Ga ₅ SiO ₁₄ langasites with R = Nd, Pr. Journal of Physics Condensed Matter, 2006, 18, 5147-5153.	1.8	44
65	Structural and magnetic properties in the ruthenate Bi _{2.67} Pr _{0.33} Ru ₃ O ₁₁ . Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 3272-3276.	0.8	0
66	Magnetic excitations in a new anisotropic kagom \AA° antiferromagnet. Physica B: Condensed Matter, 2006, 385-386, 72-74.	2.7	4
67	Spin-Liquid Correlations in the Nd-Langasite Anisotropic Kagom \AA° Antiferromagnet. Physical Review Letters, 2006, 96, 197205.	7.8	38
68	Representation Analysis of Magnetic Structures. , 2006, , 93-151.		2
69	Electrochemical deposition of iron in a thin cell under an in-plane magnetic field. Magnetohydrodynamics, 2006, 42, 403-408.	0.3	1
70	Magnetisation distribution measurements from powders using a ³ He spin filter: a test experiment. Physica B: Condensed Matter, 2005, 356, 254-258.	2.7	12
71	Magnetic field effects on viscous fingering of a ferrofluid in an anisotropic Hele-Shaw cell. Magnetohydrodynamics, 2005, 41, 373-378.	0.3	0
72	$\hat{\text{\AA}}$ -chains of spin 1/2 in oxygen doped Cu based delafossite. Journal of Physics Condensed Matter, 2004, 16, S805-S810.	1.8	6

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73	InCuO _{2.5} and ScCuO _{2.5} : new oxidized copper delafossites with triangular lattices of Cu ²⁺ cations. <i>Journal of Physics Condensed Matter</i> , 2004, 16, S811-S816.	1.8	16
74	Electrochemical growth of iron and cobalt arborescences under a magnetic field. <i>Physical Review E</i> , 2004, 69, 021605.	2.1	17
75	Influence of the morphology on the magnetism of iron arborescences. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 2439-2441.	2.3	2
76	Electronic Interaction in an Outer-Sphere Mixed-Valence Double Salt: A Polarized Neutron Diffraction Study of K ₃ (MnO ₄) ₂ . <i>Inorganic Chemistry</i> , 2004, 43, 7061-7067.	4.0	5
77	Reply [to "Comment on "Impact demagnetization by phase transition on Mars" by P. Surdas Mohit]. <i>Eos</i> , 2004, 85, 219-219.	0.1	2
78	Models for ordering in the jarosites Kagomé systems. <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 262, 465-471.	2.3	25
79	Magnetic ground state of Kagomé systems: the example of the jarosites compounds. <i>Physica Status Solidi (B): Basic Research</i> , 2003, 236, 240-245.	1.5	13
80	Impact demagnetization by phase transition on Mars. <i>Eos</i> , 2003, 84, 561.	0.1	5
81	High pressure magnetic transition in pyrrhotite and impact demagnetization on Mars. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	70
82	Electrochemical growth of Zn and Fe arborescences under normal magnetic field. <i>Magneto hydrodynamics</i> , 2003, 39, 461-468.	0.3	9
83	Electrochemical growth of iron and cobalt arborescences under a magnetic field: a TEM study. <i>Physical Review B</i> , 2002, 66, .	3.2	17
84	Model of localized highly frustrated ferromagnetism: The Kagomé spin ice. <i>Physical Review B</i> , 2002, 66, .	3.2	127
85	Analytical Determination of the {Ln-Aminoxyl Radical} Exchange Interaction Taking into Account Both the Ligand-Field Effect and the Spin-Orbit Coupling of the Lanthanide Ion (Ln=DyIII and HoIII). <i>Chemistry - A European Journal</i> , 2002, 8, 525-531.	3.3	203
86	Experimental and analytical insight into the exchange interaction involving paramagnetic f ions. <i>Polyhedron</i> , 2001, 20, 1593-1597.	2.2	13
87	Observation of Magnetic Coupling Between Distant Metal Centers in K ₃ (MnO ₄) ₂ by Muon Spin Relaxation Measurements. <i>ChemPhysChem</i> , 2001, 2, 683-688.	2.1	3
88	Magnetic properties of Fe arborescences grown by electrodeposition. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 226-230, 1978-1980.	2.3	5
89	Geometric frustration in the RMn ₂ Laves phase compounds. <i>Canadian Journal of Physics</i> , 2001, 79, 1475-1485.	1.1	4
90	¹ / ₄ SR study of YMn ₁₂ . <i>Physica B: Condensed Matter</i> , 2000, 289-290, 261-264.	2.7	7

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91	Magnetic properties of GdMn ₂ from $\hat{1}/4$ SR. Physica B: Condensed Matter, 2000, 289-290, 265-268.	2.7	7
92	Magnetic ordering of GdMn ₂ . Physica B: Condensed Matter, 2000, 276-278, 670-671.	2.7	16
93	Current-voltage investigation of vortex motion in YBa ₂ Cu ₃ O _{7-x} $\hat{1}/4$ micro-bridges under high magnetic fields. Physica B: Condensed Matter, 2000, 284-288, 721-722.	2.7	6
94	High pressure $\hat{1}/4$ SR studies: rare earths and related materials. , 2000, 128, 275-303.		2
95	Electrochemical Growth of Iron Arborescences under In-Plane Magnetic Field: Morphology Symmetry Breaking. Physical Review Letters, 1999, 83, 2612-2615.	7.8	75
96	Large metal clusters and lattices with analogues to biology. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1999, 357, 3099-3118.	3.4	38
97	Geometric frustration in Rare Earth antiferromagnetic compounds. Journal of Alloys and Compounds, 1998, 275-277, 510-517.	5.5	22
98	Quantum Coherence in Small Antiferromagnets. Physical Review Letters, 1997, 79, 289-292.	7.8	19
99	Thermally assisted macroscopic quantum resonance on a single-crystal of Mn ₁₂ -acetate. Journal of Applied Physics, 1997, 81, 4608-4610.	2.5	64
100	Magnetic properties of Y(Co _{1-x} Ni _x) ₄ Al compounds. Journal of Alloys and Compounds, 1996, 242, L5-L7.	5.5	6
101	Magnetic properties of Y ₃ Co _{11-x} Ni _x B ₄ compounds. Journal of Magnetism and Magnetic Materials, 1996, 157-158, 631-632.	2.3	5
102	Macroscopic quantum tunnelling of magnetization in a single crystal of nanomagnets. Nature, 1996, 383, 145-147.	27.8	1,894
103	Spin fluctuations in itinerant electron antiferromagnetism and anomalous properties of Y(Sc)Mn ₂ . Physical Review B, 1996, 54, 15178-15184.	3.2	34
104	Spin Fluctuations in (Y _{0.97} Sc _{0.03})Mn ₂ : A Geometrically Frustrated, Nearly Antiferromagnetic, Itinerant Electron System. Physical Review Letters, 1996, 76, 2125-2128.	7.8	131
105	Spin Fluctuations in (Y _{0.97} Sc _{0.03})Mn ₂ : A Geometrically Frustrated, Nearly Antiferromagnetic, Itinerant Electron System. Physical Review Letters, 1996, 77, 790-790.	7.8	3
106	Anomalous properties of CeCo ₄ B. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 933-934.	2.3	8
107	Magnetic properties of (Gd _{1-x} Y _x)Co ₃ B ₂ compounds. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 945-946.	2.3	21
108	Magnetic properties of the Ce ₂ Co ₇ B ₃ compound. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 955-956.	2.3	12

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109	Magnetic frustration and instability in Dy ^{1-x} La ^x Mn ₂ . Journal of Magnetism and Magnetic Materials, 1995, 140-144, 811-812.	2.3	2
110	Magnetic aftereffect experiments at low temperature: Linear response and quantum noise. Physical Review B, 1995, 52, 3466-3470.	3.2	6
111	Field induced first order magnetic transition and associated volume effect in TbMn ₂ . Journal of Magnetism and Magnetic Materials, 1994, 137, L6-L10.	2.3	7
112	Ferromagnetism in the ThCr ₂ Si ₂ type phosphide LaCo ₂ P ₂ . Journal of Magnetism and Magnetic Materials, 1994, 138, 85-93.	2.3	59
113	¹⁵¹ Sm NMR magnetic response in frustrated antiferromagnets of type RMn ₂ (R = rare earth). Hyperfine Interactions, 1994, 85, 265-270.	0.5	5
114	Saturation magnetization and anisotropy fields in the Sm(Co _{1-x} Cu _x) ₅ phases. Journal of Applied Physics, 1994, 75, 6277-6279.	2.5	141
115	The role of R-M compounds in the understanding of magnetism. Journal of Magnetism and Magnetic Materials, 1994, 129, 1-9.	2.3	6
116	Magnetic properties of R _{n+1} Co _{3n+5} B _{2n} compounds with R=Y or Gd. IEEE Transactions on Magnetics, 1994, 30, 628-630.	2.1	31
117	Mössbauer investigation of the peculiar magnetism of Tb(Mn _{1-x} Fe _x) ₂ at small substitution of Fe for Mn. Solid State Communications, 1993, 85, 419-422.	1.9	6
118	Intersublattice f-d exchange interaction in the intermetallic Laves phase compounds Y _{1-x} Tb _x Gd ₂ (Co _{1-x} Al _x) ₂ . Journal of Magnetism and Magnetic Materials, 1993, 118, 159-164.	2.3	12
119	A spin-glass state in the itinerant magnet systems Y(Co _{1-x} Mn _x) ₂ and Lu(Co _{1-x} Mn _x) ₂ . Journal of Magnetism and Magnetic Materials, 1993, 119, 294-300.	2.3	7
120	Magnetic properties of (Gd _x Y _{1-x})Co ₂ B ₂ compounds. Journal of Magnetism and Magnetic Materials, 1993, 118, L285-L289.	2.3	7
121	Mn moment instability and magnetic structures of Tb _{1-x} Sc _x Mn ₂ . Journal of Magnetism and Magnetic Materials, 1993, 123, L249-L254.	2.3	13
122	Magnetic properties of (Gd _x Y _{1-x}) ₂ Co ₇ B ₃ compounds. Journal of Applied Physics, 1993, 73, 5695-5697.	2.5	23
123	LOW-TEMPERATURE SPECIFIC HEAT OF YMn ₂ IN THE PARAMAGNETIC AND ANTIFERROMAGNETIC PHASES. International Journal of Modern Physics B, 1993, 07, 830-833.	2.0	19
124	ITINERANT ANTIFERROMAGNETISM IN A FRUSTRATED LATTICE. International Journal of Modern Physics B, 1993, 07, 1004-1007.	2.0	1
125	Phase Transitions Induced in HoCo ₃ Ni ₂ Single Crystals. Acta Physica Polonica A, 1993, 83, 209-218.	0.5	2
126	Unusual field-induced transition in a frustrated itinerant antiferromagnet. Physical Review B, 1992, 45, 3158-3160.	3.2	20

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127	Effect of frustration near the magnetic-nonmagnetic transition. <i>Physical Review B</i> , 1992, 46, 990-997.	3.2	23
128	Effects of exchange frustrations in NdMn ₂ . <i>Journal of Physics Condensed Matter</i> , 1992, 4, 4675-4686.	1.8	9
129	Mn moment instability in the TbMn ₂ intermetallic compound. <i>Journal of Physics Condensed Matter</i> , 1992, 4, 1103-1113.	1.8	50
130	Direct observation of electron localisation in a mixed-valence double salt: a polarised neutron diffraction study of K ₃ (MnO ₄) ₂ . <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 1445.	2.0	7
131	Field-induced canting of the ferrimagnetic structure in Gd ₂ Co ₇ . <i>Physica B: Condensed Matter</i> , 1992, 177, 262-264.	2.7	6
132	Gigantic increase in the Curie temperature of the R(Co _{1-x} Mn _x) ₂ (R: heavy rare earths) systems at small Mn concentrations. <i>Journal of Magnetism and Magnetic Materials</i> , 1992, 110, 209-214.	2.3	21
133	Exchange frustration and metastability of the magnetic structure of TbMn ₂ . <i>Journal of Magnetism and Magnetic Materials</i> , 1992, 104-107, 935-936.	2.3	18
134	Anisotropy of the 3d-4f exchange interaction in RCo intermetallics (R: rare earth). <i>Journal of Magnetism and Magnetic Materials</i> , 1992, 104-107, 1463-1464.	2.3	8
135	Study of the Mn-moment instability in the TbMn ₂ intermetallic compound by substitutions of Fe for Mn. <i>Journal of Magnetism and Magnetic Materials</i> , 1992, 104-107, 1465-1467.	2.3	9
136	S = 1 Ising model on a triangular lattice. <i>Journal of Magnetism and Magnetic Materials</i> , 1992, 104-107, 285-286.	2.3	4
137	Competition between frustration and magnetic instability in RMn ₂ compounds. <i>Journal of Magnetism and Magnetic Materials</i> , 1992, 104-107, 753-754.	2.3	3
138	Anisotropy and spin reorientation of a single crystal of PrCo ₃ Ni ₂ . <i>Journal of Applied Physics</i> , 1991, 69, 5705-5707.	2.5	3
139	Magnetic behavior of Y(Tb)Mn ₂ seen by ¹ / ₄ SR. <i>Hyperfine Interactions</i> , 1991, 64, 435-437.	0.5	3
140	Magnetic behavior of Y(Tb)Mn ₂ seen by ¹ / ₄ SR. <i>Hyperfine Interactions</i> , 1991, 62, 381-383.	0.5	3
141	Magnetism instability under pressure in RMn ₂ compounds. <i>Journal of Applied Physics</i> , 1991, 69, 5678-5679.	2.5	29
142	Frustration-induced vanishing of magnetic moments in RMn ₂ systems. <i>Physical Review Letters</i> , 1991, 66, 1910-1913.	7.8	80
143	Magnetic ordering in the (Y _{1-x} Tb _x)Mn ₂ Laves phases. <i>Journal of Magnetism and Magnetic Materials</i> , 1990, 90-91, 559-560.	2.3	15
144	3d Magnetism in rare earth intermetallics. <i>Journal of Magnetism and Magnetic Materials</i> , 1990, 84, 281-287.	2.3	5

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145	Thermal spontaneous magnetization in Y ₂ Ni ₇ : A misinterpretation. Journal of Magnetism and Magnetic Materials, 1990, 84, L1-L4.	2.3	15
146	Pressure effects on the metamagnetic transition of ThCo ₅ . Journal of Magnetism and Magnetic Materials, 1990, 84, 23-28.	2.3	10
147	Field induced transition from collinear to canted magnetic structures in TbCo ₅ . Physica B: Condensed Matter, 1989, 155, 266-268.	2.7	17
148	Thermal variation of the magnetization density in Y ₂ Co ₇ . Physica B: Condensed Matter, 1989, 156-157, 727-729.	2.7	3
149	Crystal field effects in the hexagonal SmNi ₅ compound. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1988, 149, 340-344.	0.9	42
150	Mn magnetism and magnetic structures in RMn ₂ . Journal of Applied Physics, 1988, 63, 3487-3489.	2.5	42
151	ORIGIN OF COBALT ANISOTROPY IN RARE EARTH-COBALT INTERMETALLICS. Journal De Physique Colloque, 1988, 49, C8-523-C2-524.	0.2	1
152	ANOMALOUS THERMAL VARIATION OF THE COBALT ANISOTROPY AND LONGITUDINAL SPIN FLUCTUATIONS IN Y ₂ Co ₇ . Journal De Physique Colloque, 1988, 49, C8-249-C8-250.	0.2	0
153	Helimagnetism in the cubic Laves phase YMn ₂ . Journal of Magnetism and Magnetic Materials, 1987, 70, 129-133.	2.3	118
154	Co quasi-unidimensional staking versus magnetism in the RCo ₁₁ intermetallics (R = La, Pr, Nd). Journal of Magnetism and Magnetic Materials, 1987, 70, 288.	2.3	1
155	Anisotropic rare earth-cobalt exchange interactions in RCo ₅ intermetallics. Journal of Magnetism and Magnetic Materials, 1987, 70, 306-308.	2.3	27
156	Anomalous thermal variation of the bulk anisotropy in GdCo ₅ . Journal of Magnetism and Magnetic Materials, 1986, 54-57, 465-466.	2.3	28
157	Magnetic transitions in ErM ₃ compounds. Journal of Magnetism and Magnetic Materials, 1986, 54-57, 494-496.	2.3	8
158	Magnetic properties of the pseudobinary system (La _{1-x} Nd _x) ₂ Co _{1.7} . Journal of Magnetism and Magnetic Materials, 1986, 54-57, 497-498.	2.3	5
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