

Rafik Ballou

List of Publications by Year in descending order

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162
papers

6,518
citations

126907

33
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66911

78
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168
all docs

168
docs citations

168
times ranked

5729
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Macroscopic quantum tunnelling of magnetization in a single crystal of nanomagnets. Nature, 1996, 383, 145-147. | 27.8 | 1,894 |
| 2 | Electrically driven nuclear spin resonance in single-molecule magnets. Science, 2014, 344, 1135-1138. | 12.6 | 678 |
| 3 | Operating Quantum States in Single Magnetic Molecules: Implementation of Grover's Quantum Algorithm. Physical Review Letters, 2017, 119, 187702. | 7.8 | 256 |
| 4 | 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). Chemistry - A European Journal, 2002, 8, 525-531. | 3.3 | 203 |
| 5 | 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 |
| 6 | Magnetoelectric χ_{ij}^{MnPS} a candidate for ferrotoroidicity. Physical Review B, 2010, 82, . | 3.2 | 112 |
| 7 | 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 |
| 8 | New exclusion limits on scalar and pseudoscalar axionlike particles from light shining through a wall. Physical Review D, 2015, 92, . | 4.7 | 128 |
| 9 | Model of localized highly frustrated ferromagnetism: The Kagomé spin ice. Physical Review B, 2002, 66, . | 3.2 | 127 |
| 10 | Helimagnetism in the cubic Laves phase YMn ₂ . Journal of Magnetism and Magnetic Materials, 1987, 70, 129-133. | 2.3 | 118 |
| 11 | Magnetic properties of the honeycomb oxide $\chi_{ij}^{\text{Na}_2\text{Co}_2\text{TeO}_6}$. Physical Review B, 2016, 94, . | 3.2 | 90 |
| 12 | Results from the OSQAR photon-regeneration experiment: No light shining through a wall. Physical Review D, 2008, 78, . | 4.7 | 81 |
| 13 | Single Domain Magnetic Helicity and Triangular Chirality in Structurally Enantiopure $\chi_{ij}^{\text{Ba}_3\text{Nb}_2\text{Fe}_8\text{O}_{14}}$. Physical Review Letters, 2008, 101, 247201. | 7.8 | 81 |
| 14 | The magnetic properties and structure of the quasi-two-dimensional antiferromagnet CoPS ₃ . Journal of Physics Condensed Matter, 2017, 29, 455801. | 1.8 | 81 |
| 15 | Frustration-induced vanishing of magnetic moments in RMn ₂ systems. Physical Review Letters, 1991, 66, 1910-1913. | 7.8 | 80 |
| 16 | Logarithmic Fermi-Liquid Breakdown in $\chi_{ij}^{\text{NbFe}_2}$. Physical Review Letters, 2008, 101, 026401. | 7.8 | 76 |
| 17 | Electrochemical Growth of Iron Arborescences under In-Plane Magnetic Field: Morphology Symmetry Breaking. Physical Review Letters, 1999, 83, 2612-2615. | 7.8 | 75 |
| 18 | Magnetic and dielectric properties in the langasite-type compounds: $\chi_{ij}^{\text{A}_3\text{B}_3}$. Physical Review B, 2010, 81, . | 3.2 | 74 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | High pressure magnetic transition in pyrrhotite and impact demagnetization on Mars. Geophysical Research Letters, 2003, 30, . | 4.0 | 70 |
| 20 | Thermally assisted macroscopic quantum resonance on a single-crystal of Mn12-acetate. Journal of Applied Physics, 1997, 81, 4608-4610. | 2.5 | 64 |
| 21 | Ferromagnetism in the ThCr2Si2 type phosphide LaCo2P2. Journal of Magnetism and Magnetic Materials, 1994, 138, 85-93. | 2.3 | 59 |
| 22 | Mn moment instability in the TbMn2intermetallic compound. Journal of Physics Condensed Matter, 1992, 4, 1103-1113. | 1.8 | 50 |
| 23 | Magnetic frustration on a KagomÃ© lattice in R3Ga5SiO14langasites with R = Nd, Pr. Journal of Physics Condensed Matter, 2006, 18, 5147-5153. | 1.8 | 44 |
| 24 | Parity-Broken Chiral Spin Dynamics in Ba_3NbFeO_{14} . Physical Review Letters, 2011, 106, 207201. | 7.8 | 44 |
| 25 | Crystal field effects in the hexagonal SmNi5 compound. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1988, 149, 340-344. | 0.9 | 42 |
| 26 | Mn magnetism and magnetic structures in RMn2. Journal of Applied Physics, 1988, 63, 3487-3489. | 2.5 | 42 |
| 27 | Anisotropy-Tuned Magnetic Order in Pyrochlore Iridates. Physical Review Letters, 2015, 114, 247202. | 7.8 | 40 |
| 28 | Propagation and Ghosts in the Classical Kagome Antiferromagnet. Physical Review Letters, 2008, 101, 117207. | 7.8 | 39 |
| 29 | 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 |
| 30 | Spin-Liquid Correlations in the Nd-Langasite Anisotropic KagomÃ© Antiferromagnet. Physical Review Letters, 2006, 96, 197205. | 7.8 | 38 |
| 31 | Magnetic Dipolar Ordering and Quantum Phase Transition in an Fe_8 Molecular Magnet. Physical Review Letters, 2011, 107, 097203. | 7.8 | 38 |
| 32 | Fragmentation in spin ice from magnetic charge injection. Nature Communications, 2017, 8, 209. | 12.8 | 37 |
| 33 | Spin fluctuations in itinerant electron antiferromagnetism and anomalous properties of Y(Sc)Mn2. Physical Review B, 1996, 54, 15178-15184. | 3.2 | 34 |
| 34 | Role of Antisymmetric Exchange in Selecting Magnetic Chirality in Ba_3NbFeO_{14} . Physical Review Letters, 2011, 107, 257203. | 7.8 | 32 |
| 35 | The Pyrrhotite 32 K Magnetic Transition. Solid State Phenomena, 0, 170, 174-179. | 0.3 | 32 |
| 36 | Magnetic chirality as probed by neutron scattering. European Physical Journal: Special Topics, 2012, 213, 5-36. | 2.6 | 32 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | 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 |
| 38 | Hidden Order in URu_2Si_2 . Physical Review Letters, 2012, 109, 067202. | 7.8 | 151 |
| 39 | Magnetism instability under pressure in RMn ₂ compounds. Journal of Applied Physics, 1991, 69, 5678-5679. | 2.5 | 29 |
| 40 | Anomalous thermal variation of the bulk anisotropy in GdCo ₅ . Journal of Magnetism and Magnetic Materials, 1986, 54-57, 465-466. | 2.3 | 28 |
| 41 | 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 |
| 42 | Anisotropic rare earth-cobalt exchange interactions in RCo ₅ intermetallics. Journal of Magnetism and Magnetic Materials, 1987, 70, 306-308. | 2.3 | 27 |
| 43 | THz Magnetolectric Atomic Rotations in the Chiral Compound $NbFe_2O_{14}$. Physical Review Letters, 2013, 110, 157206. | 7.8 | 151 |
| 44 | Magnetic order in the frustrated Ising-like chain compound $Sr_3Co_2O_7$. Physical Review B, 2014, 90, . | 3.2 | 27 |
| 45 | 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 |
| 46 | Magneto- to Electroactive Transmutation of Spin Waves in $ErMnO_3$. Physical Review Letters, 2014, 112, 137201. | 7.8 | 26 |
| 47 | Models for ordering in the jarosites Kagomé systems. Journal of Magnetism and Magnetic Materials, 2003, 262, 465-471. | 2.3 | 25 |
| 48 | Generalized Ramsey interferometry explored with a single nuclear spin qudit. Npj Quantum Information, 2018, 4, . | 6.7 | 25 |
| 49 | Ozyaloshin-Suhl-Motzky driven helical-butterfly structure in $Ba_3NbFe_3Si_2O_{14}$. Physical Review B, 2017, 95, . | 3.2 | 24 |
| 50 | Effect of frustration near the magnetic-nonmagnetic transition. Physical Review B, 1992, 46, 990-997. | 3.2 | 23 |
| 51 | Magnetic properties of $(Gd_{1-x}Y_x)_2Co_7B_3$ compounds. Journal of Applied Physics, 1993, 73, 5695-5697. | 2.5 | 23 |
| 52 | 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 |
| 53 | Double vibronic process in the quantum spin ice candidate $Tb_2Co_7B_3$ revealed by terahertz spectroscopy. Physical Review B, 2017, 95, . | 3.2 | 23 |
| 54 | Geometric frustration in Rare Earth antiferromagnetic compounds. Journal of Alloys and Compounds, 1998, 275-277, 510-517. | 5.5 | 22 |

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|----|--|-----|-----------|
| 55 | Hidden Magnetic Frustration by Quantum Relaxation in Anisotropic Nd Langasite. Physical Review Letters, 2008, 100, 237204. | 7.8 | 22 |
| 56 | Gigantic increase in the Curie temperature of the R(Co _{1-x} Mn _x) ₂ (R: heavy rare earths) systems at small Mn concentrations. Journal of Magnetism and Magnetic Materials, 1992, 110, 209-214. | 2.3 | 21 |
| 57 | Magnetic properties of (Gd _{1-y} Y _y)Co ₃ B ₂ compounds. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 945-946. | 2.3 | 21 |
| 58 | Unusual field-induced transition in a frustrated itinerant antiferromagnet. Physical Review B, 1992, 45, 3158-3160. | 3.2 | 20 |
| 59 | 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 |
| 60 | Quantum Coherence in Small Antiferromagnets. Physical Review Letters, 1997, 79, 289-292. | 7.8 | 19 |
| 61 | Exchange frustration and metastability of the magnetic structure of TbMn ₂ . Journal of Magnetism and Magnetic Materials, 1992, 104-107, 935-936. | 2.3 | 18 |
| 62 | Field induced transition from collinear to canted magnetic structures in TbCo ₅ . Physica B: Condensed Matter, 1989, 155, 266-268. | 2.7 | 17 |
| 63 | Electrochemical growth of iron and cobalt arborescences under a magnetic field: a TEM study. Physical Review B, 2002, 66, . | 3.2 | 17 |
| 64 | Electrochemical growth of iron and cobalt arborescences under a magnetic field. Physical Review E, 2004, 69, 021605. | 2.1 | 17 |
| 65 | Helical bunching and symmetry lowering inducing multiferroicity in Fe langasites. Physical Review B, 2016, 93, . | 3.2 | 17 |
| 66 | Magnetic ordering of GdMn ₂ . Physica B: Condensed Matter, 2000, 276-278, 670-671. | 2.7 | 16 |
| 67 | InCuO _{2.5} and ScCuO _{2.5} : new oxidized copper delafossites with triangular lattices of Cu ²⁺ cations. Journal of Physics Condensed Matter, 2004, 16, S811-S816. | 1.8 | 16 |
| 68 | Domain-Wall Spin Dynamics in Kagome Antiferromagnets. Physical Review Letters, 2011, 107, 257205. | 7.8 | 16 |
| 69 | Anisotropic interactions opposing magnetocrystalline anisotropy in SrMn_2S_2 . Physical Review B, 2016, 93, . | | |
| 70 | Magnetic ordering in the (Y _{1-x} Tb _x)Mn ₂ Laves phases. Journal of Magnetism and Magnetic Materials, 1990, 90-91, 559-560. | 2.3 | 15 |
| 71 | Thermal spontaneous magnetization in Y ₂ Ni ₇ : A misinterpretation. Journal of Magnetism and Magnetic Materials, 1990, 84, L1-L4. | 2.3 | 15 |
| 72 | Symmetry-protected hidden order and magnetic neutron Bragg diffraction by URu ₂ Si ₂ . Journal of Physics Condensed Matter, 2014, 26, 046003. | 1.8 | 15 |

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|----|--|-----|-----------|
| 73 | Higher-order crystal field and rare-earth magnetism in rare-earth intermetallics. <i>Physical Review B</i> , 2020, 101, . | 2.3 | 15 |
| 74 | Fragmented monopole crystal, dimer entropy, and Coulomb interactions in Dy_2O_7 . <i>Physical Review Research</i> , 2020, 2, . | 3.6 | 15 |
| 75 | Crystal symmetry lowering in chiral multiferroic Ba_3O_{14} observed by x-ray magnetic scattering. <i>Physical Review B</i> , 2017, 95, . | 3.2 | 14 |
| 76 | Magnetic and structural properties of the intermetallic $\text{La}_2\text{Co}_{1.7}$, $\text{Pr}_2\text{Co}_{1.7}$ and $\text{Nd}_2\text{Co}_{1.7}$ compounds. <i>Journal of Magnetism and Magnetic Materials</i> , 1986, 54-57, 499-500. | 2.3 | 13 |
| 77 | Mn moment instability and magnetic structures of $\text{Tb}_{1-x}\text{Sc}_x\text{Mn}_2$. <i>Journal of Magnetism and Magnetic Materials</i> , 1993, 123, L249-L254. | 2.3 | 13 |
| 78 | Experimental and analytical insight into the exchange interaction involving paramagnetic f ions. <i>Polyhedron</i> , 2001, 20, 1593-1597. | 2.2 | 13 |
| 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 | Intersublattice f-d exchange interaction in the intermetallic Laves phase compounds $\text{Y}_1\text{Gd}_x(\text{Co}_{1-x}\text{Al}_x)_2$. <i>Journal of Magnetism and Magnetic Materials</i> , 1993, 118, 159-164. | 2.3 | 12 |
| 81 | Magnetic properties of the $\text{Ce}_2\text{Co}_7\text{B}_3$ compound. <i>Journal of Magnetism and Magnetic Materials</i> , 1995, 140-144, 955-956. | 2.3 | 12 |
| 82 | Magnetisation distribution measurements from powders using a ^3He spin filter: a test experiment. <i>Physica B: Condensed Matter</i> , 2005, 356, 254-258. | 2.7 | 12 |
| 83 | Structural and magnetic properties of new rare-earth antimony pyrochlore-type oxides Ln_2BSbO_7 ($\text{B}=\text{As}, \text{Ga}, \text{In}$). <i>Solid State Sciences</i> , 2010, 12, 570-577. | 3.2 | 12 |
| 84 | Quantum Interference Oscillations of the Superparamagnetic Blocking in an Fe_8 Molecular Nanomagnet. <i>Physical Review Letters</i> , 2013, 111, 057201. | 7.8 | 11 |
| 85 | Spin decoupling under a staggered field in the Gd_2O_7 pyrochlore. <i>Physical Review B</i> , 2019, 99, . | 3.2 | 11 |
| 86 | Field-induced double spin spiral in a frustrated chiral magnet. <i>Npj Quantum Materials</i> , 2019, 4, . | 5.2 | 11 |
| 87 | Pressure effects on the metamagnetic transition of ThCo_5 . <i>Journal of Magnetism and Magnetic Materials</i> , 1990, 84, 23-28. | 2.3 | 10 |
| 88 | Terahertz magneto-optical investigation of quadrupolar spin-lattice effects in magnetically frustrated $\text{Tb}_2\text{Ti}_2\text{O}_7$. <i>Physical Review B</i> , 2020, 102, . | 3.2 | 10 |
| 89 | Does $(\text{TaSe}_4)_2\text{I}$ really harbor an axionic charge density wave?. <i>Applied Physics Letters</i> , 2022, 120, . | 3.3 | 10 |
| 90 | Effects of exchange frustrations in NdMn_2 . <i>Journal of Physics Condensed Matter</i> , 1992, 4, 4675-4686. | 1.8 | 9 |

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| 109 | The role of R-M compounds in the understanding of magnetism. Journal of Magnetism and Magnetic Materials, 1994, 129, 1-9. | 2.3 | 6 |
| 110 | Magnetic aftereffect experiments at low temperature: Linear response and quantum noise. Physical Review B, 1995, 52, 3466-3470. | 3.2 | 6 |
| 111 | Magnetic properties of Y(Co _{1-x} Ni _x) ₄ Al compounds. Journal of Alloys and Compounds, 1996, 242, L5-L7. | 5.5 | 6 |
| 112 | Current-voltage investigation of vortex motion in YBa ₂ Cu ₃ O _{7-x} micro-bridges under high magnetic fields. Physica B: Condensed Matter, 2000, 284-288, 721-722. | 2.7 | 6 |
| 113 | Å-chains of spin 1/2 in oxygen doped Cu based delafossite. Journal of Physics Condensed Matter, 2004, 16, S805-S810. | 1.8 | 6 |
| 114 | Structural and magnetic properties of the (Bi _{2-x} Pr _x)Ru ₂ O ₇ pyrochlore solid solution (0 ≤ x ≤ 0.2). Journal of Alloys and Compounds, 2009, 476, 43-48. | 5.5 | 6 |
| 115 | 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 |
| 116 | Inhomogeneous magnetism in the doped kagome lattice of LaCuO _{2.66} . Physical Review B, 2013, 87, . | 3.2 | 6 |
| 117 | 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 |
| 118 | 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 |
| 119 | 3d Magnetism in rare earth intermetallics. Journal of Magnetism and Magnetic Materials, 1990, 84, 281-287. | 2.3 | 5 |
| 120 | ¹ / ₄ SR magnetic response in frustrated antiferromagnets of type RMn ₂ (R = rare earth). Hyperfine Interactions, 1994, 85, 265-270. | 0.5 | 5 |
| 121 | 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 |
| 122 | Magnetic properties of Fe arborescences grown by electrodeposition. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1978-1980. | 2.3 | 5 |
| 123 | Impact demagnetization by phase transition on Mars. Eos, 2003, 84, 561. | 0.1 | 5 |
| 124 | Electronic Interaction in an Outer-Sphere Mixed-Valence Double Salt: A Polarized Neutron Diffraction Study of K ₃ (MnO ₄) ₂ . Inorganic Chemistry, 2004, 43, 7061-7067. | 4.0 | 5 |
| 125 | Logarithmic Fermi-liquid breakdown in. Journal of Magnetism and Magnetic Materials, 2007, 310, 852-854. | 2.3 | 5 |
| 126 | S = 1 Ising model on a triangular lattice. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 285-286. | 2.3 | 4 |

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|-----|--|-----|-----------|
| 127 | Geometric frustration in the RMn ₂ Laves phase compounds. Canadian Journal of Physics, 2001, 79, 1475-1485. | 1.1 | 4 |
| 128 | Magnetic excitations in a new anisotropic kagomé antiferromagnet. Physica B: Condensed Matter, 2006, 385-386, 72-74. | 2.7 | 4 |
| 129 | Thermal variation of the magnetization density in Y ₂ Co ₇ . Physica B: Condensed Matter, 1989, 156-157, 727-729. | 2.7 | 3 |
| 130 | Anisotropy and spin reorientation of a single crystal of PrCo ₃ Ni ₂ . Journal of Applied Physics, 1991, 69, 5705-5707. | 2.5 | 3 |
| 131 | Magnetic behavior of Y(Tb)Mn ₂ seen by ¹ / ₄ SR. Hyperfine Interactions, 1991, 64, 435-437. | 0.5 | 3 |
| 132 | Magnetic behavior of Y(Tb)Mn ₂ seen by ¹ / ₄ SR. Hyperfine Interactions, 1991, 62, 381-383. | 0.5 | 3 |
| 133 | Competition between frustration and magnetic instability in RMn ₂ compounds. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 753-754. | 2.3 | 3 |
| 134 | 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 |
| 135 | Observation of Magnetic Coupling Between Distant Metal Centers in K ₃ (MnO ₄) ₂ by Muon Spin Relaxation Measurements. ChemPhysChem, 2001, 2, 683-688. | 2.1 | 3 |
| 136 | Crystallography: Symmetry groups and group representations. EPJ Web of Conferences, 2012, 22, 00006. | 0.3 | 3 |
| 137 | Magnetic frustration and instability in Dy ¹⁻³ La Mn ₂ . Journal of Magnetism and Magnetic Materials, 1995, 140-144, 811-812. | 2.3 | 2 |
| 138 | High pressure ¹ / ₄ SR studies: rare earths and related materials. , 2000, 128, 275-303. | | 2 |
| 139 | Influence of the morphology on the magnetism of iron arborescences. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 2439-2441. | 2.3 | 2 |
| 140 | Reply [to "Comment on "Impact demagnetization by phase transition on Mars" by P. Surdas Mohit]. Eos, 2004, 85, 219-219. | 0.1 | 2 |
| 141 | Polarized Neutron on URu ₂ Si ₂ . Physics Procedia, 2013, 42, 4-9. | 1.2 | 2 |
| 142 | Representation Analysis of Magnetic Structures. , 2006, , 93-151. | | 2 |
| 143 | Phase Transitions Induced in HoCo ₃ Ni ₂ Single Crystals. Acta Physica Polonica A, 1993, 83, 209-218. | 0.5 | 2 |
| 144 | Characterization of MHD in thin cell electrodeposition. Magnetohydrodynamics, 2009, 45, 253-258. | 0.3 | 2 |

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|-----|---|-----|-----------|
| 145 | Dimer physics in the frustrated Cairo pentagonal antiferromagnet $\text{Bi}_2\text{Fe}_4\text{O}_9$. Acta Crystallographica Section A: Foundations and Advances, 2021, 77, C312-C312. | 0.1 | 2 |
| 146 | Co quasi-unidimensional staking versus magnetism in the $\text{RCo}_1\mu$ intermetallics (R = La, Pr, Nd). Journal of Magnetism and Magnetic Materials, 1987, 70, 288. | 2.3 | 1 |
| 147 | ITINERANT ANTIFERROMAGNETISM IN A FRUSTRATED LATTICE. International Journal of Modern Physics B, 1993, 07, 1004-1007. | 2.0 | 1 |
| 148 | Hierarchical geometric frustration in $\text{La}_3\text{Cu}_2\text{VO}_9$. Journal of Physics Condensed Matter, 2007, 19, 145280. | 1.8 | 1 |
| 149 | ORIGIN OF COBALT ANISOTROPY IN RARE EARTH-COBALT INTERMETALLICS. Journal De Physique Colloque, 1988, 49, C8-523-C2-524. | 0.2 | 1 |
| 150 | Form factors in magnetic scattering of thermal neutrons. <i>Thématique De La Soci t  Fran saise De La Neutronique</i> , 2007, 12, 69-122. | 0.2 | 1 |
| 151 | Electrochemical deposition of iron in a thin cell under an in-plane magnetic field. Magnetohydrodynamics, 2006, 42, 403-408. | 0.3 | 1 |
| 152 | Structural and magnetic properties in the ruthenate $\text{Bi}_2.67\text{Pr}_0.33\text{Ru}_3\text{O}_{11}$. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 3272-3276. | 0.8 | 0 |
| 153 | An introduction to the linear representations of finite groups. EPJ Web of Conferences, 2012, 22, 00005. | 0.3 | 0 |
| 154 | Synchrotron radiation for probing the quantum ground state in $\text{Tb}_2\text{Ti}_2\text{O}_7$. , 2016, , . | | 0 |
| 155 | Spin-Lattice Coupling in the Quantum Spin Ice Candidate $\text{Tb}_2\text{Ti}_2\text{O}_7$ Revealed by THz Spectroscopy. Proceedings (mdpi), 2019, 26, 50. | 0.2 | 0 |
| 156 | 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 |
| 157 | Magnetic field effects on viscous fingering of a ferrofluid in an anisotropic Hele-Shaw cell. Magnetohydrodynamics, 2005, 41, 373-378. | 0.3 | 0 |
| 158 | Magnetic and dielectric properties of Fe-based langasites. Acta Crystallographica Section A: Foundations and Advances, 2009, 65, s204-s204. | 0.3 | 0 |
| 159 | Magnetic field effect on electrodeposition of cobalt dendrites. Magnetohydrodynamics, 2012, 48, 305-312. | 0.3 | 0 |
| 160 | $\text{Ba}_3\text{NbFe}_3\text{Si}_2\text{O}_{14}$: a model system to study magnetic chirality. Acta Crystallographica Section A: Foundations and Advances, 2021, 77, C441-C441. | 0.1 | 0 |
| 161 | Large metal clusters and lattices with analogues to biology. Special Publication - Royal Society of Chemistry, 0, , 240-259. | 0.0 | 0 |
| 162 | ANOMALOUS THERMAL VARIATION OF THE COBALT ANISOTROPY AND LONGITUDINAL SPIN FLUCTUATIONS IN Y_2Co_7 . Journal De Physique Colloque, 1988, 49, C8-249-C8-250. | 0.2 | 0 |