# Emilio Pardo

List of Publications by Year
in descending order

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|---|---|---|---|
| 150 papers | 8,622 citations | 41344 49 h-index | 49909 87 g-index |
| 161 all docs | 161 docs citations | 161 times ranked | 7584 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Mixed component metal-organic frameworks: Heterogeneity and complexity at the service of application performances. Coordination Chemistry Reviews, 2022, 451, 214273. | 18.8 | 70 |
| 2 | Enhanced Sieving of C2â€Hydrocarbon from Methane by Fluoroâ€Functionalization of Inâ€MOF with Robust Stability. Chemistry - an Asian Journal, 2022, 17, . | 3.3 | 2 |
| 3 | MOFâ€Stabilized Perfluorinated Palladium Cages Catalyze the Additiveâ€Free Aerobic Oxidation of Aliphatic Alcohols to Acids. Chemistry - A European Journal, 2022, 28, . | 3.3 | 6 |
| 4 | Epoxidation vs. dehydrogenation of allylic alcohols: Heterogenization of the VO(acac)2 catalyst in a metal-organic framework. Chemical Communications, 2022, , . | 4.1 | 2 |
| 5 | Multivariate Metalâ€“Organic Framework/Single-Walled Carbon Nanotube Buckypaper for Selective Lead Decontamination. ACS Applied Nano Materials, 2022, 5, 5223-5233. | 5.0 | 20 |
| 6 | Metalâ€Organic Frameworks as Unique Platforms to Gain Insight of Ïƒâ€Hole Interactions for the Removal of Organic Dyes from Aquatic Ecosystems. Chemistry - A European Journal, 2022, , . | 3.3 | 4 |
| 7 | Click amidations, esterifications and oneâ€“pot reactions catalyzed by Cu salts and multimetalâ€“organic frameworks (Mâ€“MOFs). Molecular Catalysis, 2022, 522, 112228. | 2.0 | 0 |
| 8 | Slow magnetic relaxation in a trigonal-planar mononuclear Fe(<scp>ii</scp>) complex. Dalton Transactions, 2022, 51, 8266-8272. | 3.3 | 3 |
| 9 | Crystallographic Visualization of a Double Water Molecule Addition on a Pt 1 â€MOF during the Lowâ€temperature Waterâ€Gas Shift Reaction. ChemCatChem, 2021, 13, 1195-1200. | 3.7 | 7 |
| 10 | Bioinspired Metalâ€Organic Frameworks in Mixed Matrix Membranes for Efficient Static/Dynamic Removal of Mercury from Water. Advanced Functional Materials, 2021, 31, 2008499. | 14.9 | 43 |
| 11 | Synthesis of a rod-based porous coordination polymer from a nucleotide as a sequential chiral inductor. Journal of Coordination Chemistry, 2021, 74, 200-215. | 2.2 | 1 |
| 12 | Reverse osmosis and nanofiltration membranes for highly efficient PFASs removal: overview, challenges and future perspectives. Dalton Transactions, 2021, 50, 5398-5410. | 3.3 | 57 |
| 13 | Soluble/MOF-Supported Palladium Single Atoms Catalyze the Ligand-, Additive-, and Solvent-Free Aerobic Oxidation of Benzyl Alcohols to Benzoic Acids. Journal of the American Chemical Society, 2021, 143, 2581-2592. | 13.7 | 74 |
| 14 | Highly Efficient Removal of Neonicotinoid Insecticides by Thioether-Based (Multivariate) Metalâ€“Organic Frameworks. ACS Applied Materials & Interfaces, 2021, 13, 28424-28432. | 8.0 | 29 |
| 15 | Photodegradation of Brilliant Green Dye by a Zinc bioMOF and Crystallographic Visualization of Resulting CO2. Molecules, 2021, 26, 4098. | 3.8 | 5 |
| 16 | Synthesis and Enhanced Capture Properties of a New BioMOF@SWCNTâ€BP: Recovery of the Endangered Rareâ€Earth Elements from Aqueous Systems. Advanced Materials Interfaces, 2021, 8, 2100730. | 3.7 | 13 |
| 17 | Synthesis and Enhanced Capture Properties of a New BioMOF@SWCNTâ€BP: Recovery of the Endangered Rareâ€Earth Elements from Aqueous Systems (Adv. Mater. Interfaces 16/2021). Advanced Materials Interfaces, 2021, 8, 2170089. | 3.7 | 0 |
| 18 | A Biocompatible Aspartic-Decorated Metalâ€“Organic Framework with Tubular Motif Degradable under Physiological Conditions. Inorganic Chemistry, 2021, 60, 14221-14229. | 4.0 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Towards Iron-Titanium Oxide Nanostructures from Ecuadorian Black Mineral Sands. Minerals (Basel,) Tj ETQq1 1 0.784314 rgBT /Over | 2.0 | 8 |
| 20 | Switching of easy-axis to easy-plane anisotropy in cobalt(<scp>ii</scp>) complexes. Inorganic Chemistry Frontiers, 2021, 8, 5158-5168. | 6.0 | 12 |
| 21 | Modulating magnetic dynamics through tailoring the terminal ligands in Dy<sub>2</sub> single-molecule magnets. Dalton Transactions, 2020, 49, 808-816. | 3.3 | 16 |
| 22 | Data on phase and chemical compositions of black sands from â€œEl Ostionalâ€•beach situated in Mompiche, Ecuador. Data in Brief, 2020, 32, 106214. | 1.0 | 8 |
| 23 | Cyclic metal(oid) clusters control platinum-catalysed hydrosilylation reactions: from soluble to zeolite and MOF catalysts. Chemical Science, 2020, 11, 8113-8124. | 7.4 | 20 |
| 24 | A series of lanthanide(<scp>iii</scp>) metalâ€“organic frameworks derived from a pyridyl-dicarboxylate ligand: single-molecule magnet behaviour and luminescence properties. Dalton Transactions, 2020, 49, 14123-14132. | 3.3 | 22 |
| 25 | Hydrolaseâ€“like catalysis and structural resolution of natural products by a metalâ€“organic framework. Nature Communications, 2020, 11, 3080. | 12.8 | 33 |
| 26 | Bio-metal-organic frameworks for molecular recognition and sorbent extractionÂof hydrophilic vitamins followed byÂtheir determination usingÂHPLC-UV. Mikrochimica Acta, 2020, 187, 201. | 5.0 | 14 |
| 27 | Metalâ€“Organic Frameworks as Chemical Nanoreactors: Synthesis and Stabilization of Catalytically Active Metal Species in Confined Spaces. Accounts of Chemical Research, 2020, 53, 520-531. | 15.6 | 81 |
| 28 | Isolating reactive metal-based species in Metalâ€“Organic Frameworks â€“ viable strategies and opportunities. Chemical Science, 2020, 11, 4031-4050. | 7.4 | 59 |
| 29 | Gas Transport in Mixed Matrix Membranes: Two Methods for Time Lag Determination. Computation, 2020, 8, 28. | 2.0 | 14 |
| 30 | Glassy PEEK-WC vs. Rubbery PebaxÂ®1657 Polymers: Effect on the Gas Transport in CuNi-MOF Based Mixed Matrix Membranes. Applied Sciences (Switzerland), 2020, 10, 1310. | 2.5 | 12 |
| 31 | Multivariate Metalâ€“Organic Frameworks for the Simultaneous Capture of Organic and Inorganic Contaminants from Water. Journal of the American Chemical Society, 2019, 141, 13601-13609. | 13.7 | 120 |
| 32 | Efficient Gas Separation and Transport Mechanism in Rare Hemilabile Metalâ€“Organic Framework. Chemistry of Materials, 2019, 31, 5856-5866. | 6.7 | 18 |
| 33 | Magnetic order in a Cuâ€“DyIII oxamato-based two-dimensional coordination polymer. Comptes Rendus Chimie, 2019, 22, 466-475. | 0.5 | 4 |
| 34 | Solvent-induced single-crystal-to-single-crystal transformation and tunable magnetic properties of 1D azido-Cu(<scp>ii</scp>) chains with a carboxylate bridge. Dalton Transactions, 2019, 48, 11268-11277. | 3.3 | 13 |
| 35 | Metalâ€“Organic Frameworks as Playgrounds for Reticulate Single-Molecule Magnets. Inorganic Chemistry, 2019, 58, 14498-14506. | 4.0 | 23 |
| 36 | Synthesis of a chiral rod-like metalâ€“organic framework from a preformed amino acid-based hexanuclear wheel. Journal of Coordination Chemistry, 2019, 72, 1204-1221. | 2.2 | 2 |

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|---|---|---|---|
| 37 | A Metalloligand Approach for the Self-Assembly of a Magnetic Two-Dimensional Grid-of-Grids. Crystal Growth and Design, 2019, 19, 3905-3912. | 3.0 | 9 |
| 38 | Self-Assembly of Catalytically Active Supramolecular Coordination Compounds within Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2019, 141, 10350-10360. | 13.7 | 50 |
| 39 | Direct Visualization of Pyrrole Reactivity upon Confinement within a Cyclodextrin Metalâ€“Organic Framework. Angewandte Chemie, 2019, 131, 9277-9281. | 2.0 | 5 |
| 40 | Direct Visualization of Pyrrole Reactivity upon Confinement within a Cyclodextrin Metalâ€“Organic Framework. Angewandte Chemie - International Edition, 2019, 58, 9179-9183. | 13.8 | 16 |
| 41 | Modulation of the magnetic anisotropy of octahedral cobalt(<scp>ii</scp>) single-ion magnets by fine-tuning the axial coordination microenvironment. Inorganic Chemistry Frontiers, 2019, 6, 848-856. | 6.0 | 50 |
| 42 | Capping Nâ€Donor Ligands Modulate the Magnetic Dynamics of Dy<sup>III</sup> Î²â€Diketonate Singleâ€Ion Magnets with D<sub>4d</sub> Symmetry. Chemistry - A European Journal, 2019, 25, 3884-3892. | 3.3 | 32 |
| 43 | Crystallographic snapshots of hostâ€“guest interactions in drugs@metalâ€“organic frameworks: towards mimicking molecular recognition processes. Materials Horizons, 2018, 5, 683-690. | 12.2 | 64 |
| 44 | Synthesis of Densely Packaged, Ultrasmall Pt<sup>0</sup><sub>2</sub> Clusters within a Thioetherâ€Functionalized MOF: Catalytic Activity in Industrial Reactions at Low Temperature. Angewandte Chemie, 2018, 130, 6294-6299. | 2.0 | 22 |
| 45 | Synthesis of Densely Packaged, Ultrasmall Pt<sup>0</sup><sub>2</sub> Clusters within a Thioetherâ€Functionalized MOF: Catalytic Activity in Industrial Reactions at Low Temperature. Angewandte Chemie - International Edition, 2018, 57, 6186-6191. | 13.8 | 115 |
| 46 | Metalâ€“organic framework technologies for water remediation: towards a sustainable ecosystem. Journal of Materials Chemistry A, 2018, 6, 4912-4947. | 10.3 | 369 |
| 47 | Design of Magnetic Coordination Polymers Built from Polyoxalamide Ligands: A Thirty Year Story. European Journal of Inorganic Chemistry, 2018, 2018, 228-247. | 2.0 | 44 |
| 48 | Efficient Capture of Organic Dyes and Crystallographic Snapshots by a Highly Crystalline Amino-Acid-Derived Metal-Organic Framework. Chemistry - A European Journal, 2018, 24, 17615-17615. | 3.3 | 1 |
| 49 | Concise Chemistry Modulation of the SMM Behavior within a Family of Mononuclear Dy(III) Complexes. Inorganic Chemistry, 2018, 57, 14843-14851. | 4.0 | 48 |
| 50 | Confined Pt<sub>1</sub><sup>1+</sup> Water Clusters in a MOF Catalyze the Lowâ€Temperature Waterâ€“Gas Shift Reaction with both CO<sub>2</sub> Oxygen Atoms Coming from Water. Angewandte Chemie - International Edition, 2018, 57, 17094-17099. | 13.8 | 54 |
| 51 | Confined Pt<sub>1</sub><sup>1+</sup> Water Clusters in a MOF Catalyze the Lowâ€Temperature Waterâ€“Gas Shift Reaction with both CO<sub>2</sub> Oxygen Atoms Coming from Water. Angewandte Chemie, 2018, 130, 17340-17345. | 2.0 | 4 |
| 52 | Stabilized Ru[(H<sub>2</sub>O)<sub>6</sub>]<sup>3+</sup> in Confined Spaces (MOFs and Zeolites) Catalyzes the Imination of Primary Alcohols under Atmospheric Conditions with Wide Scope. ACS Catalysis, 2018, 8, 10401-10406. | 11.2 | 31 |
| 53 | Toward Engineering Chiral Rodlike Metalâ€“Organic Frameworks with Rare Topologies. Inorganic Chemistry, 2018, 57, 12869-12875. | 4.0 | 13 |
| 54 | Lanthanide Discrimination with Hydroxyl-Decorated Flexible Metalâ€“Organic Frameworks. Inorganic Chemistry, 2018, 57, 13895-13900. | 4.0 | 24 |

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| 55 | Highly efficient temperature-dependent chiral separation with a nucleotide-based coordination polymer. Chemical Communications, 2018, 54, 6356-6359. | 4.1 | 19 |
| 56 | Isolated Fe(III)â€“O Sites Catalyze the Hydrogenation of Acetylene in Ethylene Flows under Front-End Industrial Conditions. Journal of the American Chemical Society, 2018, 140, 8827-8832. | 13.7 | 74 |
| 57 | Efficient Capture of Organic Dyes and Crystallographic Snapshots by a Highly Crystalline Aminoâ€Acidâ€Derived Metalâ€“Organic Framework. Chemistry - A European Journal, 2018, 24, 17712-17718. | 3.3 | 41 |
| 58 | A post-synthetic approach triggers selective and reversible sulphur dioxide adsorption on a metalâ€“organic framework. Chemical Communications, 2018, 54, 9063-9066. | 4.1 | 22 |
| 59 | Cytosine Nucleobase Ligand: A Suitable Choice for Modulating Magnetic Anisotropy in Tetrahedrally Coordinated Mononuclear Co<sup>II</sup> Compounds. Inorganic Chemistry, 2017, 56, 1857-1864. | 4.0 | 34 |
| 60 | Molecular magnetism, quo vadis? A historical perspective from a coordination chemist viewpointâ˜†. Coordination Chemistry Reviews, 2017, 339, 17-103. | 18.8 | 279 |
| 61 | Reversible solvatomagnetic switching in a single-ion magnet from an entatic state. Chemical Science, 2017, 8, 3694-3702. | 7.4 | 67 |
| 62 | Tuning the selectivity of light hydrocarbons in natural gas in a family of isoreticular MOFs. Journal of Materials Chemistry A, 2017, 5, 11032-11039. | 10.3 | 36 |
| 63 | Rational Synthesis of Chiral Metalâ€“Organic Frameworks from Preformed Rodlike Secondary Building Units. Inorganic Chemistry, 2017, 56, 6551-6557. | 4.0 | 27 |
| 64 | The MOF-driven synthesis of supported palladium clusters with catalytic activity for carbene-mediated chemistry. Nature Materials, 2017, 16, 760-766. | 27.5 | 230 |
| 65 | A novel oxalate-based three-dimensional coordination polymer showing magnetic ordering and high proton conductivity. Dalton Transactions, 2017, 46, 15130-15137. | 3.3 | 15 |
| 66 | Fine-tuning of the confined space in microporous metalâ€“organic frameworks for efficient mercury removal. Journal of Materials Chemistry A, 2017, 5, 20120-20125. | 10.3 | 56 |
| 67 | Postsynthetic Approach for the Rational Design of Chiral Ferroelectric Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2017, 139, 8098-8101. | 13.7 | 81 |
| 68 | Solidâ€State Molecular Nanomagnet Inclusion into a Magnetic Metalâ€“Organic Framework: Interplay of the Magnetic Properties. Chemistry - A European Journal, 2016, 22, 539-545. | 3.3 | 61 |
| 69 | Solvent-Dependent Self-Assembly of an Oxalato-Based Three-Dimensional Magnet Exhibiting a Novel Architecture. Inorganic Chemistry, 2016, 55, 6845-6847. | 4.0 | 13 |
| 70 | Spin-crossover complex encapsulation within a magnetic metalâ€“organic framework. Chemical Communications, 2016, 52, 7360-7363. | 4.1 | 39 |
| 71 | Structural Studies on a New Family of Chiral BioMOFs. Crystal Growth and Design, 2016, 16, 5571-5578. | 3.0 | 21 |
| 72 | Selective and Efficient Removal of Mercury from Aqueous Media with the Highly Flexible Arms of a BioMOF. Angewandte Chemie, 2016, 128, 11333-11338. | 2.0 | 40 |

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|---|---|---|---|
| 73 | Selective and Efficient Removal of Mercury from Aqueous Media with the Highly Flexible Arms of a BioMOF. Angewandte Chemie - International Edition, 2016, 55, 11167-11172. | 13.8 | 158 |
| 74 | Selective Guest Inclusion in Oxalate-Based Iron(III) Magnetic Coordination Polymers. Inorganic Chemistry, 2016, 55, 11160-11169. | 4.0 | 8 |
| 75 | Selective Gold Recovery and Catalysis in a Highly Flexible Methionine-Decorated Metalâ€“Organic Framework. Journal of the American Chemical Society, 2016, 138, 7864-7867. | 13.7 | 196 |
| 76 | Insights into the Dynamics of Grotthuss Mechanism in a Proton-Conducting Chiral bioMOF. Chemistry of Materials, 2016, 28, 4608-4615. | 6.7 | 105 |
| 77 | Guest-dependent single-ion magnet behaviour in a cobalt(<scp>ii</scp>) metalâ€“organic framework. Chemical Science, 2016, 7, 2286-2293. | 7.4 | 110 |
| 78 | Fieldâ€Induced Slow Magnetic Relaxation in a Mononuclear Manganese(III)â€“Porphyrin Complex. Chemistry - A European Journal, 2015, 21, 17299-17307. | 3.3 | 50 |
| 79 | Metallosupramolecular approach toward multifunctional magnetic devices for molecular spintronics. Coordination Chemistry Reviews, 2015, 303, 110-138. | 18.8 | 64 |
| 80 | Homochiral self-assembly of biocoordination polymers: anion-triggered helicity and absolute configuration inversion. Chemical Science, 2015, 6, 4300-4305. | 7.4 | 29 |
| 81 | Dicopper(II) Metallacyclophanes as Multifunctional Magnetic Devices: A Joint Experimental and Computational Study. Accounts of Chemical Research, 2015, 48, 510-520. | 15.6 | 58 |
| 82 | Postsynthetic Improvement of the Physical Properties in a Metalâ€“Organic Framework through a Single Crystal to Single Crystal Transmetallation. Angewandte Chemie - International Edition, 2015, 54, 6521-6525. | 13.8 | 98 |
| 83 | Cation Exchange in Dynamic 3D Porous Magnets: Improvement of the Physical Properties. Inorganic Chemistry, 2015, 54, 10834-10840. | 4.0 | 20 |
| 84 | Double Interpenetration in a Chiral Three-Dimensional Magnet with a (10,3)-a Structure. Inorganic Chemistry, 2015, 54, 8890-8892. | 4.0 | 15 |
| 85 | Oxamato-based coordination polymers: recent advances in multifunctional magnetic materials. Chemical Communications, 2014, 50, 7569-7585. | 4.1 | 103 |
| 86 | A triple-bridged azido-Cu(<scp>ii</scp>) chain compound fine-tuned by mixed carboxylate/ethanol linkers displays slow-relaxation and ferromagnetic order: synthesis, crystal structure, magnetic properties and DFT calculations. Dalton Transactions, 2014, 43, 15359-15366. | 3.3 | 19 |
| 87 | High-Temperature Spin Crossover in a Mononuclear Six-Coordinate Cobalt(II) Complex. Inorganic Chemistry, 2014, 53, 10009-10011. | 4.0 | 28 |
| 88 | S-shaped decanuclear heterometallic [Ni<sub>8</sub>Ln<sub>2</sub>] complexes [Ln(<scp>iii</scp>) = Gd, Tb, Dy and Ho]: theoretical modeling of the magnetic properties of the gadolinium analogue. Dalton Transactions, 2014, 43, 10164-10174. | 3.3 | 25 |
| 89 | Heterometallic Pentanuclear [Ni<sub>4</sub>Ln] (Ln<sup>III</sup> = Gd, Tb, Dy, Ho) Complexes: Accidental Orthogonality Leading to Ferromagnetic Interactions. European Journal of Inorganic Chemistry, 2014, 2014, 3393-3400. | 2.0 | 20 |
| 90 | The oxamate route, a versatile post-functionalization for metal incorporation in MIL-101(Cr): Catalytic applications of Cu, Pd, and Au. Journal of Catalysis, 2013, 307, 295-304. | 6.2 | 86 |

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| 91 | Enantioselective self-assembly of antiferromagnetic hexacopper(ii) wheels with chiral amino acid oxamates. Chemical Communications, 2013, 49, 5942. | 4.1 | 24 |
| 92 | The odd association of a C3h trisamidinium cation and tosylate anion with a series of linear oxalate-bridged trinuclear heterometallic complexes. Dalton Transactions, 2013, 42, 4704. | 3.3 | 12 |
| 93 | A hexaicosametallic copper(ii) phosphonate. Dalton Transactions, 2013, 42, 8192. | 3.3 | 22 |
| 94 | Synthesis, Structure, and Magnetic Properties of a Family of Heterometallic Pentanuclear [Co4Ln] (Ln) Tj ETQq0 0 0 rgBT /Overlock 10 T | 2.6 | 21 |
| 95 | Slow Magnetic Relaxation in a Hydrogen-Bonded 2D Array of Mononuclear Dysprosium(III) Oxamates. Inorganic Chemistry, 2013, 52, 4777-4779. | 4.0 | 37 |
| 96 | Self-assembly of a chiral three-dimensional manganese(ii)â€“copper(ii) coordination polymer with a double helical architecture. CrystEngComm, 2013, 15, 9312. | 2.6 | 17 |
| 97 | Dicopper(II) Metallacyclophanes with Electroswitchable Polymethylâ€Substituted paraâ€Phenylene Spacers. Chemistry - A European Journal, 2013, 19, 12124-12137. | 3.3 | 25 |
| 98 | Fieldâ€Induced Hysteresis and Quantum Tunneling of the Magnetization in a Mononuclear Manganese(III) Complex. Angewandte Chemie - International Edition, 2013, 52, 14075-14079. | 13.8 | 150 |
| 99 | Antisymmetric Exchange in Triangular Tricopper(II) Complexes: Correlation among Structural, Magnetic, and Electron Paramagnetic Resonance Parameters. Inorganic Chemistry, 2012, 51, 985-1001. | 4.0 | 110 |
| 100 | The Role of Orderâ€“Disorder Transitions in the Quest for Molecular Multiferroics: Structural and Magnetic Neutron Studies of a Mixed Valence Iron(II)â€“Iron(III) Formate Framework. Journal of the American Chemical Society, 2012, 134, 19772-19781. | 13.7 | 127 |
| 101 | Self-assembly, metal binding ability, and magnetic properties of dinickel(ii) and dicobalt(ii) triple mesocates. CrystEngComm, 2012, 14, 5639. | 2.6 | 14 |
| 102 | Redox switching of the antiferromagnetic coupling in permethylated dicopper(ii) paracyclophanes. Chemical Communications, 2012, 48, 8401. | 4.1 | 22 |
| 103 | Ligand effects on the dimensionality of oxamato-bridged mixed-metal open-framework magnets. Chemical Communications, 2012, 48, 3539. | 4.1 | 15 |
| 104 | Influence of the alkaline earth cations on the topology of M<sup>II</sup>/Cu<sup>II</sup>mixed-metalâ€“organic frameworks (M = Ca, Sr and Ba). CrystEngComm, 2012, 14, 761-764. | 2.6 | 17 |
| 105 | Field-Induced Slow Magnetic Relaxation in a Six-Coordinate Mononuclear Cobalt(II) Complex with a Positive Anisotropy. Journal of the American Chemical Society, 2012, 134, 15704-15707. | 13.7 | 358 |
| 106 | Highly Selective Chemical Sensing in a Luminescent Nanoporous Magnet. Advanced Materials, 2012, 24, 5625-5629. | 21.0 | 131 |
| 107 | Topological Versatility of Oxalate-Based Bimetallic One-Dimensional (1D) Compounds Associated with Ammonium Cations. Inorganic Chemistry, 2012, 51, 11582-11593. | 4.0 | 33 |
| 108 | Selective Gas and Vapor Sorption and Magnetic Sensing by an Isoreticular Mixed-Metalâ€“Organic Framework. Journal of the American Chemical Society, 2012, 134, 15301-15304. | 13.7 | 109 |

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|---|---|---|---|
| 109 | Prussian Blue Analogues of Reduced Dimensionality. Small, 2012, 8, 2532-2540. | 10.0 | 21 |
| 110 | Multiferroics by Rational Design: Implementing Ferroelectricity in Moleculeâ€Based Magnets. Angewandte Chemie - International Edition, 2012, 51, 8356-8360. | 13.8 | 157 |
| 111 | Solid-State Aggregation of Metallacyclophane-Based Mn<sup>II</sup>Cu<sup>II</sup> One-Dimensional Ladders. Inorganic Chemistry, 2012, 51, 7019-7021. | 4.0 | 15 |
| 112 | Slow magnetic relaxation in carbonato-bridged dinuclear lanthanide(iii) complexes with 2,3-quinoxalinediolate ligands. Chemical Communications, 2012, 48, 7726. | 4.1 | 50 |
| 113 | Reversible Solvatomagnetic Switching in a Spongelike Manganese(II)â€“Copper(II) 3D Open Framework with a Pillared Square/Octagonal Layer Architecture. Chemistry - A European Journal, 2012, 18, 1608-1617. | 3.3 | 86 |
| 114 | Photoswitching of the antiferromagnetic coupling in an oxamato-based dicopper(ii) anthracenophane. Chemical Communications, 2011, 47, 11035. | 4.1 | 39 |
| 115 | Synthesis, Crystal Structures, and Magnetic Properties of a New Family of Heterometallic Cyanide-Bridged Fe<sup>III</sup><sub>2</sub>M<sup>II</sup><sub>2</sub> (M = Mn, Ni, and Co) Square Complexes. Inorganic Chemistry, 2011, 50, 6250-6262. | 4.0 | 67 |
| 116 | High Proton Conduction in a Chiral Ferromagnetic Metalâ€“Organic Quartz-like Framework. Journal of the American Chemical Society, 2011, 133, 15328-15331. | 13.7 | 302 |
| 117 | Spin Control in Oxamato-Based Manganese(II)â€“Copper(II) Coordination Polymers with Brick-Wall Layer Architectures. Inorganic Chemistry, 2011, 50, 8694-8696. | 4.0 | 33 |
| 118 | New Magnetic Thin Film Hybrid Materials Built by the Incorporation of Octanickel(II)-oxamato Clusters Between Clay Mineral Platelets. Journal of Physical Chemistry Letters, 2011, 2, 2004-2008. | 4.6 | 17 |
| 119 | Slow relaxation of the magnetization in Oximato-bridged heterobimetallic Copper(II)-Manganese(III) chains. Journal of the Brazilian Chemical Society, 2011, 22, 976-986. | 0.6 | 2 |
| 120 | Synthesis, Crystal Structures and Magnetic Properties of M<sup>II</sup>Cu<sup>II</sup> Chains (M=Mn and Co) with Sterically Hindered Alkylâ€Substituted Phenyloxamate Bridging Ligands. Chemistry - A European Journal, 2011, 17, 2176-2188. | 3.3 | 58 |
| 121 | Rational Enantioselective Design of Chiral Heterobimetallic Singleâ€Chain Magnets: Synthesis, Crystal Structures and Magnetic Properties of Oxamatoâ€Bridged M<sup>II</sup>Cu<sup>II</sup> Chains (M=Mn, Co). Chemistry - A European Journal, 2011, 17, 12482-12494. | 3.3 | 78 |
| 122 | Single chain magnet behaviour in an enantiopure chiral cobalt(ii)â€“copper(ii) one-dimensional compound. Chemical Communications, 2010, 46, 2322. | 4.1 | 100 |
| 123 | Supramolecular coordination chemistry of aromatic polyoxalamide ligands: A metallosupramolecular approach toward functional magnetic materials. Coordination Chemistry Reviews, 2010, 254, 2281-2296. | 18.8 | 178 |
| 124 | Oligoâ€mâ€phenyleneoxalamide Copper(II) Mesocates as Electroâ€Switchable Ferromagnetic Metalâ€“Organic Wires. Chemistry - A European Journal, 2010, 16, 12838-12851. | 3.3 | 30 |
| 125 | Synthesis, crystal structure and magnetic properties of two oxalato-bridged dimetallic trinuclear complexes combined with a polar cation. Dalton Transactions, 2010, 39, 4951. | 3.3 | 35 |
| 126 | Tuning the Spin Ground State in Heterononanuclear Nickel(II)â^'Copper(II) Cylinders with a Triangular Metallacyclophane Core. Inorganic Chemistry, 2010, 49, 11264-11266. | 4.0 | 5 |

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| 127 | Variation of the ground spin state in homo- and hetero-octanuclear copper(ii) and nickel(ii) double-star complexes with a meso-helicate-type metallacryptand core. Dalton Transactions, 2010, 39, 4786. | 3.3 | 11 |
| 128 | [FeIILSCoIIILS]2â‡" [FeIIILSCoIIHS]2 photoinduced conversion in a cyanide-bridged heterobimetallic molecular square. Chemical Communications, 2010, 46, 8995. | 4.1 | 113 |
| 129 | Ferromagnetic Coupling by Spin Polarization in a Trinuclear Copper(II) Metallacyclophane with a Triangular Cage-Like Structure. Inorganic Chemistry, 2009, 48, 5244-5249. | 4.0 | 47 |
| 130 | Redox Switch-Off of the Ferromagnetic Coupling in a Mixed-Spin Tricobalt(II) Triple Mesocate. Journal of the American Chemical Society, 2009, 131, 14614-14615. | 13.7 | 39 |
| 131 | Molecular-Programmed Self-Assembly of Homo- and Heterometallic Tetranuclear Coordination Compounds: Synthesis, Crystal Structures, and Magnetic Properties of Rack-Type Cu<sup>II</sup><sub>2</sub>M<sup>II</sup><sub>2</sub> Complexes (M = Cu and Ni) with Tetranucleating Phenylenedioxamato Bridging Ligands. Inorganic Chemistry, 2009, 48, 4661-4673. | 4.0 | 22 |
| 132 | A Metallacryptandâ€Based Manganese(II)â€"Cobalt(II) Ferrimagnet with a Threeâ€Dimensional Honeycomb Openâ€Framework Architecture. Angewandte Chemie - International Edition, 2008, 47, 4211-4216. | 13.8 | 41 |
| 133 | Rational design of a new class of heterobimetallic molecule-based magnets: Synthesis, crystal structures, and magnetic properties of oxamato-bridged (Mâ€²=LiI and MnII; M=NiII and CoII) open-frameworks with a three-dimensional honeycomb architecture. Inorganica Chimica Acta, 2008, 361, 3394-3402. | 2.4 | 49 |
| 134 | Magnetic properties of six-coordinated high-spin cobalt(II) complexes: Theoretical background and its application. Inorganica Chimica Acta, 2008, 361, 3432-3445. | 2.4 | 555 |
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