

# Joan Cano

## List of Publications by Year in descending order

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116  
papers

9,611  
citations

57631

44  
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121  
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121  
docs citations

121  
times ranked

5474  
citing authors

#	ARTICLE	IF	CITATIONS
1	Broken symmetry approach to calculation of exchange coupling constants for homobinuclear and heterobinuclear transition metal complexes. , 1999, 20, 1391-1400.		836
2	Toward the Prediction of Magnetic Coupling in Molecular Systems: Hydroxo- and Alkoxo-Bridged Cu(II) Binuclear Complexes. Journal of the American Chemical Society, 1997, 119, 1297-1303.	6.6	816
3	Magnetic Coupling in End-On Azido-Bridged Transition Metal Complexes: A Density Functional Study. Journal of the American Chemical Society, 1998, 120, 11122-11129.	6.6	676
4	Magnetic properties of six-coordinated high-spin cobalt(II) complexes: Theoretical background and its application. Inorganica Chimica Acta, 2008, 361, 3432-3445.	1.2	555
5	About the calculation of exchange coupling constants in polynuclear transition metal complexes. Journal of Computational Chemistry, 2003, 24, 982-989.	1.5	472
6	Structural Modeling and Magneto-Structural Correlations for Hydroxo-Bridged Copper(II) Binuclear Complexes. Inorganic Chemistry, 1997, 36, 3683-3688.	1.9	386
7	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.	6.6	358
8	About the calculation of exchange coupling constants using density-functional theory: The role of the self-interaction error. Journal of Chemical Physics, 2005, 123, 164110.	1.2	318
9	Molecular magnetism, quo vadis? A historical perspective from a coordination chemist viewpoint†. Coordination Chemistry Reviews, 2017, 339, 17-103.	9.5	279
10	Slow Magnetic Relaxation in a Co <sup>II</sup> -Y <sup>III</sup> Single-Ion Magnet with Positive Axial Zero-Field Splitting. Angewandte Chemie - International Edition, 2013, 52, 9130-9134.	7.2	266
11	Ligand design for multidimensional magnetic materials: a metallosupramolecular perspective. Dalton Transactions, 2008, , 2780.	1.6	244
12	Can large magnetic anisotropy and high spin really coexist?. Chemical Communications, 2008, , 52-54.	2.2	215
13	Exchange Coupling in Oxalato-Bridged Copper(II) Binuclear Compounds: A Density Functional Study. Chemistry - A European Journal, 1998, 4, 476-484.	1.7	197
14	Supramolecular coordination chemistry of aromatic polyoxalamide ligands: A metallosupramolecular approach toward functional magnetic materials. Coordination Chemistry Reviews, 2010, 254, 2281-2296.	9.5	178
15	Magnetic Coupling in End-to-End Azido-Bridged Copper and Nickel Binuclear Complexes: A Theoretical Study. Inorganic Chemistry, 2000, 39, 3221-3229.	1.9	152
16	Ferromagnetic Coupling through Spin Polarization in a Dinuclear Copper(II) Metallacyclophane. Angewandte Chemie - International Edition, 2001, 40, 3039-3042.	7.2	150
17	Field-Induced Hysteresis and Quantum Tunneling of the Magnetization in a Mononuclear Manganese(III) Complex. Angewandte Chemie - International Edition, 2013, 52, 14075-14079.	7.2	150
18	Countercomplementarity and Strong Ferromagnetic Coupling in a Linear Mixed 1/4-Acetato, 1/4-Hydroxo Trinuclear Copper(II) Complex. Synthesis, Structure, Magnetic Properties, EPR, and Theoretical Studies. Inorganic Chemistry, 2000, 39, 3608-3614.	1.9	119

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19	Synthesis, Crystal Structure, and Magnetic Properties of Tetraphenylarsonium Tetrachloro(oxalato)rhenate(IV) and Bis(2,2'-bipyridine)tetrachloro(1/4-oxalato)copper(II)rhenium(IV). <i>Inorganic Chemistry</i> , 1999, 38, 4745-4752.	1.9	111
20	Guest-dependent single-ion magnet behaviour in a cobalt(II) metal-organic framework. <i>Chemical Science</i> , 2016, 7, 2286-2293.	3.7	110
21	Selective Gas and Vapor Sorption and Magnetic Sensing by an Isorecticular Mixed-Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2012, 134, 15301-15304.	6.6	109
22	Long-Range Magnetic Coupling through Extended $\pi$ -Conjugated Aromatic Bridges in Dinuclear Copper(II) Metallacyclophanes. <i>Journal of the American Chemical Society</i> , 2003, 125, 10770-10771.	6.6	103
23	Highly Anisotropic Rhenium(IV) Complexes: New Examples of Mononuclear Single-Molecule Magnets. <i>Journal of the American Chemical Society</i> , 2013, 135, 13737-13748.	6.6	101
24	Reversible Solvatomagnetic Switching in a Spongelike Manganese(II)-Copper(II) 3D Open Framework with a Pillared Square/Octagonal Layer Architecture. <i>Chemistry - A European Journal</i> , 2012, 18, 1608-1617.	1.7	86
25	Study of the Influence of the Bridge on the Magnetic Coupling in Cobalt(II) Complexes. <i>Inorganic Chemistry</i> , 2009, 48, 11342-11351.	1.9	81
26	Synthesis, Structural Characterization, and Monte Carlo Simulation of the Magnetic Properties of Two New Alternating MnII/Azide 2-D Honeycombs. Study of the Ferromagnetic Ordered Phase below 20 K. <i>Inorganic Chemistry</i> , 2000, 39, 4688-4695.	1.9	79
27	Trans-dicyanobis(acetylacetonato)ruthenate(III) as a precursor to build novel cyanide-bridged RuIII-MII bimetallic compounds [M=Co and Ni]. <i>Coordination Chemistry Reviews</i> , 2006, 250, 2176-2193.	9.5	73
28	Two Polymorphic Forms of a Six-Coordinate Mononuclear Cobalt(II) Complex with Easy-Plane Anisotropy: Structural Features, Theoretical Calculations, and Field-Induced Slow Relaxation of the Magnetization. <i>Inorganic Chemistry</i> , 2016, 55, 8502-8513.	1.9	72
29	Heterotrimetallic Coordination Polymers: {Cu <sup>II</sup> Ln <sup>III</sup> Fe <sup>III</sup> } Chains and {Ni <sup>II</sup> Ln <sup>III</sup> Fe <sup>III</sup> } Layers: Synthesis, Crystal Structures, and Magnetic Properties. <i>Chemistry - A European Journal</i> , 2015, 21, 5429-5446.	1.7	71
30	Reversible solvatomagnetic switching in a single-ion magnet from an entatic state. <i>Chemical Science</i> , 2017, 8, 3694-3702.	3.7	67
31	Structure and Magnetism of Dinuclear Copper(II) Metallacyclophanes with Oligoacenebis(oxamate) Bridging Ligands: A Theoretical Predictions on Wirelike Magnetic Coupling. <i>Journal of the American Chemical Society</i> , 2008, 130, 576-585.	6.6	64
32	Metallosupramolecular approach toward multifunctional magnetic devices for molecular spintronics. <i>Coordination Chemistry Reviews</i> , 2015, 303, 110-138.	9.5	64
33	Strong Ferromagnetic Coupling in Linear Mixed 1/4-Acetato, 1/4-Hydroxo Trinuclear Copper(II) Complexes with N-sulfonamide derivatives. Synthesis, Structure, EPR and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 2094-2102.	1.0	61
34	Solid-State Molecular Nanomagnet Inclusion into a Magnetic Metal-Organic Framework: Interplay of the Magnetic Properties. <i>Chemistry - A European Journal</i> , 2016, 22, 539-545.	1.7	61
35	Single-ion magnet behaviour in mononuclear and two-dimensional dicyanamide-containing cobalt(II) complexes. <i>Dalton Transactions</i> , 2016, 45, 10181-10193.	1.6	60
36	Structural and Magnetic Diversity in Cyano-Bridged Bi- and Trimetallic Complexes Assembled from Cyanometalates and [M(rac-CTH)] <sub>n</sub> -Building Blocks (CTH) Tj ETQqO O O rgBT /Overlock 10 Tf 50 62 Td (=d,I-5,5,7,12,12,14-Hexamethyl) 10537-10551.	1.9	59

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37	Dicopper(II) Metallacyclophanes as Multifunctional Magnetic Devices: A Joint Experimental and Computational Study. <i>Accounts of Chemical Research</i> , 2015, 48, 510-520.	7.6	58
38	Īf-Hammett parameter: a strategy to enhance both photo- and electro-luminescence features of heteroleptic copper( $\text{I}$ ) complexes. <i>Dalton Transactions</i> , 2017, 46, 6312-6323.	1.6	51
39	Field-Induced Slow Magnetic Relaxation in a Mononuclear Manganese(III)-Porphyrin Complex. <i>Chemistry - A European Journal</i> , 2015, 21, 17299-17307.	1.7	50
40	Modulation of the magnetic anisotropy of octahedral cobalt( $\text{II}$ ) single-ion magnets by fine-tuning the axial coordination microenvironment. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 848-856.	3.0	50
41	Rational design of a new class of heterobimetallic molecule-based magnets: Synthesis, crystal structures, and magnetic properties of oxamato-bridged ( $\text{M}=\text{Li}$ and $\text{Mn}$ ; $\text{M}=\text{Ni}$ and $\text{Co}$ ) open-frameworks with a three-dimensional honeycomb architecture. <i>Inorganica Chimica Acta</i> , 2008, 361, 3394-3402.	1.2	49
42	Photoluminescent and Slow Magnetic Relaxation Studies on Lanthanide(III)-2,5-pyrazinedicarboxylate Frameworks. <i>Inorganic Chemistry</i> , 2017, 56, 2108-2123.	1.9	49
43	Synthesis Crystal Structure and Magnetic Properties of the Trinuclear Nickel(II) Complex Bis[ $(\mu_4\text{-thiocyanato-N})\text{bis}(\mu_4\text{-pyridazine-N1,N2})\text{bis}(\text{thiocyanato-N})(\text{pyridazine-N1})\text{nickel(II)-N,N1,N1}$ ]nickel(II). <i>Inorganic Chemistry</i> , 2000, 39, 1611-1614.	1.9	44
44	Design of Magnetic Coordination Polymers Built from Polyoxalamide Ligands: A Thirty Year Story. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 228-247.	1.0	44
45	Asymmetry and Magnetism in Bis(oxamato)-Bridged Heterobimetallic Compounds: A Computational Approach. <i>Chemistry - A European Journal</i> , 2000, 6, 327-333.	1.7	41
46	Magnetic Anisotropy of a High-Spin Octanuclear Nickel(II) Complex with ameso-Helicate Core. <i>Inorganic Chemistry</i> , 2004, 43, 7594-7596.	1.9	41
47	A Metallacryptand-Based Manganese(II)-Cobalt(II) Ferrimagnet with a Three-Dimensional Honeycomb Open-Framework Architecture. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4211-4216.	7.2	41
48	Synthesis, Crystal Structure, Magnetic Properties, and Theoretical Studies of $[\{\text{Cu}(\text{mepirizole})\text{Br}\}_2(\mu_4\text{-OH})(\mu_4\text{-pz})]$ (Mepirizole = $\text{C}_7\text{H}_8\text{N}_2\text{O}$ ) (4-Methoxy-2-(5-methoxy-3-methyl-1H- $\mu_4$ -Pyrazolato)- $\mu_4$ -Hydroxo-Dibridged Copper(II) Complex. <i>Inorganic Chemistry</i> , 2003, 42, 8328-8336.	1.9	39
49	Redox Switch-Off of the Ferromagnetic Coupling in a Mixed-Spin Tricobalt(II) Triple Mesocate. <i>Journal of the American Chemical Society</i> , 2009, 131, 14614-14615.	6.6	39
50	Magnetic coupling in discrete cyano-bridged $\text{Mn(III)-Fe(III)}$ motifs: Synthesis, crystal structure, magnetic properties and theoretical study. <i>Dalton Transactions</i> , 2010, 39, 5028.	1.6	39
51	Photoswitching of the antiferromagnetic coupling in an oxamato-based dicopper(II) anthracenophane. <i>Chemical Communications</i> , 2011, 47, 11035.	2.2	39
52	Exchange Interactions in Azido-Bridged Ligand $\text{Ni(II)}$ Complexes: A Theoretical Analysis. <i>Inorganic Chemistry</i> , 2009, 48, 3139-3144.	1.9	38
53	A pH-triggered bistable copper(II) metallacycle as a reversible emulsion switch for biphasic processes. <i>Chemical Communications</i> , 2013, 49, 10778.	2.2	38
54	Single-Ion Magnetic Behavior in $\text{Co(II)-Co(III)}$ Mixed-Valence Dinuclear and Pseudodinuclear Complexes. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2585-2594.	1.0	37

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55	Field-induced slow magnetic relaxation in pseudooctahedral cobalt(II) complexes with positive axial and large rhombic anisotropy. <i>Dalton Transactions</i> , 2019, 48, 1404-1417.	1.6	36
56	Coligand Effects on the Field-Induced Double Slow Magnetic Relaxation in Six-Coordinate Cobalt(II) Single-Ion Magnets (SIMs) with Positive Magnetic Anisotropy. <i>Inorganic Chemistry</i> , 2019, 58, 15726-15740.	1.9	35
57	Synthesis and X-ray Structure of the MnII Cl <sub>2</sub> and MnIII F <sub>2</sub> Complexes of N,N'-Dimethyl-2,11-diaza[3,3](2,6)pyridinophane. High-Field Electron Paramagnetic Resonance and Density Functional Theory Studies of the Mn(III) Complex. Evidence for a Low-Lying Spin Triplet State. <i>Inorganic Chemistry</i> , 2005, 44, 6959-6966.	1.9	34
58	Syntheses, Crystal Structures, and Magnetic Properties of Metal-Organic Hybrid Materials of Mn(II)/Co(II): Three-Fold Interpenetrated $\pm$ -Polonium-like Network in One of Them. <i>Crystal Growth and Design</i> , 2014, 14, 3276-3285.	1.4	34
59	Cytosine Nucleobase Ligand: A Suitable Choice for Modulating Magnetic Anisotropy in Tetrahedrally Coordinated Mononuclear Co(II) Compounds. <i>Inorganic Chemistry</i> , 2017, 56, 1857-1864.	1.9	34
60	Spin Control in Oxamate-Based Manganese(II)-Copper(II) Coordination Polymers with Brick-Wall Layer Architectures. <i>Inorganic Chemistry</i> , 2011, 50, 8694-8696.	1.9	33
61	Pentachloro(pyrazine)rhenate(IV) complex as precursor of heterobimetallic pyrazine-containing ReIV <sub>2</sub> MIII (M = Ni, Cu) species: synthesis, crystal structures and magnetic properties. <i>Dalton Transactions</i> , 2008, , 4585.	1.6	32
62	Incorporation of Cr(III) into a Keggin Polyoxometalate as a Chemical Strategy to Stabilize a Labile {Cr(III)O <sub>4</sub> } Tetrahedral Conformation and Promote Unattended Single-Ion Magnet Properties. <i>Journal of the American Chemical Society</i> , 2020, 142, 3336-3339.	6.6	32
63	Magneto-structural versatility of copper(II)-3-phenylpropionate coordination polymers with N-donor coligands. <i>Dalton Transactions</i> , 2016, 45, 172-189.	1.6	31
64	Oligo(phenyleneoxalamide Copper(II) Mesocates as Electroswitchable Ferromagnetic Metal-Organic Wires. <i>Chemistry - A European Journal</i> , 2010, 16, 12838-12851.	1.7	30
65	Pressure induced enhancement of the magnetic ordering temperature in rhenium(IV) monomers. <i>Nature Communications</i> , 2016, 7, 13870.	5.8	30
66	A Two-Dimensional Oxamate- and Oxalate-Bridged Cu(II)Mn(II) Motif: Crystal Structure and Magnetic Properties of (Bu <sub>4</sub> N) <sub>2</sub> [Mn <sub>2</sub> {Cu(opba)} <sub>2</sub> ox]. <i>Inorganic Chemistry</i> , 2013, 52, 8812-8819.	1.9	28
67	Towards a better understanding of honeycomb alternating magnetic networks. <i>Dalton Transactions</i> , 2015, 44, 11040-11051.	1.6	26
68	Deciphering the Electroluminescence Behavior of Silver(I) Complexes in Light-Emitting Electrochemical Cells: Limitations and Solutions toward Highly Stable Devices. <i>Advanced Functional Materials</i> , 2019, 29, 1901797.	7.8	25
69	Molecular-Programmed Self-Assembly of Homo- and Heterometallic Tetranuclear Coordination Compounds: Synthesis, Crystal Structures, and Magnetic Properties of Rack-Type Cu(II) <sub>2</sub> M(II) <sub>2</sub> Complexes (M = Cu and Ni) with Tetranucleating Phenylenedioxamato Bridging Ligands. <i>Inorganic Chemistry</i> , 2009, 48, 4661-4673.	1.9	22
70	Redox switching of the antiferromagnetic coupling in permethylated dicopper(II) paracyclophanes. <i>Chemical Communications</i> , 2012, 48, 8401.	2.2	22
71	Cation Exchange in Dynamic 3D Porous Magnets: Improvement of the Physical Properties. <i>Inorganic Chemistry</i> , 2015, 54, 10834-10840.	1.9	20
72	A five-coordinate manganese(III) complex of a salen type ligand with a positive axial anisotropy parameter D. <i>Dalton Transactions</i> , 2017, 46, 11817-11829.	1.6	20

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73	The influence of pseudohalide ligands on the SIM behaviour of four-coordinate benzyylimidazole-containing cobalt(II) complexes. Dalton Transactions, 2018, 47, 5831-5842.	1.6	17
74	Field-induced slow magnetic relaxation and magnetocaloric effects in an oxalato-bridged gadolinium(III)-based 2D MOF. Dalton Transactions, 2021, 50, 3801-3805.	1.6	17
75	Dicopper(II) Metallacyclophanes with $\pi$ -N,N'-2,6-Pyridinebis(oxamate): Solution Study, Synthesis, Crystal Structures, and Magnetic Properties. Inorganic Chemistry, 2016, 55, 2390-2401.	1.9	16
76	Three different types of bridging ligands in a $3d^6-3d^6-3d^6$ heterotrimetallic chain. Dalton Transactions, 2018, 47, 1010-1013.	1.6	16
77	Photoluminescent Cu(I) vs. Ag(I) complexes: slowing down emission in Cu(I) complexes by pentacoordinate low-lying excited states. Dalton Transactions, 2019, 48, 9765-9775.	1.6	16
78	Ligand effects on the dimensionality of oxamato-bridged mixed-metal open-framework magnets. Chemical Communications, 2012, 48, 3539.	2.2	15
79	A heterobimetallic [MnII5CuII5] nanowheel modulated by a flexible bis-oxamate type ligand. Dalton Transactions, 2015, 44, 10939-10942.	1.6	15
80	Slow magnetic relaxation and water oxidation activity of dinuclear Co(II)Co(III) and unique triangular Co(II)Co(II)Co(III) mixed-valence complexes. Dalton Transactions, 2020, 49, 6328-6340.	1.6	15
81	High-valent bis(oxo)-bridged dinuclear manganese oxamates: Synthesis, crystal structures, magnetic properties, and electronic structure calculations of bis( $\mu_4$ -oxo)dimanganese(IV) complexes with a binucleating o-phenylenedioxamate ligand. Inorganica Chimica Acta, 2007, 360, 221-232.	1.2	14
82	Self-assembly, metal binding ability, and magnetic properties of dinickel(II) and dicobalt(II) triple mesocates. CrystEngComm, 2012, 14, 5639.	1.3	14
83	Influence of the pyrazine substituent on the structure and magnetic properties of dicyanamide-bridged cobalt(II) complexes. Dalton Transactions, 2019, 48, 17266-17280.	1.6	14
84	Field-induced slow magnetic relaxation in mixed valence di- and tri-nuclear Co(II)-Co(III) complexes. Dalton Transactions, 2020, 49, 9516-9528.	1.6	14
85	Magneto-structural correlations in a family of Re(IV)Cu(II) chains based on the hexachlororhenate(IV) metalloligand. Dalton Transactions, 2017, 46, 16025-16033.	1.6	13
86	Unconventional dihydrogen-bond interaction induced cyanide-bridged chiral nano-sized magnetic molecular wheel: synthesis, crystal structure and systematic theoretical magnetism investigation. Journal of Materials Chemistry C, 2019, 7, 3623-3633.	2.7	11
87	Dinuclear manganese(III) complexes with bioinspired coordination and variable linkers showing weak exchange effects: a synthetic, structural, spectroscopic and computation study. Dalton Transactions, 2019, 48, 5909-5922.	1.6	10
88	Magneto-structural diversity of Co(II) compounds with 1-benzyylimidazole induced by linear pseudohalide coligands. Inorganic Chemistry Frontiers, 2020, 7, 4535-4552.	3.0	10
89	Polymorphic Derivatives of Ni(II) and Co(II) Mesocates with 3D Networks and $\infty$ Brick and Mortar Structures: Preparation, Structural Characterization, and Cryomagnetic Investigation of New Single-Molecule Magnets. Crystal Growth and Design, 2020, 20, 2462-2476.	1.4	10
90	From Paramagnetic to Single-Molecule Magnet Behaviour in Heterobimetallic Compounds Containing the Tetrakis(thiocyanato- $\mu_4$ N)cobaltate(II) Anion. European Journal of Inorganic Chemistry, 2018, 2018, 816-825.	1.0	9

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91	When Molecular Magnetism Meets Supramolecular Chemistry: Multifunctional and Multiresponsive Dicopper(II) Metallacyclophanes as Proof-of-Concept for Single-Molecule Spintronics and Quantum Computing Technologies?. <i>Magnetochemistry</i> , 2020, 6, 69.	1.0	9
92	Single-ion Magnetic Behaviour in an Iron(III) Porphyrin Complex: A Dichotomy Between High Spin and $S=3/2$ Spin Admixture. <i>Chemistry - A European Journal</i> , 2020, 26, 14242-14251.	1.7	9
93	Zinc(II), cobalt(II) and manganese(II) networks with phosphoserine ligand: synthesis, crystal structures and magnetic and proton conductivity properties. <i>Dalton Transactions</i> , 2017, 46, 16570-16579.	1.6	8
94	Magnetic Molecular Conductors Based on Bis(ethylenedithio)tetrathiafulvalene (BEDT-TTF) and the Tris(chlorocyananilato)ferrate(III) Complex. <i>Inorganic Chemistry</i> , 2019, 58, 15359-15370.	1.9	8
95	Electroswitching of the single-molecule magnet behaviour in an octahedral spin crossover cobalt(II) complex with a redox-active pyridinediimine ligand. <i>Chemical Communications</i> , 2020, 56, 12242-12245.	2.2	8
96	Theoretical design of magnetic wires from acene and nanocorone derivatives. <i>Dalton Transactions</i> , 2016, 45, 16700-16708.	1.6	7
97	Ferromagnetic coupling through the oxalate bridge in heterobimetallic Cr(III)-M(II) (M = Mn and Co) assemblies. <i>Comptes Rendus Chimie</i> , 2019, 22, 452-465.	0.2	7
98	Unexpected formation of a dodecanuclear $\{Co_{16}Cu_{16}\}$ nanowheel under ambient conditions: magneto-structural correlations. <i>Dalton Transactions</i> , 2021, 50, 12430-12434.	1.6	7
99	Field-induced mononuclear cobalt(II) single-molecule magnet (SMM) based on a benzothiadiazole-ortho-vanillin ligand. <i>Dalton Transactions</i> , 2022, 51, 4760-4771.	1.6	7
100	Influence of Xantphos Derivative Ligands on the Coordination in Their Copper(I) and Silver(I) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2982-2989.	1.0	6
101	Magnetic phase transition and magnetic bistability in oxamato-based $CoII CuII$ bimetallic MOF thin films. <i>Polyhedron</i> , 2019, 170, 7-11.	1.0	6
102	Functionalisation of $MoS_2$ 2D layers with diarylethene molecules. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10975-10984.	2.7	6
103	Field-induced single ion magnet behaviour of discrete and one-dimensional complexes containing [bis(1-methylimidazol-2-yl)ketone]-cobalt(II) building units. <i>Dalton Transactions</i> , 2021, 50, 16353-16363.	1.6	6
104	Co-existence of ferro- and antiferromagnetic interactions in a hexanuclear mixed-valence $Co_{II}2Mn_{II}2Mn_{IV}2$ cluster sustained by a multidentate Schiff base ligand. <i>Dalton Transactions</i> , 2019, 48, 11862-11871.	1.6	5
105	Synthesis, structural characterization and electrochemical and magnetic studies of $M(hfac)_2$ (M = $Cu^{II}$ , $Co^{II}$ ) and $Nd(hfac)_3$ complexes of 4-amino-TEMPO. <i>Dalton Transactions</i> , 2020, 49, 6280-6294.	1.6	5
106	Magneto-structural correlations in dirhenium(IV) complexes possessing magnetic pathways with even or odd numbers of atoms. <i>Dalton Transactions</i> , 2017, 46, 11890-11897.	1.6	4
107	From Mononuclear Compounds to $[2 \times 2]$ Metallogrids: Ferromagnetically Coupled Systems Built by Nickel(II) and 3,6-Bis(2-pyridyl)pyridazine (dppn). <i>Crystal Growth and Design</i> , 2020, 20, 6478-6492.	1.4	4
108	X-ray Structure and Magnetic Properties of Heterobimetallic Chains Based on the Use of an Octacyanidodicobalt(III) Complex as Metalloligand. <i>Magnetochemistry</i> , 2020, 6, 66.	1.0	4

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109	Discrete unusual mixed-bridged trinuclear CoII <sub>2</sub> CoIII and pentanuclear NiII coordination complexes supported by a phenolate-based ligand: theoretical and experimental magneto-structural study. <i>New Journal of Chemistry</i> , 2021, 45, 6053-6066.	1.4	4
110	A rare isostructural series of 3d <sup>4</sup> –4f cyanido-bridged heterometallic squares obtained by assembling [Fe <sup>III</sup> ] <sub>3</sub> {HB(pz) <sub>3</sub> }(CN) <sub>3</sub> <sup>+</sup> and Ln <sup>III</sup> ions: synthesis, X-ray structure and cryomagnetic study. <i>Dalton Transactions</i> , 2021, 50, 14640-14652.	1.6	4
111	Trinuclear Cobalt(II) Triple Helicate with a Multidentate Bithiazolebis(oxamate) Ligand as a Supramolecular Nanomagnet. <i>Inorganic Chemistry</i> , 2022, 61, 5696-5700.	1.9	4
112	A Study of the Lack of Slow Magnetic Relaxation in Mononuclear Trigonal Bipyramidal Cobalt(II) Complexes. <i>ChemistrySelect</i> , 2021, 6, 576-582.	0.7	3
113	Holmium(III) Single-Ion Magnet for Cryomagnetic Refrigeration Based on an MRI Contrast Agent Derivative. <i>Inorganic Chemistry</i> , 2021, 60, 12719-12723.	1.9	2
114	Slow magnetic relaxation for cobalt(II) complexes in axial bipyramidal environment: an <i>S</i> = 1/2 spin case. <i>Dalton Transactions</i> , 2022, .	1.6	2
115	Magnetic Properties of a New Hexahalorhenate(IV) Compound and Structural Comparison with Its Hexahaloplatinate(IV) Analog. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2246-2252.	1.0	1
116	Bulky counteranion effects on the crystal packing of anionic dithiooxalato-containing Ni(II), Pd(II) and Pt(II) complexes: spectroscopic redox correlations. <i>CrystEngComm</i> , 2022, 24, 4787-4799.	1.3	1