

MarÃ-a Carmen MorÃ³n

List of Publications by Year in descending order

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49
papers

610
citations

687220

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677027

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49
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49
docs citations

49
times ranked

636
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Low temperature dependence of protein-water interactions on barstar surface: A nano-scale modelling. <i>Journal of Molecular Liquids</i> , 2018, 272, 902-911. | 2.3 | 1 |
| 2 | Macro and nano scale modelling of water-water interactions at ambient and low temperature: relaxation and residence times. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 9377-9387. | 1.3 | 5 |
| 3 | Role of the central cations in the mechanical unfolding of DNA and RNA G-quadruplexes. <i>Nucleic Acids Research</i> , 2015, 43, 7638-7647. | 6.5 | 38 |
| 4 | The mechanism of water/ion exchange at a protein surface: a weakly bound chloride in <i>Helicobacter pylori</i> apoflavodoxin. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 28635-28646. | 1.3 | 4 |
| 5 | Order/disorder phenomena in Zn _{1-x} Mn _x Ga ₂ Se ₄ ordered vacancy compounds: high temperature neutron powder diffraction experiments. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 485402. | 0.7 | 1 |
| 6 | Water dynamics on the surface of the protein barstar. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 15393. | 1.3 | 16 |
| 7 | Thermally activated cation ordering in Zn _{0.5} Mn _{0.5} Ga ₂ Se ₄ single crystals studied by Raman scattering. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009, 6, 1182-1186. | 0.8 | 10 |
| 8 | Isostructural M(ML) ₂ (hfac) ₂ complexes with ML=5-(4-[N-tert-butyl-N-aminoxyl]phenyl)pyrimidine. <i>Inorganica Chimica Acta</i> , 2008, 361, 3697-3709. | 1.2 | 7 |
| 9 | The influence of magnetic dilution in the Zn _{1-x} Mn _x Ga ₂ Se ₄ series with 0.5 < x < 1. <i>Journal of Applied Physics</i> , 2007, 102, . | 1.1 | 7 |
| 10 | Antiferromagnetic versus spin-glass like behavior in MnIn ₂ S ₄ . <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 312, 294-297. | 1.0 | 35 |
| 11 | A Raman Study Of Order-Disorder Phenomena In Zn _{1-x} Mn _x Ga ₂ Se ₄ Compounds. <i>AIP Conference Proceedings</i> , 2007, , . | 0.3 | 2 |
| 12 | Co ₃ (ML) ₂ (hfac) ₆ Ladder Complex of 5-[4-(N-tert-Butyl-N-aminoxyl)phenyl]pyrimidine. <i>Inorganic Chemistry</i> , 2006, 45, 2562-2567. | 1.9 | 20 |
| 13 | The Cd _(1-x) Mn _(x) In ₂ S ₄ (0.5 < x < 1.0) spinel system: an X-ray powder diffraction study. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006, 203, 3627-3632. | 0.8 | 1 |
| 14 | Magnetic properties of CoCr ₂ S ₄ . <i>Physica B: Condensed Matter</i> , 2006, 384, 82-84. | 1.3 | 14 |
| 15 | Spin glass like behavior in Cd _{0.42} Mn _{0.58} In ₂ S ₄ . <i>Journal of Physics and Chemistry of Solids</i> , 2005, 66, 2024-2026. | 1.9 | 0 |
| 16 | Raman selection rules in uniaxial media: The nonpolar modes of MnGa ₂ Se ₄ . <i>Physical Review B</i> , 2005, 71, . | 1.1 | 10 |
| 17 | Effect of magnetic dilution in Zn _{1-x} Mn _x Ga ₂ Se ₄ (0 < x < 0.5). <i>Journal of Applied Physics</i> , 2005, 98, 013904. | 1.1 | 8 |
| 18 | A New Bimetallic Intercalated 3-D Assembly Magnet [Ni ₃ {Fe ^{III} (CN) ₆ } ₂]·12nH ₂ O (323) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 Facial Arrangement of Ferricyanide Anion. <i>Inorganic Chemistry</i> , 2005, 44, 1354-1361. | 1.9 | 19 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Order-disorder phase transition in $Zn_{1-x}Mn_xGa_2Se_4$: Long-range order parameter versus x . <i>Physical Review B</i> , 2003, 67, . | 1.1 | 10 |
| 20 | Raman study of $Zn_{1-x}Mn_xGa_2Se_4$ diluted magnetic semiconductors: disorder and resonance effects. <i>Physica B: Condensed Matter</i> , 2002, 316-317, 565-567. | 1.3 | 8 |
| 21 | Optical absorption of $Zn_{1-x}Mn_xGa_2Se_4$ diluted magnetic semiconductors: Variation of the energy gap with composition and temperature. <i>Journal of Applied Physics</i> , 2001, 89, 1687. | 1.1 | 11 |
| 22 | Dynamic neutron and synchrotron X-ray powder diffraction methods in the study of chemical processes. <i>Journal of Materials Chemistry</i> , 2000, 10, 2617-2626. | 6.7 | 19 |
| 23 | Anomalous magnetic phase diagrams in the site-diluted Heisenberg antiferromagnets, $A_2Fe_{1-x}In_xCl_5 \cdot H_2O$ ($A = Rb, K$). <i>Journal of Physics Condensed Matter</i> , 1999, 11, 4409-4425. | 0.7 | 9 |
| 24 | $Zn_{1-x}Mn_xGa_2Se_4$: a new series of diluted magnetic semiconductors. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 196-197, 437-439. | 1.0 | 5 |
| 25 | Magnetic behavior of $CsMnF_4$ under high pressure. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 196-197, 440-442. | 1.0 | 4 |
| 26 | Impurity-Induced Magnetic Anomalies in the Slightly Diluted Low Anisotropy $A_2Fe_{1-x}In_xCl_5 \cdot H_2O$, ($A=K$). <i>Tj ETQq0 0,0 rgBT / Overlock 10</i> | 1.0 | 3 |
| 27 | Magnetic ordering of the antiferromagnet Cu_2MnSnS_4 from magnetization and neutron-scattering measurements. <i>Physical Review B</i> , 1997, 56, 5424-5431. | 1.1 | 76 |
| 28 | The critical temperature and exchange interactions of an $S=5/2$ Heisenberg antiferromagnet on an f.c.c. lattice. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 11141-11151. | 0.7 | 51 |
| 29 | Pressure-induced structural phase transitions in the $AMnF_4$ series ($A=Cs, Rb, K$) studied by synchrotron x-ray powder diffraction: Correlation between hydrostatic and chemical pressure. <i>Physical Review B</i> , 1996, 54, 7052-7061. | 1.1 | 21 |
| 30 | Structural and magnetic behavior of the $S=2$ layered ferromagnet $CsMnF_4$ under hydrostatic pressure. <i>Physical Review B</i> , 1995, 51, 8660-8663. | 1.1 | 9 |
| 31 | Bimetallic Derivatives of $[M(en)_3]^{3+}$ Ions ($M = Cr, Co$): An Approach to Intermolecular Magnetic Interactions in Molecular Magnets. <i>Inorganic Chemistry</i> , 1994, 33, 746-753. | 1.9 | 44 |
| 32 | Antiferromagnetic behavior in $S=2$ layered $RbMnF_4$. <i>Journal of Applied Physics</i> , 1993, 73, 6540-6542. | 1.1 | 4 |
| 33 | Crystal and magnetic structures of $RbMnF_4$ and $KMnF_4$ investigated by neutron powder diffraction: the relationship between structure and magnetic properties in the Mn^{3+} layered perovskites $AMnF_4$ ($A=Na$). <i>Tj ETQq1 10 784314 rgBT / Overlock 10</i> | 1.0 | 7 |
| 34 | MAGNETO-STRUCTURAL CORRELATIONS IN $Mn(III)$ FLUORIDES. , 1993, , 227-281. | | 3 |
| 35 | Neutron powder diffraction experiments on $AMnF_4$ ($A=K, Rb$): nuclear and magnetic structures. <i>Physica B: Condensed Matter</i> , 1992, 180-181, 125-127. | 1.3 | 5 |
| 36 | Magnetic properties of the low-temperature ferrimagnet $[Cr(H_2O)(NH_3)_5][FeCl_6]$. <i>Journal of Magnetism and Magnetic Materials</i> , 1992, 114, 243-245. | 1.0 | 2 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Spin-glass like behavior in $\text{Rb}_2\text{Fe}_{1-x}\text{In}_x\text{Cl}_5 \cdot \text{H}_2\text{O}$ solid solutions. <i>Journal of Magnetism and Magnetic Materials</i> , 1992, 114, 246-248. | 1.0 | 1 |
| 38 | On the controversial magnetic properties of the schiff-base metal-organic polymer $\{[\text{Fe}(\text{C}_{13}\text{H}_{17}\text{N}_3)_2]\text{SO}_4 \cdot 6\text{H}_2\text{O}\}_n$. <i>Solid State Communications</i> , 1991, 80, 969-973. | 0.9 | 7 |
| 39 | Mössbauer study of the \hat{I}_{\pm} and \hat{I}^2 forms of $(\text{NH}_4)_2\text{FeF}_5$. <i>Journal of Magnetism and Magnetic Materials</i> , 1991, 98, 79-84. | 1.0 | 17 |
| 40 | Bimetallic derivatives of the $[\text{M}(\text{en})_3]^{3+}$ ion (M=Cr and Co): A series of compounds with unusual magnetic and structural properties (abstract). <i>Journal of Applied Physics</i> , 1990, 67, 6017-6017. | 1.1 | 0 |
| 41 | Mössbauer study of $(\text{NH}_4)_2\text{FeCl}_5 \cdot \text{H}_2\text{O}$. <i>Hyperfine Interactions</i> , 1990, 54, 483-488. | 0.2 | 17 |
| 42 | The crystal and molecular structures of twinned : A new complex bimetallic compound. <i>Journal of Solid State Chemistry</i> , 1990, 88, 498-504. | 1.4 | 7 |
| 43 | Structural phase transitions in RbFeF_4 . II. Raman scattering study. <i>Journal of Physics Condensed Matter</i> , 1990, 2, 8277-8292. | 0.7 | 7 |
| 44 | Structural phase transitions in RbFeF_4 . I. Powder and single crystal X-ray diffraction study of the room temperature phase. <i>Journal of Physics Condensed Matter</i> , 1990, 2, 8269-8275. | 0.7 | 10 |
| 45 | Magnetic properties of hexaamminecobalt(3+) hexachloroferrate(3-): a quasi-ideal fcc structure with antiferromagnetic ordering. <i>Inorganic Chemistry</i> , 1990, 29, 842-845. | 1.9 | 12 |
| 46 | New low-temperature ferrimagnets. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1989, 135, 231-234. | 0.9 | 7 |
| 47 | Ferromagnetic Interactions above Room Temperature in a Schiff-Base Metal-Organic Polymer. <i>Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics</i> , 1989, 176, 415-422. | 0.3 | 7 |
| 48 | Crystal structure and magnetic measurements of $[\text{Cr}(\text{en})_3][\text{ZnCl}_4]\text{Cl}$. <i>Inorganica Chimica Acta</i> , 1988, 146, 161-165. | 1.2 | 9 |
| 49 | Single-crystal ac susceptibility measurements on $[\text{Co}(\text{NH}_3)_6][\text{CuCl}_5]$, a $3\text{D}, S=1/2$ Heisenberg antiferromagnet. <i>Journal of Applied Physics</i> , 1988, 63, 3566-3568. | 1.1 | 8 |