

# Carlos Giménez-Saiz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3915512/publications.pdf>

Version: 2024-02-01

105  
papers

4,224  
citations

94433

37  
h-index

118850

62  
g-index

108  
all docs

108  
docs citations

108  
times ranked

3090  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                                                                                                | IF   | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | Interplay between spin crossover and proton migration along short strong hydrogen bonds. <i>Chemical Science</i> , 2021, 12, 1038-1053.                                                                                                                                                                | 7.4  | 16        |
| 2  | A Reversible Hydrogen-Bond Isomerization Triggered by an Abrupt Spin Crossover near Room Temperature. <i>Chemistry - A European Journal</i> , 2021, 27, 740-750.                                                                                                                                       | 3.3  | 8         |
| 3  | Temperature dependence of desolvation effects in hydrogen-bonded spin crossover complexes. <i>Dalton Transactions</i> , 2021, 50, 2536-2544.                                                                                                                                                           | 3.3  | 3         |
| 4  | Synthesis, crystal structures and magnetic properties of picolinate-bridged copper(II) chains. <i>Journal of Coordination Chemistry</i> , 2018, 71, 644-656.                                                                                                                                           | 2.2  | 0         |
| 5  | Unravelling the spin-state of solvated $[\text{Fe}(\text{bpp})_2]^{2+}$ spin-crossover complexes: structure-function relationship. <i>Dalton Transactions</i> , 2018, 47, 10453-10462.                                                                                                                 | 3.3  | 14        |
| 6  | Synthesis, Structure, and Photomagnetic Properties of a Hydrogen-Bonded Lattice of $[\text{Fe}(\text{bpp})_2]^{2+}$ Spin-Crossover Complexes and Nicotinate Anions. <i>Crystals</i> , 2018, 8, 439.                                                                                                    | 2.2  | 15        |
| 7  | Large Magnetic Polyoxometalates Containing the Cobalt Cubane $[\text{CoIII}(\text{CoIII}(\text{OH})_3(\text{H}_2\text{O})_6)_m(\text{PW}_9\text{O}_{34})_3]^{3-}$ ( $m = 3$ or $5$ ) as a Subunit. <i>Frontiers in Chemistry</i> , 2018, 6, 231.                                                       | 3.6  | 12        |
| 8  | Coherent manipulation of three-qubit states in a molecular single-ion magnet. <i>Physical Review B</i> , 2017, 95, .                                                                                                                                                                                   | 3.2  | 88        |
| 9  | A Ferroelectric Iron(II) Spin Crossover Material. <i>Angewandte Chemie</i> , 2017, 129, 14240-14244.                                                                                                                                                                                                   | 2.0  | 17        |
| 10 | A Ferroelectric Iron(II) Spin Crossover Material. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14052-14056.                                                                                                                                                                            | 13.8 | 58        |
| 11 | Light-induced decarboxylation in a photo-responsive iron-containing complex based on polyoxometalate and oxalato ligands. <i>Chemical Science</i> , 2017, 8, 305-315.                                                                                                                                  | 7.4  | 29        |
| 12 | Single ion magnets based on lanthanoid polyoxomolybdate complexes. <i>Dalton Transactions</i> , 2016, 45, 16653-16660.                                                                                                                                                                                 | 3.3  | 40        |
| 13 | A decacobalt( $\text{II}$ ) cluster with triple-sandwich structure obtained by partial reductive hydrolysis of a pentacobalt( $\text{II}$ )/tricobalt( $\text{III}$ ) Weakley-type polyoxometalate. <i>Chemical Communications</i> , 2016, 52, 13245-13248.                                            | 4.1  | 12        |
| 14 | Hydrogen-bonded networks of $[\text{Fe}(\text{bpp})_2]^{2+}$ spin crossover complexes and dicarboxylate anions: structural and photomagnetic properties. <i>Dalton Transactions</i> , 2016, 45, 17918-17928.                                                                                           | 3.3  | 17        |
| 15 | Cobalt Clusters with Cubane-Type Topologies Based on Trivacant Polyoxometalate Ligands. <i>Inorganic Chemistry</i> , 2016, 55, 925-938.                                                                                                                                                                | 4.0  | 37        |
| 16 | Metallic Charge-Transfer Salts of Bis(ethylenedithio)tetrathiafulvalene with Paramagnetic Tetrachloro(oxalato)rhenate(IV) and Tris(chloranilato)ferrate(III) Anions. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 3949-3959.                                                           | 2.0  | 18        |
| 17 | Construction of a General Library for the Rational Design of Nanomagnets and Spin Qubits Based on Mononuclear f-Block Complexes. The Polyoxometalate Case. <i>Inorganic Chemistry</i> , 2014, 53, 9976-9980.                                                                                           | 4.0  | 76        |
| 18 | Synthesis and Physical Properties of $\text{K}_4[\text{Fe}(\text{C}_5\text{O}_5)_2(\text{H}_2\text{O})_2](\text{HC}_5\text{O}_5)_5$ (C <sub>5</sub> O <sub>5</sub> <sup>2-</sup> = Croconate): A Rare Example of Ferromagnetic Coupling via H-bonds. <i>Inorganic Chemistry</i> , 2012, 51, 5360-5367. | 4.0  | 16        |

| #  | ARTICLE                                                                                                                                                                                                                                                                                         | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | ET <sub>4</sub> [AFe(C <sub>2</sub> O <sub>4</sub> ) <sub>3</sub> ]·PhX (ET =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 752<br>Halobenzene Guest Molecules on the Crystal Structure and Superconducting Properties. <i>Inorganic Chemistry</i> , 2012, 51, 1111-1126.                        | 4.0 | 48        |
| 20 | Single-Molecule Magnetic Behavior in a Neutral Terbium(III) Complex of a Picolinate-Based Nitronyl Nitroxide Free Radical. <i>Inorganic Chemistry</i> , 2011, 50, 7370-7372.                                                                                                                    | 4.0 | 91        |
| 21 | Magneto-Structural Correlations in Discrete MnII-WV Cyano-Bridged Assemblies with Polyimine Ligands. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 4166-4174.                                                                                                                    | 2.0 | 16        |
| 22 | Scanning tunnelling spectroscopy study of paramagnetic superconducting $\text{ET}_4[(\text{H}_3\text{O})\text{Fe}(\text{C}_2\text{O}_4)_3]\cdot\text{C}_6\text{H}_5\text{Br}$ crystals. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 175701.                                          | 1.8 | 2         |
| 23 | Electronic and Magnetic Study of Polycationic Mn <sup>12</sup> Single-Molecule Magnets with a Ground Spin State S = 11. <i>Inorganic Chemistry</i> , 2010, 49, 386-396.                                                                                                                         | 4.0 | 15        |
| 24 | Magnetostructural Correlations in Cu <sup>II</sup> NC <sup>W</sup> V Linkage: The Case of [Cu <sup>II</sup> (diimine)] <sup>2+</sup> [W <sup>V</sup> (CN) <sub>8</sub> ] <sup>3-</sup> OD Assemblies. <i>Inorganic Chemistry</i> , 2009, 48, 2865-2872.                                         | 4.0 | 42        |
| 25 | Molecular Conductors Based on the Mixed-Valence Polyoxometalates [SMo <sub>12</sub> O <sub>40</sub> ] <sup>n-</sup> (n = 3 and 4) and the Organic Donors Bis(ethylenedithio)tetrathiafulvalene and Bis(ethylenedithio)tetraselenafulvalene. <i>Inorganic Chemistry</i> , 2009, 48, 11314-11324. | 4.0 | 22        |
| 26 | Metal Complexes of a Picolinate-Based Nitronyl Nitroxide Free Radical. <i>Inorganic Chemistry</i> , 2009, 48, 2205-2214.                                                                                                                                                                        | 4.0 | 35        |
| 27 | Spin crossover complexes as building units of hydrogen-bonded nanoporous structures. <i>CrystEngComm</i> , 2009, 11, 2198.                                                                                                                                                                      | 2.6 | 39        |
| 28 | Synthesis, structure and magnetic characterization of [Fe(bpp) <sub>2</sub> ][Cu(pds) <sub>2</sub> ] <sub>2</sub> ·solv (solv=CH <sub>3</sub> CN and) Tj ETQq0 0 0 rgBT /Overlock 10 3.6                                                                                                        | 3.6 | 8         |
| 29 | Comparison among superconducting models for $\text{ET}_4[(\text{H}_3\text{O})\text{Fe}(\text{C}_2\text{O}_4)_3]\cdot\text{C}_6\text{H}_5\text{Br}$ single crystals by scanning tunnelling spectroscopy. <i>Solid State Sciences</i> , 2008, 10, 1773-1776.                                      | 3.2 | 2         |
| 30 | Polyoxometalate salts of cationic nitronyl nitroxide free radicals. <i>Solid State Sciences</i> , 2008, 10, 1794-1799.                                                                                                                                                                          | 3.2 | 3         |
| 31 | Layered ferromagnets hosting tetraalkylammonium-substituted nitronyl nitroxide free radicals. <i>Journal of Materials Chemistry</i> , 2008, 18, 929.                                                                                                                                            | 6.7 | 14        |
| 32 | Crystal Engineering of Multifunctional Molecular Materials. NATO Science for Peace and Security Series B: Physics and Biophysics, 2008, , 173-191.                                                                                                                                              | 0.3 | 7         |
| 33 | New BEDT-TTF/[Fe(C <sub>5</sub> O <sub>5</sub> ) <sub>3</sub> ]-Hybrid System: Synthesis, Crystal Structure, and Physical Properties of a Chirality-Induced $\alpha$ Phase and a Novel Magnetic Molecular Metal. <i>Inorganic Chemistry</i> , 2007, 46, 4446-4457.                              | 4.0 | 31        |
| 34 | Synthesis and characterization of [Fe(III)(qsal) <sub>2</sub> ][M(III)(pds) <sub>2</sub> ] (M=Cu, Au). <i>Inorganica Chimica Acta</i> , 2007, 360, 3843-3847.                                                                                                                                   | 2.4 | 21        |
| 35 | A chirality-induced $\alpha$ phase and a novel molecular magnetic metal in the BEDT-TTF/tris(croconate)ferrate(III) hybrid molecular system. <i>Chemical Communications</i> , 2006, , 4931-4933.                                                                                                | 4.1 | 34        |
| 36 | Radical Salts of Bis(ethylenediseleno)tetrathiafulvalene with Paramagnetic Tris(oxalato)metalate Anions. <i>Inorganic Chemistry</i> , 2006, 45, 10815-10824.                                                                                                                                    | 4.0 | 21        |

| #  | ARTICLE                                                                                                                                                                                                                                                      | IF   | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 37 | Electron correlation effects in quasi-two-dimensional molecular magnetic conductors studied by photoemission. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 266-270.                                                                         | 4.0  | 0         |
| 38 | Recent advances in polyoxometalate-containing molecular conductors. <i>Coordination Chemistry Reviews</i> , 2005, 249, 1776-1796.                                                                                                                            | 18.8 | 266       |
| 39 | Hybrid Magnetic Materials Based on Nitroxide Free Radicals and Extended Oxalato-Bridged Bimetallic Networks. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 389-400.                                                                           | 2.0  | 23        |
| 40 | Patterning through Controlled Submolecular Motion: Rotaxane-Based Switches and Logic Gates that Function in Solution and Polymer Films. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3062-3067.                                              | 13.8 | 210       |
| 41 | Magnetic Polyoxometalates: Anisotropic Exchange Interactions in the Coll3 Moiety of [(NaOH)2Co3(H2O)(P2W15O56)2]17-. <i>ChemInform</i> , 2005, 36, no.                                                                                                       | 0.0  | 0         |
| 42 | A novel paramagnetic molecular superconductor formed by bis(ethylenedithio)tetrathiafulvalene, tris(oxalato)ferrate(iii) anions and bromobenzene as guest molecule: ET4[(H3O)Fe(C2O4)3]·C6H5Br. <i>Journal of Materials Chemistry</i> , 2005, 15, 1429-1436. | 6.7  | 64        |
| 43 | New magnetic conductors and superconductors based on BEDT-TTF and BEDS-TTF. <i>Synthetic Metals</i> , 2005, 154, 245-248.                                                                                                                                    | 3.9  | 34        |
| 44 | A new BEDT-TTF salt and polypyrrole films containing the chiral polyoxometalate [H4Co2Mo10O38]6a-. <i>Synthetic Metals</i> , 2005, 154, 241-244.                                                                                                             | 3.9  | 20        |
| 45 | Magnetic Polyoxometalates: Anisotropic Exchange Interactions in the Moiety of [(NaOH)2Co3(H2O)(P2W15O56)2]17-. <i>Inorganic Chemistry</i> , 2005, 44, 3389-3395.                                                                                             | 4.0  | 79        |
| 46 | Restricting Magnetic Interaction Pathways in Polyoxometalate Salts of Cationic Nitronyl Nitroxide Free Radicals. <i>Molecules</i> , 2004, 9, 782-791.                                                                                                        | 3.8  | 4         |
| 47 | Controlled Submolecular Translational Motion in Synthesis: A Mechanically Interlocking Auxiliary. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3260-3264.                                                                                    | 13.8 | 99        |
| 48 | Metallic Conductivity Down to 2 K in a Polyoxometalate-Containing Radical Salt of BEDO-TTF. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3022-3025.                                                                                          | 13.8 | 75        |
| 49 | Polycationic Mn12 Single-Molecule Magnets as Electron Reservoirs with S > 10 Ground States. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 6152-6156.                                                                                          | 13.8 | 72        |
| 50 | Metallic Conductivity in a Polyoxovanadate Radical Salt of Bis(ethylenedithio)tetrathiafulvalene (BEDT-TTF): Synthesis, Structure, and Physical Characterization of [2-(BEDT-TTF)5[H3V10O28]·4H2O. <i>Advanced Materials</i> , 2004, 16, 324-327.            | 21.0 | 96        |
| 51 | A New Heptanuclear Cobalt(II) Cluster Encapsulated in a Novel Heteropolyoxometalate Topology: Synthesis, Structure, and Magnetic Properties of [Co7(H2O)2(OH)2P2W25O94]16-. <i>ChemInform</i> , 2004, 35, no.                                                | 0.0  | 0         |
| 52 | A New Heptanuclear Cobalt(II) Cluster Encapsulated in a Novel Heteropolyoxometalate Topology: Synthesis, Structure, and Magnetic Properties of [Co7(H2O)2(OH)2P2W25O94]16-. <i>Inorganic Chemistry</i> , 2004, 43, 2689-2694.                                | 4.0  | 106       |
| 53 | New conducting radical salts based upon Keggin-type polyoxometalates and perylene. <i>Journal of Materials Chemistry</i> , 2004, 14, 1867-1872.                                                                                                              | 6.7  | 24        |
| 54 | A New Layered Compound Containing [P12O40]3- and Both 5- and 6-Coordinated Homoleptic (1-(2-Chloroethyl)tetrazole)Copper(II) Cations. <i>Monatshefte für Chemie</i> , 2003, 134, 255-264.                                                                    | 1.8  | 8         |

| #  | ARTICLE                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IF   | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 55 | Multifunctional molecular materials. <i>Solid State Sciences</i> , 2003, 5, 917-924.                                                                                                                                                                                                                                                                                                                                                                                   | 3.2  | 39        |
| 56 | Hybrid Organic/Inorganic Molecular Materials Formed by Tetrathiafulvalene Radicals and Magnetic Trimeric Clusters of Dimetallic Oxalate-Bridged Complexes: The Series (TTF) <sub>4</sub> [MII(H <sub>2</sub> O) <sub>2</sub> [MIII(ox) <sub>3</sub> ] <sub>2</sub> ] <sub>n</sub> ·nH <sub>2</sub> O (MII = Mn, Fe, Co, Ni, Cu and Zn; MIII = Cr and Fe; ox = C <sub>2</sub> O <sub>4</sub> ). <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2290-2298. | 2.0  | 48        |
| 57 | Stoichiometric Control of the Magnetic Properties in Copper(II) Cyano-Bridged Bimetallic Complexes. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 4289-4293.                                                                                                                                                                                                                                                                                            | 2.0  | 23        |
| 58 | Magnetism in Polyoxometalates: Anisotropic Exchange Interactions in the Co <sup>3+</sup> Moiety of [Co <sub>3</sub> W(D <sub>2</sub> O) <sub>2</sub> (ZnW <sub>9</sub> O <sub>34</sub> ) <sub>2</sub> ] <sub>12</sub> ·nH <sub>2</sub> O. A Magnetic and Inelastic Neutron Scattering Study. <i>ChemInform</i> , 2003, 34, no.                                                                                                                                         | 0.0  | 0         |
| 59 | Synthetic studies on the preparation of oxygenated spongiane diterpenes from carvone. <i>Tetrahedron</i> , 2003, 59, 9523-9536.                                                                                                                                                                                                                                                                                                                                        | 1.9  | 18        |
| 60 | Magnetic properties of hybrid molecular materials based on oxalato complexes. <i>Polyhedron</i> , 2003, 22, 2381-2386.                                                                                                                                                                                                                                                                                                                                                 | 2.2  | 10        |
| 61 | Design of chiral magnets: cyanide-bridged bimetallic assemblies based on cyclohexane-1,2-diamine. <i>Polyhedron</i> , 2003, 22, 2435-2440.                                                                                                                                                                                                                                                                                                                             | 2.2  | 30        |
| 62 | (n-Bu <sub>4</sub> N) <sub>2</sub> [Fe(dcbdt) <sub>2</sub> ] <sub>2</sub> . Synthesis, crystal structure and magnetic characterisation. <i>Polyhedron</i> , 2003, 22, 2481-2486.                                                                                                                                                                                                                                                                                       | 2.2  | 26        |
| 63 | Synthesis, structure and magnetic properties of iron (II), cobalt (II) and nickel (II) complexes of 2,6-bis(pyrazol-3-yl)pyridine and paramagnetic counterions. <i>Polyhedron</i> , 2003, 22, 2375-2380.                                                                                                                                                                                                                                                               | 2.2  | 21        |
| 64 | A Molecular Metal Ferromagnet from the Organic Donor Bis(ethylenedithio)tetrathiafulvalene and Bimetallic Oxalate Complexes. <i>Journal of the American Chemical Society</i> , 2003, 125, 10774-10775.                                                                                                                                                                                                                                                                 | 13.7 | 179       |
| 65 | Synthesis, crystal structures and electronic properties of imidazoline nitroxide radicals bearing active groups in electropolymerisation. <i>New Journal of Chemistry</i> , 2003, 27, 490-497.                                                                                                                                                                                                                                                                         | 2.8  | 15        |
| 66 | Magneto-resistance studies of the ferromagnetic molecular metal (BEDT-TTF) <sub>3</sub> [MnCr(C <sub>2</sub> O <sub>4</sub> ) <sub>3</sub> ] under pressure. <i>Synthetic Metals</i> , 2003, 133-134, 549-551.                                                                                                                                                                                                                                                         | 3.9  | 6         |
| 67 | Multifunctionality in hybrid molecular materials: design of ferromagnetic molecular metals and hybrid magnets. <i>Synthetic Metals</i> , 2003, 133-134, 509-513.                                                                                                                                                                                                                                                                                                       | 3.9  | 19        |
| 68 | Multifunctionality in hybrid molecular materials: Design of ferromagnetic molecular metals. <i>Synthetic Metals</i> , 2003, 135-136, 687-689.                                                                                                                                                                                                                                                                                                                          | 3.9  | 26        |
| 69 | Hybrid Material Polypyrrole/[SiCr(H <sub>2</sub> O)W <sub>11</sub> O <sub>39</sub> ] <sub>5</sub> : Electrogeneration, Properties, and Stability under Cycling. <i>Journal of Physical Chemistry B</i> , 2002, 106, 7585-7591.                                                                                                                                                                                                                                         | 2.6  | 47        |
| 70 | Original packing and unusual molecular conformation of the bis(ethylenedithio)tetrathiafulvalene (ET) donors induced by cation-anion interactions in the radical salt ET <sub>5</sub> [B <sub>10</sub> I <sub>10</sub> ](CH <sub>2</sub> Cl) <sub>2</sub> ·0.8. <i>CrystEngComm</i> , 2002, 4, 84-87.                                                                                                                                                                  | 2.6  | 1         |
| 71 | Magnetism in Polyoxometalates: Anisotropic Exchange Interactions in the Co Moiety of [Co <sub>3</sub> W(D <sub>2</sub> O) <sub>2</sub> (ZnW <sub>9</sub> O <sub>34</sub> ) <sub>2</sub> ] <sub>12</sub> ·nH <sub>2</sub> O. A Magnetic and Inelastic Neutron Scattering Study. <i>Chemistry - A European Journal</i> , 2002, 8, 5701-5708.                                                                                                                             | 3.3  | 40        |
| 72 | Hybrid Molecular Materials Based upon Organic π-Electron Donors and Inorganic Metal Complexes. Conducting Salts of Bis(ethylenediseleno)tetrathiafulvalene (BEST) with the Octahedral Anions Hexacyanoferrate(III) and Nitroprusside. <i>Journal of Solid State Chemistry</i> , 2002, 168, 616-625.                                                                                                                                                                    | 2.9  | 21        |

| #  | ARTICLE                                                                                                                                                                                                                                                                                                                                                                                       | IF   | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 73 | Organic/inorganic molecular conductors based upon perylene and Lindquist-type polyoxometalates. <i>Journal of Materials Chemistry</i> , 2001, 11, 2176-2180.                                                                                                                                                                                                                                  | 6.7  | 17        |
| 74 | Radical salts of TTF derivatives with magnetic and photochromic anions. <i>Synthetic Metals</i> , 2001, 120, 733-734.                                                                                                                                                                                                                                                                         | 3.9  | 3         |
| 75 | Radical salts of perylene and polyoxometalates. <i>Synthetic Metals</i> , 2001, 120, 761-762.                                                                                                                                                                                                                                                                                                 | 3.9  | 3         |
| 76 | Hybrid Molecular Materials Based upon Organic $\pi$ -Electron Donors and Metal Complexes. Radical Salts of Bis(ethylenethia)tetrathiafulvalene (BET-TTF) with the Octahedral Anions Hexacyanoferrate(III) and Nitroprusside. The First Kappa Phase in the BET-TTF Family. <i>Inorganic Chemistry</i> , 2001, 40, 3526-3533.                                                                   | 4.0  | 43        |
| 77 | Bimetallic cyanide-bridged complexes based on the photochromic nitroprusside anion and paramagnetic metal complexes. <i>Polyhedron</i> , 2001, 20, 1615-1619.                                                                                                                                                                                                                                 | 2.2  | 27        |
| 78 | A new approach for the synthesis of magnetic materials based on nitroxide free radicals and inorganic coordination polymers. <i>Polyhedron</i> , 2001, 20, 1659-1662.                                                                                                                                                                                                                         | 2.2  | 10        |
| 79 | Nitroxide Radicals as Templating Agents in the Synthesis of Magnets Based on Three-Dimensional Oxalato-Bridged Heterodimetallic Networks. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 792-795.                                                                                                                                                                               | 13.8 | 63        |
| 80 | Nitroxide Radicals as Templating Agents in the Synthesis of Magnets Based on Three-Dimensional Oxalato-Bridged Heterodimetallic Networks This work was supported by the European Union (TMR ERB) Tj ETQq0 0 0 rgBT /Overlock 10<br>F.M.R. wish to thank the MCT for a research contract (Contrato de Reincorporaci3n).. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 792-795. | 13.8 | 1         |
| 81 | Nitroxide Radicals as Templating Agents in the Synthesis of Magnets Based on Three-Dimensional Oxalato-Bridged Heterodimetallic Networks. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 792-795.                                                                                                                                                                               | 13.8 | 0         |
| 82 | Design of molecular materials combining magnetic, electrical and optical properties. <i>Dalton Transactions RSC</i> , 2000, , 3955-3961.                                                                                                                                                                                                                                                      | 2.3  | 93        |
| 83 | Electric and Magnetic Properties of the Radical Salts $ET_5[B_{10}I_{10}]^{\cdot-}(CH_2Cl)_2 \cdot 0.8$ and $ET_{11}[P_2W_{18}O_{62}]^{\cdot-} \cdot 3H_2O$ . <i>Molecular Crystals and Liquid Crystals</i> , 1999, 335, 43-52.                                                                                                                                                               | 0.3  | 4         |
| 84 | Molecular conductors based upon TTF-type donors and octahedral magnetic complexes. <i>Synthetic Metals</i> , 1999, 103, 2279-2282.                                                                                                                                                                                                                                                            | 3.9  | 42        |
| 85 | Smart Rotaxanes: Shape Memory and Control in Tertiary Amide Peptide[2]rotaxanes. <i>Journal of the American Chemical Society</i> , 1999, 121, 4124-4129.                                                                                                                                                                                                                                      | 13.7 | 95        |
| 86 | Molecular conductors and magnets: different strategies and achievements. <i>Advanced Materials for Optics and Electronics</i> , 1998, 8, 61-76.                                                                                                                                                                                                                                               | 0.4  | 17        |
| 87 | Magnetic clusters and conducting molecular materials from polyoxometalates. <i>Comptes Rendus De L'Academie Des Sciences - Series IIc: Chemistry</i> , 1998, 1, 305-317.                                                                                                                                                                                                                      | 0.1  | 1         |
| 88 | Radical salts of the organic donor BET-TTF with polyoxometalate clusters. <i>Journal of Materials Chemistry</i> , 1998, 8, 313-317.                                                                                                                                                                                                                                                           | 6.7  | 31        |
| 89 | Hybrid molecular materials based on organic molecules and the inorganic magnetic cluster $[M_4(H_2O)_2(PW_9O_{34})_2]_{10}^{2-}$ ( $M^{2+} = Co, Mn$ ). <i>Journal of Materials Chemistry</i> , 1998, 8, 309-312.                                                                                                                                                                             | 6.7  | 29        |
| 90 | Hybrid Molecular Materials Based upon Magnetic Polyoxometalates and Organic $\pi$ -Electron Donors: Syntheses, Structures, and Properties of Bis(ethylenedithio)tetrathiafulvalene Radical Salts with Monosubstituted Keggin Polyoxoanions. <i>Journal of the American Chemical Society</i> , 1998, 120, 4671-4681.                                                                           | 13.7 | 148       |

| #   | ARTICLE                                                                                                                                                                                                                                                                                         | IF   | CITATIONS |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 91  | Charge Transfer Salts Based on Polyoxometalates and Seleno-Substituted Organic Donors. Synthesis, Structure, and Magnetic Properties of (BEST)3H[PMo12O40]·CH3CN·CH2Cl2 (BEST =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (BEST)                                                      | 0.3  | 2         |
| 92  | Hybrid Molecular Materials Formed by Magnetic and Conducting Networks Based on Inorganic Metal Complexes and Organic Donors. Molecular Crystals and Liquid Crystals, 1997, 305, 543-552.                                                                                                        | 3.9  | 16        |
| 93  | Hybrid molecular materials having conducting and magnetic networks: Charge transfer salts based on organic Ñ-donor molecules and inorganic magnetic clusters.. Synthetic Metals, 1997, 85, 1647-1650.                                                                                           | 3.9  | 5         |
| 94  | A new family of hybrid materials formed by TTF layers and oxalato-bridged bimetallic magnetic clusters.. Synthetic Metals, 1997, 85, 1677-1678.                                                                                                                                                 | 21.0 | 59        |
| 95  | Magnetic molecular metals based on the organic donor molecule BET (BET =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (BEST) 984-987.                                                                                                                                                    | 21.0 | 71        |
| 96  | Hybrid molecular materials formed by alternating layers of bimetallic oxalate complexes and tetrathiafulvalene molecules: Synthesis, structure, and magnetic properties of                                                                                                                      | 21.0 | 50        |
| 97  | The first radical salt of the polyoxometalate cluster [P2W18O62]6âŠ—with bis(ethylenedithio)tetrathiafulvalene (ET): ET11 [P2W18O62] · 3H2O. Advanced Materials, 1996, 8, 801-803.                                                                                                              | 2.0  | 34        |
| 98  | Ein aus Keggin-Einheiten aufgebautes, kettenartiges Heteropolyanion: Synthese und Struktur von (ET)8[PMnW11O39] · 2H2O. Angewandte Chemie, 1995, 107, 1601-1603.                                                                                                                                | 4.4  | 223       |
| 99  | A Novel Chainlike Heteropolyanion Formed by Keggin Units: Synthesis and Structure of (ET)8n[PMnW11O39]n · 2nH2O. Angewandte Chemie International Edition in English, 1995, 34, 1460-1462.                                                                                                       | 0.3  | 5         |
| 100 | Molecular Materials Coupling Localized Magnetic Moments and Delocalized Electrons. Molecular Crystals and Liquid Crystals, 1995, 274, 89-97.                                                                                                                                                    | 3.9  | 19        |
| 101 | Magnetic properties of BEDT-TTF radical ion salts with Keggin type polyoxometalates. Synthetic Metals, 1995, 70, 783-784.                                                                                                                                                                       | 4.0  | 94        |
| 102 | Coexistence of Magnetic and Delocalized Electrons in Hybrid Molecular Materials. The Series of Organic-Inorganic Radical Salts (BEDT-TTF)8[XW12O40](solv)n (X = 2(H+), BiIII, SiIV, CuII, Coll, and FeIII); Tj ETQq0 4.0 rgBT /Overlock 10 Tf 50 587 Td (BEST)                                  | 4.4  | 115       |
| 103 | [(Co(H2O)4)2(H2W12O42)]n6n-: A Novel Chainlike Heteropolyanion Formed by Paradodecatungstate and Cobalt(II) Ions. Inorganic Chemistry, 1995, 34, 524-526.                                                                                                                                       | 2.0  | 14        |
| 104 | Coexistence of Mobile and Localized Electrons in Bis(ethylene)dithiotetrathiafulvalene(BEDT-TTF) Radical Salts with Paramagnetic Polyoxometalates: Synthesis and Physical Properties of (BEDT-TTF)8[CoW12O40] · 5.5 H2O. Angewandte Chemie International Edition in English, 1994, 33, 223-226. |      |           |
| 105 | Koexistenz mobiler und lokalisierter Elektronen in Salzen des Bis(ethylen)dithiotetrathiafulvalen-Radikals (BEDT-TTF) mit paramagnetischen Polyoxometallaten: Synthese und physikalische Eigenschaften von (BEDT-TTF)8[CoW12O40] · 5.5H2O. Angewandte Chemie, 1994, 106, 231-236.               |      |           |