

# Jose Ramon Galan-Mascaros

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

210  
papers

11,242  
citations

59  
h-index

100  
g-index

234  
ext. papers

12,155  
ext. citations

8.2  
avg, IF

6.47  
L-index

| #   | Paper                                                                                                                                                                                                                       | IF   | Citations |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 210 | An Autonomous Device for Solar Hydrogen Production from Sea Water. <i>Water (Switzerland)</i> , <b>2022</b> , 14, 453                                                                                                       | 3    |           |
| 209 | Lowering the Water Oxidation Overpotential by Spin-Crossover in Cobalt Hexacyanoferrate.. <i>Journal of Physical Chemistry Letters</i> , <b>2022</b> , 4104-4110                                                            | 6.4  | 0         |
| 208 | Synergic Bistability between Spin Transition and Fluorescence in Polyfluorene Composites with Spin Crossover Polymers. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 10479-10485                         | 6.4  | 2         |
| 207 | Solvent Effect on the Spin State of an Iron(II)-Triazole Trimer. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 112-116                                                                               | 2.3  |           |
| 206 | Nanostructured Photocatalysts for the Production of Methanol from Methane and Water. <i>ChemSusChem</i> , <b>2021</b> , 14, 2023-2033                                                                                       | 8.3  | 5         |
| 205 | Redefining the Mechanistic Scenario of Carbon-Sulfur Nucleophilic Coupling via High-Valent Cp*Co Species. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 11217-11221                                  | 16.4 | 5         |
| 204 | Redefining the Mechanistic Scenario of CarbonSulfur Nucleophilic Coupling via High-Valent Cp*CoIV Species. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 11317-11321                                                        | 3.6  | 0         |
| 203 | Mechanochemical Processing of Highly Conducting Organic/Inorganic Composites Exhibiting Spin CrossoverInduced Memory Effect in Their Transport Properties. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2102469 | 15.6 | 3         |
| 202 | Carbon-Electrode-Mediated Electrochemical Synthesis of Hypervalent Iodine Reagents Using Water as the O-Atom Source. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2021</b> , 9, 10453-10467                        | 8.3  | 3         |
| 201 | Photocatalytic water splitting: advantages and challenges. <i>Sustainable Energy and Fuels</i> , <b>2021</b> , 5, 4560-4569                                                                                                 | 5.9  | 10        |
| 200 | Understanding polyoxometalates as water oxidation catalysts through iron cobalt reactivity. <i>Chemical Science</i> , <b>2021</b> , 12, 8755-8766                                                                           | 9.4  | 5         |
| 199 | Dysprosium-directed metallosupramolecular network on graphene/Ir(111). <i>Chemical Communications</i> , <b>2021</b> , 57, 1380-1383                                                                                         | 5.8  | 4         |
| 198 | Push-Pull Electronic Effects in Surface-Active Sites Enhance Electrocatalytic Oxygen Evolution on Transition Metal Oxides. <i>ChemSusChem</i> , <b>2021</b> , 14, 1595-1601                                                 | 8.3  | 5         |
| 197 | Metal Oxide Clusters on Nitrogen-Doped Carbon are Highly Selective for CO2 Electroreduction to CO. <i>ACS Catalysis</i> , <b>2021</b> , 11, 10028-10042                                                                     | 13.1 | 8         |
| 196 | Differentiation of Epoxide Enantiomers in the Confined Spaces of an Homochiral Cu(II) Metal-Organic Framework by Kinetic Resolution. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 16956-16965                  | 4.8  |           |
| 195 | Benchmarking Catalysts for Formic Acid/Formate Electrooxidation. <i>Molecules</i> , <b>2021</b> , 26,                                                                                                                       | 4.8  | 2         |
| 194 | Bifunctional Oxygen Electrocatalysis on Mixed Metal Phthalocyanine-Modified Carbon Nanotubes Prepared via Pyrolysis. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 41507-41516                          | 9.5  | 16        |

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|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|
| 193 | Mechanochemical Processing of Highly Conducting Organic/Inorganic Composites Exhibiting Spin Crossover-Induced Memory Effect in Their Transport Properties (Adv. Funct. Mater. 33/2021). <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2170245 | 15.6 |     |
| 192 | Water oxidation electrocatalysis in acidic media with Co-containing polyoxometalates. <i>Journal of Catalysis</i> , <b>2020</b> , 389, 345-351                                                                                                            | 7.3  | 14  |
| 191 | Photoelectrochemical solar fuels from carbon dioxide, water and sunlight. <i>Catalysis Science and Technology</i> , <b>2020</b> , 10, 1967-1974                                                                                                           | 5.5  | 16  |
| 190 | Spontaneous Magnetization and Optical Activity in the Chiral Series $\{(L\text{-proline})_nV[\text{Cr}(\text{CN})_6]_x\}$ (0 Magnetochemistry, <b>2020</b> , 6, 12                                                                                        | 3.1  | 2   |
| 189 | Non-redox doping boosts oxygen evolution electrocatalysis on hematite. <i>Chemical Science</i> , <b>2020</b> , 11, 2464-2471                                                                                                                              | 9.4  | 15  |
| 188 | The Positive Effect of Iron Doping in the Electrocatalytic Activity of Cobalt Hexacyanoferrate. <i>Catalysts</i> , <b>2020</b> , 10, 130                                                                                                                  | 4    | 8   |
| 187 | Effect of Mechanochemical Recrystallization on the Thermal Hysteresis of 1D Fe-triazole Spin Crossover Polymers. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 7953-7959                                                                                 | 5.1  | 8   |
| 186 | A low temperature aqueous formate fuel cell using cobalt hexacyanoferrate as a non-noble metal oxidation catalyst. <i>Sustainable Energy and Fuels</i> , <b>2020</b> , 4, 6227-6233                                                                       | 5.8  | 3   |
| 185 | Ligand Effects of Penta- and Hexacyanidoferrate-Derived Water Oxidation Catalysts on BiVO <sub>4</sub> Photoanodes. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 8448-8456                                                                      | 6.1  | 7   |
| 184 | Cobalt Hexacyanoferrate as a Selective and High Current Density Formate Oxidation Electrocatalyst. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 9198-9207                                                                                       | 6.1  | 6   |
| 183 | Direct magnetic enhancement of electrocatalytic water oxidation in alkaline media. <i>Nature Energy</i> , <b>2019</b> , 4, 519-525                                                                                                                        | 62.3 | 199 |
| 182 | Fluorine-Doped Tin Oxide/Alumina as Long-Term Robust Conducting Support for Earth-Abundant Water Oxidation Electrocatalysts. <i>ChemElectroChem</i> , <b>2019</b> , 6, 2282-2289                                                                          | 4.3  | 4   |
| 181 | Homochiral Metal-Organic Frameworks for Enantioselective Separations in Liquid Chromatography. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 14306-14316                                                                           | 16.4 | 56  |
| 180 | 9-Cobalt(II)-Containing 27-Tungsto-3-germanate(IV): Synthesis, Structure, Computational Modeling, and Heterogeneous Water Oxidation Catalysis. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 11308-11316                                                 | 5.1  | 14  |
| 179 | Boosting Photoelectrochemical Water Oxidation of Hematite in Acidic Electrolytes by Surface State Modification. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1901836                                                                               | 21.8 | 32  |
| 178 | Versatile Nature of Oxygen Vacancies in Bismuth Vanadate Bulk and (001) Surface. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 6672-6678                                                                                               | 6.4  | 25  |
| 177 | Unraveling Charge Transfer in CoFe Prussian Blue Modified BiVO <sub>4</sub> Photoanodes. <i>ACS Energy Letters</i> , <b>2019</b> , 4, 337-342                                                                                                             | 20.1 | 46  |
| 176 | Redox tuning the Weakley-type polyoxometalate archetype for the oxygen evolution reaction. <i>Nature Catalysis</i> , <b>2018</b> , 1, 208-213                                                                                                             | 36.5 | 66  |

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|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|
| 175 | Cobalt hexacyanoferrate supported on Sb-doped SnO <sub>2</sub> as a non-noble catalyst for oxygen evolution in acidic medium. <i>Sustainable Energy and Fuels</i> , <b>2018</b> , 2, 589-597                                                                                       | 5.8  | 30  |
| 174 | A robust and unique iron(ii) mosaic-like MOF. <i>Chemical Communications</i> , <b>2018</b> , 54, 5526-5529                                                                                                                                                                         | 5.8  | 7   |
| 173 | Polyoxometalate electrocatalysts based on earth-abundant metals for efficient water oxidation in acidic media. <i>Nature Chemistry</i> , <b>2018</b> , 10, 24-30                                                                                                                   | 17.6 | 269 |
| 172 | Multimodal Prussian blue analogs as contrast agents for X-ray computed tomography. <i>Dalton Transactions</i> , <b>2018</b> , 47, 11960-11967                                                                                                                                      | 4.3  | 4   |
| 171 | Polynuclear Fe(II) complexes: Di/trinuclear molecules and coordination networks. <i>Comptes Rendus Chimie</i> , <b>2018</b> , 21, 1209-1229                                                                                                                                        | 2.7  | 12  |
| 170 | Photoinduced Oxygen Evolution Catalysis Promoted by Polyoxometalate Salts of Cationic Photosensitizers. <i>Frontiers in Chemistry</i> , <b>2018</b> , 6, 302                                                                                                                       | 5    | 7   |
| 169 | Tuning the spin crossover behavior of the polyanion [(HO)Fe(L)]: the case of the cesium salt. <i>Dalton Transactions</i> , <b>2018</b> , 47, 11895-11902                                                                                                                           | 4.3  | 5   |
| 168 | Electronic Structure and Magnetic Interactions in the Radical Salt [BEDT-TTF][CuCl]. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 7077-7089                                                                                                                                      | 5.1  | 3   |
| 167 | A Chiral Bipyrimidine-Bridged Dy SMM: A Comparative Experimental and Theoretical Study of the Correlation Between the Distortion of the DyO <sub>6</sub> N <sub>2</sub> Coordination Sphere and the Anisotropy Barrier. <i>Frontiers in Chemistry</i> , <b>2018</b> , 6, 537       | 5    | 12  |
| 166 | Electrochemically Driven Water-Oxidation Catalysis Beginning with Six Exemplary Cobalt Polyoxometalates: Is It Molecular, Homogeneous Catalysis or Electrode-Bound, Heterogeneous CoO Catalysis?. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 12040-12055 | 16.4 | 41  |
| 165 | Conducting Anilate-Based Mixed-Valence Fe(II)Fe(III) Coordination Polymer: Small-Polaron Hopping Model for Oxalate-Type Fe(II)Fe(III) 2D Networks. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 12611-12621                                                | 16.4 | 40  |
| 164 | Structural Diversity in a New Series of Halogenated Quinoyl Salicylaldimides-Based Fe(III) Complexes Showing Solid-State Halogen-Bonding/Halogen...Halogen Interactions. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 4187-4199                                            | 3.5  | 8   |
| 163 | A Metal-Organic Framework Based on a Tetra-Aryl extended Calix[4]pyrrole Ligand: Structure Control through the Covalent Connectivity of the Linker. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 1328-1338 <sup>3,5</sup>                                                  | 3.5  | 12  |
| 162 | Preservation of electronic properties of double-decker complexes on metallic supports. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 8282-8287                                                                                                                    | 3.6  | 3   |
| 161 | Tetracobalt-polyoxometalate catalysts for water oxidation: Key mechanistic details. <i>Journal of Catalysis</i> , <b>2017</b> , 350, 56-63                                                                                                                                         | 7.3  | 47  |
| 160 | [Co <sub>9</sub> (H <sub>2</sub> O) <sub>6</sub> (OH) <sub>3</sub> (HPO <sub>4</sub> ) <sub>2</sub> (PW <sub>9</sub> O <sub>34</sub> ) <sub>3</sub> ] <sub>16</sub> . <i>Advances in Inorganic Chemistry</i> , <b>2017</b> , 155-179                                               | 2.1  | 2   |
| 159 | Photo-assisted water oxidation by high-nuclearity cobalt-oxo cores: tracing the catalyst fate during oxygen evolution turnover. <i>Green Chemistry</i> , <b>2017</b> , 19, 2416-2426                                                                                               | 10   | 34  |
| 158 | Level Alignment as Descriptor for Semiconductor/Catalyst Systems in Water Splitting: The Case of Hematite/Cobalt Hexacyanoferrate Photoanodes. <i>ChemSusChem</i> , <b>2017</b> , 10, 4552-4560                                                                                    | 8.3  | 31  |

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| 157 | Cobalt Hexacyanoferrate on BiVO Photoanodes for Robust Water Splitting. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 37671-37681                                                                                 | 9.5  | 79  |
| 156 | Enhanced photoelectrochemical water splitting of hematite multilayer nanowire photoanodes by tuning the surface state via bottom-up interfacial engineering. <i>Energy and Environmental Science</i> , <b>2017</b> , 10, 2124-2136   | 35.4 | 136 |
| 155 | Conducting Organic Polymer Electrodes with Embedded Polyoxometalate Catalysts for Water Splitting. <i>ChemElectroChem</i> , <b>2017</b> , 4, 3296-3301                                                                               | 4.3  | 17  |
| 154 | Enhanced Activity and Acid pH Stability of Prussian Blue-type Oxygen Evolution Electrocatalysts Processed by Chemical Etching. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 16037-16045                      | 16.4 | 148 |
| 153 | Study of the coordination of quinuclidine to a chiral zinc phthalocyanine dimer. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2016</b> , 20, 1224-1232                                                                      | 1.8  | 1   |
| 152 | Thermal selectivity of intermolecular versus intramolecular reactions on surfaces. <i>Nature Communications</i> , <b>2016</b> , 7, 11002                                                                                             | 17.4 | 58  |
| 151 | Synergistic effects in 3D honeycomb-like hematite nanoflakes/branched polypyrrole nanoleaves heterostructures as high-performance negative electrodes for asymmetric supercapacitors. <i>Nano Energy</i> , <b>2016</b> , 22, 189-201 | 17.1 | 91  |
| 150 | Combined TEM/STEM and In-situ c-AFM Characterization of 2D Nanoflake-like Heterostructures for Energy Storage and Conversion Applications <b>2016</b> , 842-843                                                                      |      |     |
| 149 | Spin Transition Kinetics in the Salt $[H_2N(CH_3)_2]_6[Fe_3(L)_6(H_2O)_6]$ (L = 4-(1,2,4-triazol-4-yl)ethanedisulfonate). <i>Magnetochemistry</i> , <b>2016</b> , 2, 20                                                              | 3.1  | 7   |
| 148 | A Database of the Structural and Electronic Properties of Prussian Blue, Prussian White, and Berlin Green Compounds through Density Functional Theory. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 12851-12862                    | 5.1  | 53  |
| 147 | Persistence of slow dynamics in Tb(OETAP) <sub>2</sub> single molecule magnets embedded in conducting polymers. <i>Journal of Physics Condensed Matter</i> , <b>2016</b> , 28, 386002                                                | 1.8  |     |
| 146 | Spontaneous Magnetization in Homometallic $\beta$ -Oxalate Coordination Polymers. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 4678-87                                                                                             | 5.1  | 5   |
| 145 | Solution Speciation and Stability of Cobalt-Polyoxometalate Water Oxidation Catalysts by X-ray Scattering. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 2833-2840                                            | 2.3  | 35  |
| 144 | Easy Excited-State Trapping and Record High TTIESST in a Spin-Crossover Polyanionic Fe(II) Trimer. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 11924-7                                                      | 16.4 | 49  |
| 143 | Water Oxidation at Electrodes Modified with Earth-Abundant Transition-Metal Catalysts. <i>ChemElectroChem</i> , <b>2015</b> , 2, 37-50                                                                                               | 4.3  | 193 |
| 142 | Ln12 -Containing 60-Tungstogermanates: Synthesis, Structure, Luminescence, and Magnetic Studies. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 18168-76                                                                  | 4.8  | 33  |
| 141 | Activity and Stability of the Tetramanganese Polyanion $[Mn_4(H_2O)_2(PW_9O_{34})_2]^{10-}$ during Electrocatalytic Water Oxidation. <i>Inorganics</i> , <b>2015</b> , 3, 332-340                                                    | 2.9  | 8   |
| 140 | Hysteretic spin crossover above room temperature and magnetic coupling in trinuclear transition-metal complexes with anionic 1,2,4-triazole ligands. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 5369-79               | 4.8  | 29  |

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| 139 | A fast metal-metal bonded water oxidation catalyst. <i>Journal of Catalysis</i> , <b>2014</b> , 315, 25-32                                                                                                                                                                         | 7.3  | 17  |
| 138 | Synthesis and structural features of Co(II) and Co(III) complexes supported by aminotrisphenolate ligand scaffolds. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 11675-81                                                                                                        | 5.1  | 11  |
| 137 | Cation-directed dimeric versus tetrameric assemblies of lanthanide-stabilized dilacunary Keggin tungstogermanates. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 12144-56                                                                                              | 4.8  | 49  |
| 136 | Transition metal complexes with oligopeptides: single crystals and crystal structures. <i>Dalton Transactions</i> , <b>2014</b> , 43, 9821-33                                                                                                                                      | 4.3  | 13  |
| 135 | Single-molecule-magnet behavior in the family of [Ln(OETAP) <sub>2</sub> ] double-decker complexes (Ln=lanthanide, OETAP=octa(ethyl)tetraazaporphyrin). <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 12817-25                                                         | 4.8  | 23  |
| 134 | Light-Driven Water Oxidation with Metal Hexacyanometallate Heterogeneous Catalysts. <i>ACS Catalysis</i> , <b>2014</b> , 4, 1637-1641                                                                                                                                              | 13.1 | 69  |
| 133 | Architectures in Copper Metal-Organic Frameworks from 4-Substituted Anionic 1,2,4-Triazoles. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 3125-3132                                                                                                        | 2.3  | 5   |
| 132 | Spin crossover probes confer multistability to organic conducting polymers. <i>Advanced Materials</i> , <b>2014</b> , 26, 6785-9                                                                                                                                                   | 24   | 78  |
| 131 | Fast and persistent electrocatalytic water oxidation by Co-Fe Prussian blue coordination polymers. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 13270-3                                                                                                    | 16.4 | 289 |
| 130 | Nonelectrochemical synthesis, crystal structure, and physical properties of the radical salt [ET] <sub>2</sub> [CuCl <sub>4</sub> ] (ET = bis(ethylenedithio)tetrathiafulvalene). <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 14376-81                                          | 5.1  | 5   |
| 129 | Aqueous synthesis of sulfonate-functionalized 1,2,4-triazole ligands and their 2D Cd <sup>2+</sup> coordination networks: crystal structure and photoluminescent properties. <i>Dalton Transactions</i> , <b>2013</b> , 42, 6374-80                                                | 4.3  | 14  |
| 128 | Cobalt polyoxometalates as heterogeneous water oxidation catalysts. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 4753-5                                                                                                                                                          | 5.1  | 105 |
| 127 | Identification of a nonanuclear {Co(II) <sub>9</sub> } polyoxometalate cluster as a homogeneous catalyst for water oxidation. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 11707-15                                                                                              | 5.1  | 114 |
| 126 | Strong hard X-ray magnetochiral dichroism in paramagnetic enantiopure molecules. <i>Advanced Materials</i> , <b>2012</b> , 24, 3120-3                                                                                                                                              | 24   | 23  |
| 125 | [Cu(L-prolinate) <sub>2</sub> ]: A catalyst for environmentally friendly oxidation of alkanes and alkenes with H <sub>2</sub> O <sub>2</sub> and O <sub>2</sub> . <i>Catalysis Communications</i> , <b>2012</b> , 23, 30-33                                                        | 3.2  | 24  |
| 124 | New type of heterometallic 3d-4f rhomblike core in Weakley-like polyoxometalates. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 9587-93                                                                                                                                           | 5.1  | 63  |
| 123 | Combined, Modulation Enhanced X-ray Powder Diffraction and Raman Spectroscopic Study of Structural Transitions in the Spin Crossover Material [Fe(Htrz) <sub>2</sub> (trz)](BF <sub>4</sub> ) <sub>2</sub> . <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 1323-1329 | 3.8  | 82  |
| 122 | A chiral ferromagnetic molecular metal. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 9271-3                                                                                                                                                                | 16.4 | 81  |

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| 121 | Tuning size and thermal hysteresis in bistable spin crossover nanoparticles. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 5706-14                                                                                                                                                                                                                                                            | 5.1  | 148 |
| 120 | Polymetallic oxalate-based 2D magnets: soluble molecular precursors for the nanostructuring of magnetic oxides. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 5456-68                                                                                                                                                                                                   | 16.4 | 59  |
| 119 | Heterometallic 3d-4f polyoxometalate derived from the weakley-type dimeric structure. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 377-9                                                                                                                                                                                                                                                     | 5.1  | 79  |
| 118 | Intercalation of two-dimensional oxalate-bridged molecule-based magnets into layered double hydroxide hosts. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 9476                                                                                                                                                                                                                    |      | 25  |
| 117 | Mössbauer thermal scan study of a spin crossover system. <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 217, 012017                                                                                                                                                                                                                                                              | 0.3  | 4   |
| 116 | Giant Crown-Shaped Polytungstate Formed by Self-Assembly of Ce(III)-Stabilized Dilacunary Keggin Fragments. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 8562-8566                                                                                                                                                                                                                            | 3.6  | 24  |
| 115 | Giant crown-shaped polytungstate formed by self-assembly of Ce(III)-stabilized dilacunary keggins fragments. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 8384-8                                                                                                                                                                                                       | 16.4 | 107 |
| 114 | Spin dynamics in the negatively charged terbium (III) bis-phthalocyaninato complex. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 4387-96                                                                                                                                                                                                                               | 16.4 | 150 |
| 113 | Synthesis and structure of charge transfer salts of tetrathiafulvalene (TTF) and tetramethyl-TTF with 2,4,7-trinitro and 2,4,5,7-tetranitro-9-fluorenone. <i>Synthetic Metals</i> , <b>2009</b> , 159, 45-51                                                                                                                                                                                   | 3.6  | 12  |
| 112 | Design of bimetallic magnetic chains based on oxalate complexes: towards single chain magnets. <i>CrystEngComm</i> , <b>2009</b> , 11, 2143                                                                                                                                                                                                                                                    | 3.3  | 49  |
| 111 | Anchoring of rare-earth-based single-molecule magnets on single-walled carbon nanotubes. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 15143-51                                                                                                                                                                                                                         | 16.4 | 163 |
| 110 | A Co <sub>2</sub> O <sub>2</sub> metallacycle exclusively supported by L-valine. <i>Solid State Sciences</i> , <b>2008</b> , 10, 1800-1803                                                                                                                                                                                                                                                     | 3.4  | 2   |
| 109 | Spontaneous magnetization in Ni-Al and Ni-Fe layered double hydroxides. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 9103-10                                                                                                                                                                                                                                                                 | 5.1  | 68  |
| 108 | Self-assembly of a copper(II)-based metallocupramolecular hexagon. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 5197-203                                                                                                                                                                                                                                                                     | 5.2  | 44  |
| 107 | Single chain magnets based on the oxalate ligand. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 14987-9                                                                                                                                                                                                                                                                 | 16.4 | 118 |
| 106 | Oxalate-based soluble 2D magnets: the series [K(18-crown-6)] <sub>3</sub> [M(II) <sub>3</sub> (H <sub>2</sub> O) <sub>4</sub> {M(III)(ox) <sub>3</sub> } <sub>3</sub> ] (M(III) = Cr, Fe; M(II) = Mn, Fe, Ni, Co, Cu; ox = C <sub>2</sub> O <sub>4</sub> <sup>2-</sup> ; 18-crown-6 = C <sub>12</sub> H <sub>24</sub> O <sub>6</sub> ). <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 6829-39 | 5.1  | 18  |
| 105 | Molecule-based ferromagnetic conductors: Strategy and design. <i>Comptes Rendus Chimie</i> , <b>2008</b> , 11, 1110-1116                                                                                                                                                                                                                                                                       | 1.7  | 15  |
| 104 | A neutral 2D oxalate-based soluble magnet assembled by hydrogen bonding interactions. <i>Inorganica Chimica Acta</i> , <b>2008</b> , 361, 4017-4023                                                                                                                                                                                                                                            | 2.7  | 18  |

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| 103 | Radical salts of TTF derivatives with the metal-metal bonded [Re <sub>2</sub> Cl <sub>8</sub> ] <sup>2-</sup> anion. <i>Journal of Molecular Structure</i> , <b>2008</b> , 890, 81-89                                                                                                                                                                    | 3.4 | 13  |
| 102 | Synthesis, structure and physical characterization of the dimer {[bpy] <sub>2</sub> Co] <sub>2</sub> (TPOA)} <sup>4+</sup> (bpy = 2,2'-dipyridyl; H <sub>2</sub> TPOA = N,N',N'',N'''-tetraphenyl oxalamidine). <i>Journal of Molecular Structure</i> , <b>2008</b> , 890, 272-276                                                                       | 3.4 | 1   |
| 101 | Self-assembly of a high-nuclearity chloride-centered copper(II) cluster. Structure and magnetic properties of [Au(PPh <sub>3</sub> ) <sub>2</sub> ][trans-Cu <sub>6</sub> (micro-OH) <sub>6</sub> [micro-(3,5-CF <sub>3</sub> ) <sub>2</sub> pz] <sub>6</sub> Cl]. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 2348-9                                 | 5.1 | 46  |
| 100 | A "cation-less" oxalate-based ferromagnet formed by neutral bimetallic layers: {[Co(H <sub>2</sub> O) <sub>2</sub> ] <sub>3</sub> [Cr(ox) <sub>3</sub> ] <sub>2</sub> (18-crown-6) <sub>2</sub> }(infinity) (ox = oxalate dianion; 18-crown-6 = C <sub>12</sub> H <sub>24</sub> O <sub>6</sub> ). <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 8108-10 | 5.1 | 28  |
| 99  | Bistable Spin-Crossover Nanoparticles Showing Magnetic Thermal Hysteresis near Room Temperature. <i>Advanced Materials</i> , <b>2007</b> , 19, 1359-1361                                                                                                                                                                                                 | 24  | 305 |
| 98  | Synthesis and characterization of [Fe(III)(qsal) <sub>2</sub> ][M(III)(pds) <sub>2</sub> ] (M = Cu, Au). <i>Inorganica Chimica Acta</i> , <b>2007</b> , 360, 3843-3847                                                                                                                                                                                   | 2.7 | 21  |
| 97  | Supramolecular stabilization of the phosphite-based polyoxomolybdate [Mo <sub>6</sub> (PO <sub>3</sub> )(HPO <sub>3</sub> ) <sub>3</sub> O <sub>18</sub> ] <sup>9-</sup> . <i>Polyhedron</i> , <b>2007</b> , 26, 626-630                                                                                                                                 | 2.7 | 6   |
| 96  | Spin crossover FeII complexes as templates for bimetallic oxalate-based 3D magnets. <i>Polyhedron</i> , <b>2007</b> , 26, 1838-1844                                                                                                                                                                                                                      | 2.7 | 45  |
| 95  | Controlling the dimensionality of oxalate-based bimetallic complexes: The ferromagnetic chain {[K(18-crown-6)][Mn(bpy)Cr(ox) <sub>3</sub> ]} <sub>n</sub> (18-crown-6=C <sub>12</sub> H <sub>24</sub> O <sub>6</sub> , , bpy=C <sub>10</sub> H <sub>8</sub> N <sub>2</sub> ). <i>Polyhedron</i> , <b>2007</b> , 26, 2101-2104                            | 2.7 | 13  |
| 94  | Chiral molecular magnets: synthesis, structure, and magnetic behavior of the series [M(L-tart)] (M = Mn(II), Fe(II), Co(II), Ni(II); L-tart = (2R,3R)-(+)-tartrate). <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 3484-92                                                                                                                   | 4.8 | 115 |
| 93  | Heptacoordinated Mn(II) in oxalate-based bimetallic 2D magnets: synthesis and characterisation of [Mn(L) <sub>6</sub> ][Mn(CH <sub>3</sub> OH)M(III)(ox) <sub>3</sub> ] <sub>2</sub> (M(III) = Cr, Rh; ox = oxalate dianion; L = H <sub>2</sub> O, CH <sub>3</sub> OH). <i>Dalton Transactions</i> , <b>2006</b> , 3294-9                                | 4.3 | 30  |
| 92  | Insertion of Magnetic Bimetallic Oxalate Complexes into Layered Double Hydroxides. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 6112-6114                                                                                                                                                                                                           | 9.6 | 31  |
| 91  | Hydrothermal synthesis and structure of a three-dimensional cobalt(II) triazolate magnet. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 1909-11                                                                                                                                                                                                         | 5.1 | 104 |
| 90  | Oxalate-based 2D magnets: the series [NBu <sub>4</sub> ][MIIIMnIII(ox) <sub>3</sub> ] (MII = Fe, Co, Ni, Zn; ox = oxalate dianion). <i>Journal of Materials Chemistry</i> , <b>2006</b> , 16, 2685-2689                                                                                                                                                  |     | 108 |
| 89  | Synthesis and characterization of a soluble bimetallic oxalate-based bidimensional magnet: [K(18-crown-6)] <sub>3</sub> [Mn <sub>3</sub> (H <sub>2</sub> O) <sub>4</sub> {Cr(ox) <sub>3</sub> ] <sub>3</sub> . <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 1882-4                                                                                     | 5.1 | 42  |
| 88  | Electron correlation effects in quasi-two-dimensional molecular magnetic conductors studied by photoemission. <i>Journal of Physics and Chemistry of Solids</i> , <b>2006</b> , 67, 266-270                                                                                                                                                              | 3.9 |     |
| 87  | Hybrid materials containing organometallic cations and 3-D anionic metal dicyanamide networks of type [Cp* <sub>2</sub> M][M(CN) <sub>2</sub> ] <sub>3</sub> . <i>Dalton Transactions</i> , <b>2005</b> , 285-90                                                                                                                                         | 4.3 | 30  |
| 86  | Hybrid molecular conductors. <i>Journal of Materials Chemistry</i> , <b>2005</b> , 15, 66-74                                                                                                                                                                                                                                                             |     | 125 |

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| 85 | Unexpected conversion of a hexacyanometallate to a homoleptic nitrile complex with triphenylborane substituents. <i>Chemical Communications</i> , <b>2005</b> , 1417-9                                                                                                                                                                                                                                                                                      | 5.8  | 7   |
| 84 | Brief encounter at the molecular level: what muons tell us about molecule-based magnets. <i>Synthetic Metals</i> , <b>2005</b> , 152, 481-484                                                                                                                                                                                                                                                                                                               | 3.6  | 3   |
| 83 | Reversible colorimetric probes for mercury sensing. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 12351-6                                                                                                                                                                                                                                                                                                                            | 16.4 | 298 |
| 82 | Synthesis, structure, and magnetic properties of the oxalate-based bimetallic ferromagnetic chain $\{[K(18\text{-crown-6})][Mn(H_2O)_2Cr(ox)_3]\}_n$ (18-crown-6 = C <sub>12</sub> H <sub>24</sub> O <sub>6</sub> , ox = C <sub>2</sub> O <sub>4</sub> ( <sup>2-</sup> )). <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 6197-202                                                                                                                          | 5.1  | 55  |
| 81 | Oxalate-Based 3D Chiral Magnets: The Series $[ZII(bpy)_3][ClO_4][MII(ox)_3]$ (ZII = Fe, Ru; MII = Mn, Fe; bpy = 2,2'-bipyridine; ox = Oxalate Dianion). <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 2064-2070                                                                                                                                                                                                                      | 2.3  | 42  |
| 80 | A charge-transfer-induced spin transition in the discrete cyanide-bridged complex $[Co(tmphen)_2]_3[Fe(CN)_6]_2$ . <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 6222-3                                                                                                                                                                                                                                                              | 16.4 | 181 |
| 79 | Experimental and Computational Studies of Charge-Transfer and Reduction Products of 1, 4, 5, 8, 9, 11-Hexaazatriphenylene-Hexacarbonitrile: HAT-(CN) <sub>6</sub> . <i>Journal of Cluster Science</i> , <b>2004</b> , 15, 503-530                                                                                                                                                                                                                           | 3    | 34  |
| 78 | Metallic Conductivity in a Polyoxovanadate Radical Salt of Bis(ethylenedithio)tetrathiafulvalene (BEDT-TTF): Synthesis, Structure, and Physical Characterization of $[BEDT-TTF]_5[H_3V_{10}O_{28}]_4 \cdot 4H_2O$ . <i>Advanced Materials</i> , <b>2004</b> , 16, 324-327                                                                                                                                                                                   | 24   | 93  |
| 77 | Discrete Dinuclear Complexes and Two-Dimensional Architectures from Bridging Polynitrile and Bipyrimidine (bpym) Ligands: Syntheses, Structures and Magnetic Properties of $[M_2(bpym)(dcne)_4(H_2O)_2]$ (M = Mn <sup>II</sup> , Co <sup>II</sup> ) and $[M_2(bpym)(dcne)_4(H_2O)_4] \cdot 2H_2O$ (M = Fe <sup>II</sup> , Cu <sup>II</sup> ) (dcne = $[(CN)_2CC(O)OEt]_2$ ). <i>European Journal of Inorganic Chemistry</i> , <b>2004</b> , 2004, 3783-3791 | 2.3  | 40  |
| 76 | Magnetic order and local field distribution in the hybrid magnets $[FeCp^*_2][MnCr(ox)_3]$ and $[CoCp^*_2][FeFe(ox)_3]$ : a muon spin relaxation study. <i>Journal of Materials Chemistry</i> , <b>2004</b> , 14, 1518-1520                                                                                                                                                                                                                                 |      | 11  |
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| 74 | A chiral molecular conductor: synthesis, structure, and physical properties of $[ET]_3[Sb_2(L\text{-tart})_2] \cdot CH_3CN$ (ET = bis(ethylenedithio)tetrathiafulvalene; L-tart = (2R,3R)-(+)-tartrate). <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 8072-7                                                                                                                                                                                              | 5.1  | 59  |
| 73 | Incommensurate nature of the multilayered molecular ferromagnetic metals based on bis(ethylenedithio)tetrathiafulvalene and bimetallic oxalate complexes. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 4808-10                                                                                                                                                                                                                                            | 5.1  | 72  |
| 72 | New conducting radical salts based upon Keggin-type polyoxometalates and perylene. <i>Journal of Materials Chemistry</i> , <b>2004</b> , 14, 1867-1872                                                                                                                                                                                                                                                                                                      |      | 20  |
| 71 | Role of the orbitally degenerate Mn(III) ions in the single-molecule magnet behavior of the cyanide cluster $([MnII(tmphen)_2]_3[Mn(III)(CN)_6]_2)$ (tmphen = 3,4,7,8-tetramethyl-1,10-phenanthroline). <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 16860-7                                                                                                                                                                        | 16.4 | 75  |
| 70 | Hybrid Organic/Inorganic Molecular Materials Formed by Tetrathiafulvalene Radicals and Magnetic Trimeric Clusters of Dimetallic Oxalate-Bridged Complexes: The Series $(TTF)_4[MII(H_2O)_2[MIII(ox)_3]_2] \cdot nH_2O$ (MII = Mn, Fe, Co, Ni, Cu and Zn; MIII = Cr and Fe; ox = C <sub>2</sub> O <sub>4</sub> <sup>2-</sup> ). <i>European Journal of Inorganic Chemistry</i> , <b>2003</b> , 2003, 2290-2298                                               | 2.3  | 47  |
| 69 | A Self-Assembled 2D Molecule-Based Magnet: The Honeycomb Layered Material $\{Co_3Cl_4(H_2O)_2[Co(Hbbiz)_3]_2\}$ . <i>Angewandte Chemie</i> , <b>2003</b> , 115, 2391-2395                                                                                                                                                                                                                                                                                   | 3.6  | 8   |
| 68 | A Rare-Earth Metal TCNQ Magnet: Synthesis, Structure, and Magnetic Properties of $\{[Gd_2(TCNQ)_5(H_2O)_9][Gd(TCNQ)_4(H_2O)_3]\}_n \cdot 4H_2O$ . <i>Angewandte Chemie</i> , <b>2003</b> , 115, 1045-1048                                                                                                                                                                                                                                                   | 3.6  | 14  |

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| 67 | A self-assembled 2D molecule-based magnet: the honeycomb layered material [Co <sub>3</sub> Cl <sub>4</sub> (H <sub>2</sub> O) <sub>2</sub> [Co(Hbbiz) <sub>3</sub> ] <sub>2</sub> ]. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 2289-93                                                  | 16.4 | 112 |
| 66 | A trigonal-bipyramidal cyanide cluster with single-molecule-magnet behavior: synthesis, structure, and magnetic properties of ([MnII(tmphen) <sub>2</sub> ] <sub>3</sub> [MnIII(CN) <sub>6</sub> ] <sub>2</sub> ). <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 1523-6                     | 16.4 | 259 |
| 65 | A rare-earth metal TCNQ magnet: synthesis, structure, and magnetic properties of [[Gd <sub>2</sub> (TCNQ) <sub>5</sub> (H <sub>2</sub> O) <sub>9</sub> ][Gd(TCNQ) <sub>4</sub> -(H <sub>2</sub> O) <sub>3</sub> ]]·4 H <sub>2</sub> O. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 1015-8 | 16.4 | 90  |
| 64 | Magnetic properties of hybrid molecular materials based on oxalato complexes. <i>Polyhedron</i> , <b>2003</b> , 22, 2381-2386                                                                                                                                                                                      | 2.7  | 10  |
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| 62 | Isolation of the novel dirhodium(II/II) thiolate compound Rh <sub>2</sub> (eta(1)-C(6)H(5)S(2))(mu-C(6)H(5)S(2))(bpy)(2). <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 661-3                                                                                                                                     | 5.1  | 15  |
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| 60 | Recognition of topological isomerism: synthesis, structure, and magnetic properties of two pentanuclear high-spin molecules of the type [NiII(N-N) <sub>2</sub> ] <sub>3</sub> [FeIII(CN) <sub>6</sub> ] <sub>2</sub> . <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 3416-22                                     | 5.1  | 62  |
| 59 | Structural evidence for monodentate binding of guanine to the dirhodium(II,II) core in a manner akin to that of cisplatin. <i>Dalton Transactions</i> , <b>2003</b> , 4426-4430                                                                                                                                    | 4.3  | 18  |
| 58 | Facile Conversion of the Face-Centered Cubic Prussian-Blue Material K <sub>2</sub> [Mn <sub>2</sub> (CN) <sub>6</sub> ] into the Spinel Oxide Mn <sub>3</sub> O <sub>4</sub> at the Solid/Water Interface. <i>Advanced Materials</i> , <b>2002</b> , 14, 1646-1648                                                 | 24   | 21  |
| 57 | Unusual Magnetic Behavior in the Layered Ferromagnet [Ni(C <sub>6</sub> H <sub>14</sub> N <sub>2</sub> ) <sub>2</sub> ] <sub>3</sub> [Fe(CN) <sub>6</sub> ] <sub>2</sub> ·2H <sub>2</sub> O. <i>European Journal of Inorganic Chemistry</i> , <b>2002</b> , 2002, 1603-1606                                        | 2.3  | 40  |
| 56 | 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> , <b>2002</b> , 168, 616-625         | 3.3  | 18  |
| 55 | Structural diversity of cyanide-bridged bimetallic clusters based on hexacyanometallate building blocks. <i>Comptes Rendus Chimie</i> , <b>2002</b> , 5, 665-672                                                                                                                                                   | 2.7  | 13  |
| 54 | Homologous series of redox-active, dinuclear cations [M(2)(O(2)CCH(3))(2)(pynp)(2)](2+) (M = Mo, Ru, Rh) with the bridging ligand 2-(2-pyridyl)-1,8-naphthyridine (pynp). <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 1523-33                                                                                   | 5.1  | 77  |
| 53 | Reactivity studies of anticancer active dirhodium complexes with 2-aminothiophenol. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 433-6                                                                                                                                                                           | 5.1  | 33  |
| 52 | Synthesis, structure and magnetic properties of the one-dimensional chain compound {K[Fe(1,3,5-triazine-2,4,6-tricarboxylate)(H <sub>2</sub> O) <sub>2</sub> ] <sub>2</sub> ·2H <sub>2</sub> O}. <i>Dalton Transactions RSC</i> , <b>2002</b> , 2710-2713                                                          |      | 26  |
| 51 | Bimetallic cyanide-bridged complexes based on the photochromic nitroprusside anion and paramagnetic metal complexes. <i>Polyhedron</i> , <b>2001</b> , 20, 1615-1619                                                                                                                                               | 2.7  | 22  |
| 50 | A new approach for the synthesis of magnetic materials based on nitroxide free radicals and inorganic coordination polymers. <i>Polyhedron</i> , <b>2001</b> , 20, 1659-1662                                                                                                                                       | 2.7  | 9   |

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| 49 | New approaches to magnetic clusters with hexacyanometallate building blocks. <i>Polyhedron</i> , <b>2001</b> , 20, 1727-1734                                                                                                                                                                                                                                                                       | 2.7  | 59   |
| 48 | Layered Molecule-Based Magnets Formed by Decamethylmetallocenium Cations and Two-Dimensional Bimetallic Complexes [MIIIRuIII(ox)3][MII=Mn, Fe, Co, Cu and Zn; ox=oxalate). <i>Journal of Solid State Chemistry</i> , <b>2001</b> , 159, 391-402                                                                                                                                                    | 3.3  | 66   |
| 47 | Molecule-based magnets formed by bimetallic three-dimensional oxalate networks and chiral tris(bipyridyl) complex cations. The series [ZII(bpy)3][ClO4][MIICrIII(ox)3] (ZII = Ru, Fe, Co, and Ni; MII = Mn, Fe, Co, Ni, Cu, and Zn; ox = oxalate dianion). <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 113-20                                                                                   | 5.1  | 201  |
| 46 | Bimetallic cyanide-bridged complexes based on the photochromic nitroprusside anion and paramagnetic metal complexes. Syntheses, structures, and physical characterization of the coordination compounds [Ni(en)2]4[Fe(CN)5NO]2[Fe(CN)6]x5H2O, [Ni(en)2][Fe(CN)5NO]x3H2O, [Mn(3-MeOsalen)(H2O)]2[Fe(CN)5NO], and [Mn(5-Brsalen)]2[Fe(CN)5NO]. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 113-20 | 5.1  | 81   |
| 45 | Radical salts of TTF derivatives with magnetic and photochromic anions. <i>Synthetic Metals</i> , <b>2001</b> , 120, 733-734                                                                                                                                                                                                                                                                       | 3.6  | 3    |
| 44 | Tuning the magnetic properties in the layered molecular based magnets A[FeIIRuIII M1MII(ox)3] (MIII=Cr or Fe; ox=oxalate; A=organic or organometallic cation). <i>Synthetic Metals</i> , <b>2001</b> , 122, 501-507                                                                                                                                                                                | 3.6  | 13   |
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| 42 | New compounds with bridging dicyanamide and bis-chelating 2,2'-bipyrimidine ligands: syntheses, structural characterisation and magnetic properties of the two-dimensional materials [Fe2(dca)4(bpym)]nH2O and [Fe2(dca)4(bpym)(H2O)2]. <i>New Journal of Chemistry</i> , <b>2001</b> , 25, 954-958                                                                                                | 3.6  | 59   |
| 41 | A microporous framework from a magnetic molecular square: [Co(HAT)Cl2]4 (HAT = 1,4,5,8,9,11-hexaazatriphenylene). <i>Chemical Communications</i> , <b>2001</b> , 217-218                                                                                                                                                                                                                           | 5.8  | 52   |
| 40 | 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> , <b>2001</b> , 40, 3526-33                                                                       | 5.1  | 38   |
| 39 | Molecular Materials from Polyoxometalates <b>2001</b> , 231-253                                                                                                                                                                                                                                                                                                                                    |      | 1    |
| 38 | Hybrid molecular magnets obtained by insertion of decamethyl-metallocenium cations into layered, bimetallic oxalate complexes. <i>Chemistry - A European Journal</i> , <b>2000</b> , 6, 552-63                                                                                                                                                                                                     | 4.8  | 190  |
| 37 | New Crystalline Polymers of Ag(TCNQ) and Ag(TCNQF4): Structures and Magnetic Properties. <i>Journal of Solid State Chemistry</i> , <b>2000</b> , 152, 159-173                                                                                                                                                                                                                                      | 3.3  | 137  |
| 36 | Photo-assisted formation of a chelating diphos ligand from PPh3 and a cyclometallated [P(C6H4)(C6H5)2] ligand. Crystal structure of Pd{D-o-[P(C6H5)2]2(C6H4)}Br2. <i>Journal of Organometallic Chemistry</i> , <b>2000</b> , 596, 248-251                                                                                                                                                          | 2.3  | 10   |
| 35 | Coexistence of ferromagnetism and metallic conductivity in a molecule-based layered compound. <i>Nature</i> , <b>2000</b> , 408, 447-9                                                                                                                                                                                                                                                             | 50.4 | 1172 |
| 34 | Design of molecular materials combining magnetic, electrical and optical properties. <i>Dalton Transactions RSC</i> , <b>2000</b> , 3955-3961                                                                                                                                                                                                                                                      |      | 83   |
| 33 | Charge transfer salts of tetrathiafulvalene derivatives with magnetic iron(III) oxalate complexes: [TTF]7[Fe(ox)3]2[4H2O], [TTF]5[Fe2(ox)5]2PhMe[2H2O] and [TMTTF]4[Fe2(ox)5][PhCN]4H2O (TMTTF = tetramethyltetrathiafulvalene). <i>Dalton Transactions RSC</i> , <b>2000</b> , 205-210                                                                                                            |      | 53   |
| 32 | {Mn(OH2)2[Mn(bpym)(OH2)2][Fe(CN)6]2}n a two-dimensional ferrimagnet with a partial cubane motif. <i>Chemical Communications</i> , <b>2000</b> , 1077-1078                                                                                                                                                                                                                                          | 5.8  | 58   |

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| 31 | One-dimensional assemblies of dirhodium units bridged by N,N'-dicyanoquinonediimine ligands. <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 5870-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5.1  | 34  |
| 30 | Hybrid molecular materials based upon the photochromic nitroprusside complex, [Fe(CN) <sub>5</sub> NO] <sup>2-</sup> , and organic pi-electron donors. Synthesis, structure, and properties of the radical salt (TTF) <sub>7</sub> [Fe(CN) <sub>5</sub> NO] <sub>2</sub> (TTF = tetrathiafulvalene). <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 5394-7                                                                                                                                                                                                                                                            | 5.1  | 29  |
| 29 | Hybrid Materials Formed by Two Molecular Networks. Towards Multiproperty Materials. <i>Molecular Crystals and Liquid Crystals</i> , <b>1999</b> , 334, 679-691                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      | 11  |
| 28 | Increasing the Nuclearity of Magnetic Polyoxometalates. Syntheses, Structures, and Magnetic Properties of Salts of the Heteropoly Complexes [Ni <sub>3</sub> (H <sub>2</sub> O) <sub>3</sub> (PW <sub>10</sub> O <sub>39</sub> )H <sub>2</sub> O] <sup>7-</sup> , [Ni <sub>4</sub> (H <sub>2</sub> O) <sub>2</sub> (PW <sub>9</sub> O <sub>34</sub> ) <sub>2</sub> ] <sup>10-</sup> , and [Ni <sub>9</sub> (OH) <sub>3</sub> (H <sub>2</sub> O) <sub>6</sub> (HPO <sub>4</sub> ) <sub>2</sub> (PW <sub>9</sub> O <sub>34</sub> ) <sub>3</sub> ] <sup>16-</sup> . <i>Inorganic Chemistry</i> , <b>1999</b> , 38, 55-63 | 5.1  | 230 |
| 27 | Increasing the Coercivity in Layered Molecular-based Magnets A[MIIIMIII(ox) <sub>3</sub> ] (MII = Mn, Fe, Co, Ni, Cu; MIII = Cr, Fe; ox = oxalate; A = organic or organometallic cation). <i>Advanced Materials</i> , <b>1999</b> , 11, 558-564                                                                                                                                                                                                                                                                                                                                                                       | 3.6  | 89  |
| 26 | Magnetic conductors. Current approaches and achievements. <i>Synthetic Metals</i> , <b>1999</b> , 103, 2339-2342                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3.6  | 14  |
| 25 | Molecular hybrids formed by oxalate bridged dinuclear anions and organometallic cations. <i>Synthetic Metals</i> , <b>1999</b> , 102, 1753-1754                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3.6  | 4   |
| 24 | Radical cation salts based on BEDT-TTF and the paramagnetic anion [Cr(NCS) <sub>6</sub> ] <sup>3-</sup> . <i>Synthetic Metals</i> , <b>1999</b> , 102, 1755-1756                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3.6  | 9   |
| 23 | Hybrid molecular magnets incorporating organic donors and other electroactive molecules. <i>Synthetic Metals</i> , <b>1999</b> , 102, 1459-1460                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3.6  | 12  |
| 22 | Hybrid Materials Formed by Two Molecular Networks. Magnetic Conductors, Magnetic Multi-Layers and Magnetic Films <b>1999</b> , 291-311                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      | 3   |
| 21 | Molecular conductors and magnets: different strategies and achievements. <i>Advanced Materials for Optics and Electronics</i> , <b>1998</b> , 8, 61-76                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      | 16  |
| 20 | Radical salts of the organic donor BET-TTF with polyoxometalate clusters. <i>Journal of Materials Chemistry</i> , <b>1998</b> , 8, 313-317                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      | 30  |
| 19 | Hybrid molecular materials based on organic molecules and the inorganic magnetic cluster [M <sub>4</sub> (H <sub>2</sub> O) <sub>2</sub> (PW <sub>9</sub> O <sub>34</sub> ) <sub>2</sub> ] <sup>10-</sup> (M <sub>2</sub> = Co, Mn). <i>Journal of Materials Chemistry</i> , <b>1998</b> , 8, 309-312                                                                                                                                                                                                                                                                                                                 |      | 28  |
| 18 | Hybrid Molecular Materials Based upon Magnetic Polyoxometalates and Organic π-Electron Donors: Syntheses, Structures, and Properties of Bis(ethylenedithio)tetrathiafulvalene Radical Salts with Monosubstituted Keggin Polyoxoanions. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 1674-1684                                                                                                                                                                                                                                                                                                 | 16.4 | 129 |
| 17 | Charge Transfer Salts Based on Polyoxometalates and Seleno-Substituted Organic Donors. Synthesis, Structure, and Magnetic Properties of (BEST) <sub>3</sub> H[PMo(12)O(40)].CH(3)CN.CH(2)Cl(2) (BEST = Bis(ethylenediseleno)tetrathiafulvalene). <i>Inorganic Chemistry</i> , <b>1998</b> , 37, 2183-2188                                                                                                                                                                                                                                                                                                             | 5.1  | 45  |
| 16 | Intercalation of decamethylferrocenium cations in bimetallicoxalate-bridged two-dimensional magnets. <i>Chemical Communications</i> , <b>1997</b> , 1727-1728                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5.8  | 132 |
| 15 | Hybrid molecular materials having conducting and magnetic networks: Charge transfer salts based on organic π-donor molecules and inorganic magnetic clusters.. <i>Synthetic Metals</i> , <b>1997</b> , 85, 1647-1650                                                                                                                                                                                                                                                                                                                                                                                                  | 3.6  | 12  |
| 14 | A new family of hybrid materials formed by TTF layers and oxalato-bridged bimetallic magnetic clusters.. <i>Synthetic Metals</i> , <b>1997</b> , 85, 1677-1678                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3.6  | 4   |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|
| 13 | Magnetic molecular metals based on the organic donor molecule BET (BET = Bis(ethylenethio)tetrathiafulvalene): The series BET <sub>2</sub> [MCl <sub>4</sub> ] (M <sup>3+</sup> = Ga, Fe). <i>Advanced Materials</i> , <b>1997</b> , 9, 984-987                                                                                                            | 24   | 60  |
| 12 | Hybrid molecular materials formed by alternating layers of bimetallic oxalate complexes and tetrathiafulvalene molecules: Synthesis, structure, and magnetic properties of TTF <sub>4</sub> (Mn(H <sub>2</sub> O) <sub>2</sub> )[Cr(ox) <sub>3</sub> ] <sub>2</sub> · 4 H <sub>2</sub> O. <i>Advanced Materials</i> , <b>1996</b> , 8, 737-740             | 24   | 52  |
| 11 | The first radical salt of the polyoxometalate cluster [P <sub>2</sub> W <sub>18</sub> O <sub>62</sub> ] <sup>6-</sup> with bis(ethylenedithio)tetrathiafulvalene (ET): ET <sub>11</sub> [P <sub>2</sub> W <sub>18</sub> O <sub>62</sub> ] · 3H <sub>2</sub> O. <i>Advanced Materials</i> , <b>1996</b> , 8, 801-803                                        | 24   | 37  |
| 10 | Facial interactions between Cl <sup>-</sup> and [S <sub>4</sub> N <sub>3</sub> ] <sup>+</sup> . X-ray crystal structure of [S <sub>4</sub> N <sub>3</sub> ]Cl. <i>Polyhedron</i> , <b>1996</b> , 15, 4603-4605                                                                                                                                             | 2.7  | 7   |
| 9  | The Design of Molecular Materials with Coexistence of Magnetic and Conducting Properties <b>1996</b> , 281-298                                                                                                                                                                                                                                             |      | 8   |
| 8  | High-nuclearity magnetic clusters: Magnetic interactions in clusters encapsulated by molecular metal oxides. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1995</b> , 140-144, 1809-1810                                                                                                                                                         | 2.8  | 2   |
| 7  | Molecular Materials Coupling Localized Magnetic Moments and Delocalized Electrons. <i>Molecular Crystals and Liquid Crystals</i> , <b>1995</b> , 274, 89-97                                                                                                                                                                                                |      | 4   |
| 6  | [(Co(H <sub>2</sub> O) <sub>4</sub> ) <sub>2</sub> (H <sub>2</sub> W <sub>12</sub> O <sub>42</sub> )] <sub>n</sub> 6 <sup>n-</sup> : A Novel Chainlike Heteropolyanion Formed by Paradodecatungstate and Cobalt(II) Ions. <i>Inorganic Chemistry</i> , <b>1995</b> , 34, 524-526                                                                           | 5.1  | 83  |
| 5  | Ein aus Keggin-Einheiten aufgebautes, kettenartiges Heteropolyanion: Synthese und Struktur von (ET) <sub>8n</sub> [PMnW <sub>11</sub> O <sub>39</sub> ] <sub>n</sub> · 2nH <sub>2</sub> O. <i>Angewandte Chemie</i> , <b>1995</b> , 107, 1601-1603                                                                                                         | 3.6  | 23  |
| 4  | A Novel Chainlike Heteropolyanion Formed by Keggin Units: Synthesis and Structure of (ET) <sub>8n</sub> [PMnW <sub>11</sub> O <sub>39</sub> ] <sub>n</sub> · 2nH <sub>2</sub> O. <i>Angewandte Chemie International Edition in English</i> , <b>1995</b> , 34, 1460-1462                                                                                   |      | 195 |
| 3  | High nuclearity magnetic clusters: Magnetic properties of a nine cobalt cluster encapsulated in a polyoxometalate, [Co <sub>9</sub> (OH) <sub>3</sub> (H <sub>2</sub> O) <sub>6</sub> (HPO <sub>4</sub> ) <sub>2</sub> (PW <sub>9</sub> O <sub>34</sub> ) <sub>3</sub> ] <sub>16</sub> <sup>-</sup> . <i>Advanced Materials</i> , <b>1994</b> , 6, 221-223 | 24   | 66  |
| 2  | Influence of Oxygen Vacancies and Surface Facets on Water Oxidation Selectivity toward Oxygen or Hydrogen Peroxide with BiVO <sub>4</sub> . <i>ACS Catalysis</i> , 13416-13422                                                                                                                                                                             | 13.1 | 1   |
| 1  | Understanding the Catalytic Selectivity of Cobalt Hexacyanoferrate toward Oxygen Evolution in Seawater Electrolysis. <i>ACS Catalysis</i> , 13140-13148                                                                                                                                                                                                    | 13.1 | 5   |