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	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
2	Metalâ€“organic framework technologies for water remediation: towards a sustainable ecosystem. Journal of Materials Chemistry A, 2018, 6, 4912-4947.	10.3	369
3	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
4	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
5	Molecular magnetism, quo vadis? A historical perspective from a coordination chemist viewpointâ˜†. Coordination Chemistry Reviews, 2017, 339, 17-103.	18.8	279
6	Ligand design for multidimensional magnetic materials: a metallosupramolecular perspective. Dalton Transactions, 2008, , 2780.	3.3	244
7	The MOF-driven synthesis of supported palladium clusters with catalytic activity for carbene-mediated chemistry. Nature Materials, 2017, 16, 760-766.	27.5	230
8	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
9	Supramolecular coordination chemistry of aromatic polyoxalamide ligands: A metallosupramolecular approach toward functional magnetic materials. Coordination Chemistry Reviews, 2010, 254, 2281-2296.	18.8	178
10	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
11	Multiferroics by Rational Design: Implementing Ferroelectricity in Moleculeâ€Based Magnets. Angewandte Chemie - International Edition, 2012, 51, 8356-8360.	13.8	157
12	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
13	Cobalt(II)-Copper(II) Bimetallic Chains as a New Class of Single-Chain Magnets. Advanced Materials, 2004, 16, 1597-1600.	21.0	135
14	Highly Selective Chemical Sensing in a Luminescent Nanoporous Magnet. Advanced Materials, 2012, 24, 5625-5629.	21.0	131
15	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
16	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
17	Synthesis of Densely Packaged, Ultrasmall Pt⁰₂ 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
18	[FeIILSCoIIILS]2â‡” [FeIIILSCoIIHS]2 photoinduced conversion in a cyanide-bridged heterobimetallic molecular square. Chemical Communications, 2010, 46, 8995.	4.1	113

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19	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
20	Guest-dependent single-ion magnet behaviour in a cobalt(<scp>ii</scp>) metalâ€“organic framework. Chemical Science, 2016, 7, 2286-2293.	7.4	110
21	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
22	Ligand Design for Heterobimetallic Single-Chain Magnets: Synthesis, Crystal Structures, and Magnetic Properties of MIICuII (M=Mn, Co) Chains with Sterically Hindered Methyl-Substituted Phenyloxamate Bridging Ligands. Chemistry - A European Journal, 2007, 13, 2054-2066.	3.3	105
23	Insights into the Dynamics of Grotthuss Mechanism in a Proton-Conducting Chiral bioMOF. Chemistry of Materials, 2016, 28, 4608-4615.	6.7	105
24	Long-Range Magnetic Coupling through Extended Ï€-Conjugated Aromatic Bridges in Dinuclear Copper(II) Metallacyclophanes. Journal of the American Chemical Society, 2003, 125, 10770-10771.	13.7	103
25	Oxamato-based coordination polymers: recent advances in multifunctional magnetic materials. Chemical Communications, 2014, 50, 7569-7585.	4.1	103
26	Single chain magnet behaviour in an enantiopure chiral cobalt(ii)â€“copper(ii) one-dimensional compound. Chemical Communications, 2010, 46, 2322.	4.1	100
27	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
28	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
29	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
30	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
31	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
32	Rational Enantioselective Design of Chiral Heterobimetallic Singleâ€€Chain Magnets: Synthesis, Crystal Structures and Magnetic Properties of Oxamatoâ€Bridged M^{II}Cu^{II} Chains (M=Mn, Co). Chemistry - A European Journal, 2011, 17, 12482-12494.	3.3	78
33	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
34	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
35	Mixed component metal-organic frameworks: Heterogeneity and complexity at the service of application performances. Coordination Chemistry Reviews, 2022, 451, 214273.	18.8	70
36	Synthesis, Crystal Structures, and Magnetic Properties of a New Family of Heterometallic Cyanide-Bridged Fe^{III}₂M^{II}₂ (M = Mn, Ni, and Co) Square Complexes. Inorganic Chemistry, 2011, 50, 6250-6262.	4.0	67

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37	Reversible solvatomagnetic switching in a single-ion magnet from an entatic state. Chemical Science, 2017, 8, 3694-3702.	7.4	67
38	Structure and Magnetism of Dinuclear Copper(II) Metallacyclophanes with Oligoacenebis(oxamate) Bridging Ligands:Â Theoretical Predictions on Wirelike Magnetic Coupling. Journal of the American Chemical Society, 2008, 130, 576-585.	13.7	64
39	Metallosupramolecular approach toward multifunctional magnetic devices for molecular spintronics. Coordination Chemistry Reviews, 2015, 303, 110-138.	18.8	64
40	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
41	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
42	Isolating reactive metal-based species in Metalâ€“Organic Frameworks â€“ viable strategies and opportunities. Chemical Science, 2020, 11, 4031-4050.	7.4	59
43	Synthesis, Crystal Structures and Magnetic Properties of M^{II}Cu^{II} Chains (M=Mn and Co) with Sterically Hindered Alkylâ€Substituted Phenyloxamate Bridging Ligands. Chemistry - A European Journal, 2011, 17, 2176-2188.	3.3	58
44	Dicopper(II) Metallacyclophanes as Multifunctional Magnetic Devices: A Joint Experimental and Computational Study. Accounts of Chemical Research, 2015, 48, 510-520.	15.6	58
45	Reverse osmosis and nanofiltration membranes for highly efficient PFASs removal: overview, challenges and future perspectives. Dalton Transactions, 2021, 50, 5398-5410.	3.3	57
46	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
47	Confined Pt₁¹⁺ Water Clusters in a MOF Catalyze the Lowâ€Temperature Waterâ€“Gas Shift Reaction with both CO₂ Oxygen Atoms Coming from Water. Angewandte Chemie - International Edition, 2018, 57, 17094-17099.	13.8	54
48	Alkane oxidation by a carboxylate-bridged dimanganese(III) complex. Chemical Communications, 2001, , 2102-2103.	4.1	50
49	Slow magnetic relaxation in carbonato-bridged dinuclear lanthanide(iii) complexes with 2,3-quinoxalinediolate ligands. Chemical Communications, 2012, 48, 7726.	4.1	50
50	Fieldâ€Induced Slow Magnetic Relaxation in a Mononuclear Manganese(III)â€“Porphyrin Complex. Chemistry - A European Journal, 2015, 21, 17299-17307.	3.3	50
51	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
52	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
53	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
54	Concise Chemistry Modulation of the SMM Behavior within a Family of Mononuclear Dy(III) Complexes. Inorganic Chemistry, 2018, 57, 14843-14851.	4.0	48

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55	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
56	Molecular-Programmed Self-Assembly of Homo- and Heterometallic Penta- and Hexanuclear Coordination Compounds:Â Synthesis, Crystal Structures, and Magnetic Properties of Ladder-Type CuII2MIIx(M = Cu, Ni;x= 3, 4) Oxamato Complexes with CuII2Metallacyclophane Cores. Inorganic Chemistry, 2007, 46, 4504-4514.	4.0	45
57	Chemistry and reactivity of dinuclear manganese oxamate complexes: Aerobic catechol oxidation catalyzed by high-valent bis(oxo)-bridged dimanganese(IV) complexes with a homologous series of binucleating 4,5-disubstituted-o-phenylenedioxamate ligands. Journal of Molecular Catalysis A, 2006, 250, 20-26.	4.8	44
58	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
59	Spin Control in Ladderlike Hexanuclear Copper(II) Complexes with Metallacyclophane Cores. Inorganic Chemistry, 2004, 43, 2768-2770.	4.0	43
60	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
61	Magnetic Anisotropy of a High-Spin Octanuclear Nickel(II) Complex with ameso-Helicate Core. Inorganic Chemistry, 2004, 43, 7594-7596.	4.0	41
62	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
63	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
64	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
65	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
66	Photoswitching of the antiferromagnetic coupling in an oxamato-based dicopper(ii) anthracenophane. Chemical Communications, 2011, 47, 11035.	4.1	39
67	Spin-crossover complex encapsulation within a magnetic metalâ€“organic framework. Chemical Communications, 2016, 52, 7360-7363.	4.1	39
68	Slow Magnetic Relaxation in a Hydrogen-Bonded 2D Array of Mononuclear Dysprosium(III) Oxamates. Inorganic Chemistry, 2013, 52, 4777-4779.	4.0	37
69	Ordered mesoporous silicas as host for the incorporation and aggregation of octanuclear nickel(ii) single-molecule magnets: a bottom-up approach to new magnetic nanocomposite materials. Journal of Materials Chemistry, 2006, 16, 2702-2714.	6.7	36
70	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
71	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
72	Cytosine Nucleobase Ligand: A Suitable Choice for Modulating Magnetic Anisotropy in Tetrahedrally Coordinated Mononuclear Co^{II} Compounds. Inorganic Chemistry, 2017, 56, 1857-1864.	4.0	34

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73	Chemistry and reactivity of dinuclear iron oxamate complexes: alkane oxidation with hydrogen peroxide catalysed by an oxo-bridged diiron(III) complex with amide and carboxylate ligation. Inorganica Chimica Acta, 2004, 357, 2713-2720.	2.4	33
74	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
75	Topological Versatility of Oxalate-Based Bimetallic One-Dimensional (1D) Compounds Associated with Ammonium Cations. Inorganic Chemistry, 2012, 51, 11582-11593.	4.0	33
76	Hydrolaseâ€“like catalysis and structural resolution of natural products by a metalâ€“organic framework. Nature Communications, 2020, 11, 3080.	12.8	33
77	Capping Nâ€Donor Ligands Modulate the Magnetic Dynamics of Dy^{III} Î²â€Diketonate Singleâ€Ion Magnets with D_{4d} Symmetry. Chemistry - A European Journal, 2019, 25, 3884-3892.	3.3	32
78	Chemistry and reactivity of mononuclear manganese oxamate complexes: Oxidative carbonâ€“carbon bond cleavage of vic-diols by dioxygen and aldehydes catalyzed by a trans-dipyridine manganese(III) complex with a tetradentate o-phenylenedioxamate ligand. Journal of Molecular Catalysis A, 2006, 243, 214-220.	4.8	31
79	Stabilized Ru[(H₂O)₆]³⁺ 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
80	Oligoâ€mâ€phenyleneoxalamide Copper(II) Mesocates as Electroâ€Switchable Ferromagnetic Metalâ€“Organic Wires. Chemistry - A European Journal, 2010, 16, 12838-12851.	3.3	30
81	Homochiral self-assembly of biocoordination polymers: anion-triggered helicity and absolute configuration inversion. Chemical Science, 2015, 6, 4300-4305.	7.4	29
82	Highly Efficient Removal of Neonicotinoid Insecticides by Thioether-Based (Multivariate) Metalâ€“Organic Frameworks. ACS Applied Materials & Interfaces, 2021, 13, 28424-28432.	8.0	29
83	Self-assembly and magnetic properties of a double-propeller octanuclear copper(ii) complex with a meso-helicate-type metallacryptand core. Chemical Communications, 2004, , 920-921.	4.1	28
84	High-Temperature Spin Crossover in a Mononuclear Six-Coordinate Cobalt(II) Complex. Inorganic Chemistry, 2014, 53, 10009-10011.	4.0	28
85	Rational Synthesis of Chiral Metalâ€“Organic Frameworks from Preformed Rodlike Secondary Building Units. Inorganic Chemistry, 2017, 56, 6551-6557.	4.0	27
86	Dicopper(II) Metallacyclophanes with Electroswitchable Polymethylâ€Substituted paraâ€Phenylene Spacers. Chemistry - A European Journal, 2013, 19, 12124-12137.	3.3	25
87	S-shaped decanuclear heterometallic [Ni₈Ln₂] 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
88	Enantioselective self-assembly of antiferromagnetic hexacopper(ii) wheels with chiral amino acid oxamates. Chemical Communications, 2013, 49, 5942.	4.1	24
89	Lanthanide Discrimination with Hydroxyl-Decorated Flexible Metalâ€“Organic Frameworks. Inorganic Chemistry, 2018, 57, 13895-13900.	4.0	24
90	Metalâ€“Organic Frameworks as Playgrounds for Reticulate Single-Molecule Magnets. Inorganic Chemistry, 2019, 58, 14498-14506.	4.0	23

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91	Molecular-Programmed Self-Assembly of Homo- and Heterometallic Tetranuclear Coordination Compounds: Synthesis, Crystal Structures, and Magnetic Properties of Rack-Type Cu^{II}₂M^{II}₂ Complexes (M = Cu and Ni) with Tetranucleating Phenylenedioxamato Bridging Ligands. Inorganic Chemistry, 2009, 48, 4661-4673.	4.0	22
92	Redox switching of the antiferromagnetic coupling in permethylated dicopper(ii) paracyclophanes. Chemical Communications, 2012, 48, 8401.	4.1	22
93	A hexaicosametallic copper(ii) phosphonate. Dalton Transactions, 2013, 42, 8192.	3.3	22
94	Synthesis of Densely Packaged, Ultrasmall Pt⁰₂ Clusters within a Thioetherâ€Functionalized MOF: Catalytic Activity in Industrial Reactions at Low Temperature. Angewandte Chemie, 2018, 130, 6294-6299.	2.0	22
95	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
96	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
97	Prussian Blue Analogues of Reduced Dimensionality. Small, 2012, 8, 2532-2540.	10.0	21
98	Synthesis, Structure, and Magnetic Properties of a Family of Heterometallic Pentanuclear [Co4Ln] (Ln) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.0	21
99	Structural Studies on a New Family of Chiral BioMOFs. Crystal Growth and Design, 2016, 16, 5571-5578.	3.0	21
100	Heterometallic Pentanuclear [Ni₄Ln] (Ln^{III} = Gd, Tb, Dy, Ho) Complexes: Accidental Orthogonality Leading to Ferromagnetic Interactions. European Journal of Inorganic Chemistry, 2014, 2014, 3393-3400.	2.0	20
101	Cation Exchange in Dynamic 3D Porous Magnets: Improvement of the Physical Properties. Inorganic Chemistry, 2015, 54, 10834-10840.	4.0	20
102	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
103	Multivariate Metalâ€“Organic Framework/Single-Walled Carbon Nanotube Buckypaper for Selective Lead Decontamination. ACS Applied Nano Materials, 2022, 5, 5223-5233.	5.0	20
104	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
105	Highly efficient temperature-dependent chiral separation with a nucleotide-based coordination polymer. Chemical Communications, 2018, 54, 6356-6359.	4.1	19
106	Efficient Gas Separation and Transport Mechanism in Rare Hemilabile Metalâ€“Organic Framework. Chemistry of Materials, 2019, 31, 5856-5866.	6.7	18
107	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
108	Influence of the alkaline earth cations on the topology of M^{II}/Cu^{II}mixed-metalâ€“organic frameworks (M = Ca, Sr and Ba). CrystEngComm, 2012, 14, 761-764.	2.6	17

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109	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
110	Direct Visualization of Pyrrole Reactivity upon Confinement within a Cyclodextrin Metalâ€“Organic Framework. Angewandte Chemie - International Edition, 2019, 58, 9179-9183.	13.8	16
111	Modulating magnetic dynamics through tailoring the terminal ligands in Dy₂ single-molecule magnets. Dalton Transactions, 2020, 49, 808-816.	3.3	16
112	Ligand effects on the dimensionality of oxamato-bridged mixed-metal open-framework magnets. Chemical Communications, 2012, 48, 3539.	4.1	15
113	Solid-State Aggregation of Metallacyclophane-Based Mn^{II}Cu^{II} One-Dimensional Ladders. Inorganic Chemistry, 2012, 51, 7019-7021.	4.0	15
114	Double Interpenetration in a Chiral Three-Dimensional Magnet with a (10,3)-a Structure. Inorganic Chemistry, 2015, 54, 8890-8892.	4.0	15
115	A novel oxalate-based three-dimensional coordination polymer showing magnetic ordering and high proton conductivity. Dalton Transactions, 2017, 46, 15130-15137.	3.3	15
116	High-valent bis(oxo)-bridged dinuclear manganese oxamates: Synthesis, crystal structures, magnetic properties, and electronic structure calculations of bis(Î¼-oxo)dimanganese(IV) complexes with a binucleating o-phenylenedioxamate ligand. Inorganica Chimica Acta, 2007, 360, 221-232.	2.4	14
117	Self-assembly, metal binding ability, and magnetic properties of dinickel(ii) and dicobalt(ii) triple mesocates. CrystEngComm, 2012, 14, 5639.	2.6	14
118	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
119	Gas Transport in Mixed Matrix Membranes: Two Methods for Time Lag Determination. Computation, 2020, 8, 28.	2.0	14
120	Solvent-Dependent Self-Assembly of an Oxalato-Based Three-Dimensional Magnet Exhibiting a Novel Architecture. Inorganic Chemistry, 2016, 55, 6845-6847.	4.0	13
121	Toward Engineering Chiral Rodlike Metalâ€“Organic Frameworks with Rare Topologies. Inorganic Chemistry, 2018, 57, 12869-12875.	4.0	13
122	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
123	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
124	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
125	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
126	Switching of easy-axis to easy-plane anisotropy in cobalt(<scp>ii</scp>) complexes. Inorganic Chemistry Frontiers, 2021, 8, 5158-5168.	6.0	12

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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	Solidâ€State Anionâ€“Guest Encapsulation by Metallosupramolecular Capsules Made from Two Tetranuclear Copper(II) Complexes. European Journal of Inorganic Chemistry, 2007, 2007, 4569-4573.	2.0	9
129	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
130	Selective Guest Inclusion in Oxalate-Based Iron(III) Magnetic Coordination Polymers. Inorganic Chemistry, 2016, 55, 11160-11169.	4.0	8
131	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
132	Towards Iron-Titanium Oxide Nanostructures from Ecuadorian Black Mineral Sands. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.0	8
133	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
134	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
135	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
136	Direct Visualization of Pyrrole Reactivity upon Confinement within a Cyclodextrin Metalâ€“Organic Framework. Angewandte Chemie, 2019, 131, 9277-9281.	2.0	5
137	Photodegradation of Brilliant Green Dye by a Zinc bioMOF and Crystallographic Visualization of Resulting CO2. Molecules, 2021, 26, 4098.	3.8	5
138	Confined Pt₁¹⁺ Water Clusters in a MOF Catalyze the Lowâ€Temperature Waterâ€“Gas Shift Reaction with both CO₂ Oxygen Atoms Coming from Water. Angewandte Chemie, 2018, 130, 17340-17345.	2.0	4
139	Magnetic order in a CuIIâ€“DyIII oxamato-based two-dimensional coordination polymer. Comptes Rendus Chimie, 2019, 22, 466-475.	0.5	4
140	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
141	A Biocompatible Aspartic-Decorated Metalâ€“Organic Framework with Tubular Motif Degradable under Physiological Conditions. Inorganic Chemistry, 2021, 60, 14221-14229.	4.0	3
142	Slow magnetic relaxation in a trigonal-planar mononuclear Fe(<scp>ii</scp>) complex. Dalton Transactions, 2022, 51, 8266-8272.	3.3	3
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