Joan Cano

List of Publications by Year
in descending order

116 papers	9,611 citations	57631 44 h-index	40881 93 g-index
121 all docs	121 docs citations	121 times ranked	5474 citing authors

#	Article	IF	Citations
1	Field-induced mononuclear cobalt(<scp>ii</scp>) single-molecule magnet (SMM) based on a benzothiadiazole-ortho-vanillin ligand. Dalton Transactions, 2022, 51, 4760-4771.	1.6	7
2	Trinuclear Cobalt(II) Triple Helicate with a Multidentate Bithiazolebis(oxamate) Ligand as a Supramolecular Nanomagnet. Inorganic Chemistry, 2022, 61, 5696-5700.	1.9	4
3	Slow magnetic relaxation for cobalt(<scp>ii</scp>) complexes in axial bipyramidal environment: an S = 1/2 spin case. Dalton Transactions, 2022, , .	1.6	2
4	Bulky countercation effects on the crystal packing of anionic dithiooxalato-containing Ni(<scp>ii</scp>), Pd(<scp>ii</scp>) and Pt(<scp>ii</scp>) complexes: spectroscopicâ€“redox correlations. CrystEngComm, 2022, 24, 4787-4799.	1.3	1
5	Discrete unusual mixed-bridged trinuclear CoIII2CoII and pentanuclear NiII coordination complexes supported by a phenolate-based ligand: theoretical and experimental magneto-structural study. New Journal of Chemistry, 2021, 45, 6053-6066.	1.4	4
6	Field-induced slow magnetic relaxation and magnetocaloric effects in an oxalato-bridged gadolinium(<scp>iii</scp>)-based 2D MOF. Dalton Transactions, 2021, 50, 3801-3805.	1.6	17
7	Unexpected formation of a dodecanuclear {CoII6CuII6} nanowheel under ambient conditions: magneto-structural correlations. Dalton Transactions, 2021, 50, 12430-12434.	1.6	7
8	Functionalisation of MoS₂ 2D layers with diarylethene molecules. Journal of Materials Chemistry C, 2021, 9, 10975-10984.	2.7	6
9	Holmium(III) Single-Ion Magnet for Cryomagnetic Refrigeration Based on an MRI Contrast Agent Derivative. Inorganic Chemistry, 2021, 60, 12719-12723.	1.9	2
10	A rare isostructural series of 3dâ€“4f cyanido-bridged heterometallic squares obtained by assembling [Fe^{III}{HB(pz)₃}(CN)₃]^{â^'} and Ln^{III} ions: synthesis, X-ray structure and cryomagnetic study. Dalton Transactions, 2021, 50, 14640-14652.	1.6	4
11	A Study of the Lack of Slow Magnetic Relaxation in Mononuclear Trigonal Bipyramidal Cobalt(II) Complexes. ChemistrySelect, 2021, 6, 576-582.	0.7	3
12	Field-induced single ion magnet behaviour of discrete and one-dimensional complexes containing [bis(1-methylimidazol-2-yl)ketone]-cobalt(<scp>ii</scp>) building units. Dalton Transactions, 2021, 50, 16353-16363.	1.6	6
13	Magneto-structural diversity of Co(<scp>ii</scp>) compounds with 1-benzylimidazole induced by linear pseudohalide coligands. Inorganic Chemistry Frontiers, 2020, 7, 4535-4552.	3.0	10
14	Electroswitching of the single-molecule magnet behaviour in an octahedral spin crossover cobalt(<scp>ii</scp>) complex with a redox-active pyridinediimine ligand. Chemical Communications, 2020, 56, 12242-12245.	2.2	8
15	From Mononuclear Compounds to [2 Ã— 2] Metallogrids: Ferromagnetically Coupled Systems Built by Nickel(II) and 3,6-Bis(2â€²-pyridyl)pyridazine (dppn). Crystal Growth and Design, 2020, 20, 6478-6492.	1.4	4
16	When Molecular Magnetism Meets Supramolecular Chemistry: Multifunctional and Multiresponsive Dicopper(II) Metallacyclophanes as Proof-of-Concept for Single-Molecule Spintronics and Quantum Computing Technologies?. Magnetochemistry, 2020, 6, 69.	1.0	9
17	X-ray Structure and Magnetic Properties of Heterobimetallic Chains Based on the Use of an Octacyanidodicobalt(III) Complex as Metalloligand. Magnetochemistry, 2020, 6, 66.	1.0	4
18	Field-induced slow magnetic relaxation in mixed valence di- and tri-nuclear Co^{II}â€“Co^{III} complexes. Dalton Transactions, 2020, 49, 9516-9528.	1.6	14

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19	Magnetic Properties of a New Hexahalorhenate(IV) Compound and Structural Comparison with Its Hexahaloplatinate(IV) Analog. European Journal of Inorganic Chemistry, 2020, 2020, 2246-2252.	1.0	1
20	Singleâ€Ion Magnetic Behaviour in an Iron(III) Porphyrin Complex: A Dichotomy Between High Spin and 5/2â€“3/2 Spin Admixture. Chemistry - A European Journal, 2020, 26, 14242-14251.	1.7	9
21	Polymorphic Derivatives of Ni^{II} and Co^{II} Mesocates with 3D Networks and â€œBrick and Mortarâ€•Structures: Preparation, Structural Characterization, and Cryomagnetic Investigation of New Single-Molecule Magnets. Crystal Growth and Design, 2020, 20, 2462-2476.	1.4	10
22	Incorporation of Cr^{III} into a Keggin Polyoxometalate as a Chemical Strategy to Stabilize a Labile {Cr^{III}O₄} Tetrahedral Conformation and Promote Unattended Single-Ion Magnet Properties. Journal of the American Chemical Society, 2020, 142, 3336-3339.	6.6	32
23	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
24	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. Dalton Transactions, 2020, 49, 6280-6294.	1.6	5
25	Co-existence of ferro- and antiferromagnetic interactions in a hexanuclear mixed-valence CoIII2MnII2MnIV2 cluster sustained by a multidentate Schiff base ligand. Dalton Transactions, 2019, 48, 11862-11871.	1.6	5
26	Influence of the pyrazine substituent on the structure and magnetic properties of dicyanamide-bridged cobalt(<scp>ii</scp>) complexes. Dalton Transactions, 2019, 48, 17266-17280.	1.6	14
27	Magnetic Molecular Conductors Based on Bis(ethylenedithio)tetrathiafulvalene (BEDT-TTF) and the Tris(chlorocyananilato)ferrate(III) Complex. Inorganic Chemistry, 2019, 58, 15359-15370.	1.9	8
28	Field-induced slow magnetic relaxation in pseudooctahedral cobalt(<scp>ii</scp>) complexes with positive axial and large rhombic anisotropy. Dalton Transactions, 2019, 48, 1404-1417.	1.6	36
29	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
30	Deciphering the Electroluminescence Behavior of Silver(I)â€Complexes in Lightâ€Emitting Electrochemical Cells: Limitations and Solutions toward Highly Stable Devices. Advanced Functional Materials, 2019, 29, 1901797.	7.8	25
31	Influence of Xantphos Derivative Ligands on the Coordination in Their Copper(I) and Silver(I) Complexes. European Journal of Inorganic Chemistry, 2019, 2019, 2982-2989.	1.0	6
32	Magnetic phase transition and magnetic bistability in oxamato-based CoIICuII bimetallic MOF thin films. Polyhedron, 2019, 170, 7-11.	1.0	6
33	Photoluminescent Cu(<scp>i</scp>) vs. Ag(<scp>i</scp>) complexes: slowing down emission in Cu(<scp>i</scp>) complexes by pentacoordinate low-lying excited states. Dalton Transactions, 2019, 48, 9765-9775.	1.6	16
34	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
35	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.	3.0	50
36	Coligand Effects on the Field-Induced Double Slow Magnetic Relaxation in Six-Coordinate Cobalt(II) Single-Ion Magnets (SIMs) with Positive Magnetic Anisotropy. Inorganic Chemistry, 2019, 58, 15726-15740.	1.9	35

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37	Ferromagnetic coupling through the oxalate bridge in heterobimetallic Cr(III)â€“M(II) (M = Mn and Co) assemblies. Comptes Rendus Chimie, 2019, 22, 452-465.	0.2	7
38	The influence of pseudohalide ligands on the SIM behaviour of four-coordinate benzylimidazole-containing cobalt(<scp>ii</scp>) complexes. Dalton Transactions, 2018, 47, 5831-5842.	1.6	17
39	From Paramagnetic to Single-Molecule Magnet Behaviour in Heterobimetallic Compounds Containing the Tetrakis(thiocyanato-ºN)cobaltate(II) Anion. European Journal of Inorganic Chemistry, 2018, 2018, 816-825.	1.0	9
40	Three different types of bridging ligands in a 3dâ€“3dâ€²â€“3dâ€²â€² heterotrimetallic chain. Dalton Transactions, 2018, 47, 1010-1013.	1.6	16
41	Design of Magnetic Coordination Polymers Built from Polyoxalamide Ligands: A Thirty Year Story. European Journal of Inorganic Chemistry, 2018, 2018, 228-247.	1.0	44
42	Cytosine Nucleobase Ligand: A Suitable Choice for Modulating Magnetic Anisotropy in Tetrahedrally Coordinated Mononuclear Co^{II} Compounds. Inorganic Chemistry, 2017, 56, 1857-1864.	1.9	34
43	Photoluminescent and Slow Magnetic Relaxation Studies on Lanthanide(III)-2,5-pyrazinedicarboxylate Frameworks. Inorganic Chemistry, 2017, 56, 2108-2123.	1.9	49
44	Molecular magnetism, quo vadis? A historical perspective from a coordination chemist viewpointâ˜†. Coordination Chemistry Reviews, 2017, 339, 17-103.	9.5	279
45	Reversible solvatomagnetic switching in a single-ion magnet from an entatic state. Chemical Science, 2017, 8, 3694-3702.	3.7	67
46	Ïƒ-Hammett parameter: a strategy to enhance both photo- and electro-luminescence features of heteroleptic copper(<scp>i</scp>) complexes. Dalton Transactions, 2017, 46, 6312-6323.	1.6	51
47	Singleâ€Ion Magnetic Behavior in Co^{II}â€“Co^{III} Mixedâ€Valence Dinuclear and Pseudodinuclear Complexes. European Journal of Inorganic Chemistry, 2017, 2017, 2585-2594.	1.0	37
48	Magneto-structural correlations in dirhenium(iv) complexes possessing magnetic pathways with even or odd numbers of atoms. Dalton Transactions, 2017, 46, 11890-11897.	1.6	4
49	A five-coordinate manganese(<scp>iii</scp>) complex of a salen type ligand with a positive axial anisotropy parameter D. Dalton Transactions, 2017, 46, 11817-11829.	1.6	20
50	Zinc(<scp>ii</scp>), cobalt(<scp>ii</scp>) and manganese(<scp>ii</scp>) networks with phosphoserine ligand: synthesis, crystal structures and magnetic and proton conductivity properties. Dalton Transactions, 2017, 46, 16570-16579.	1.6	8
51	Magneto-structural correlations in a family of Re^{IV}Cu^{II} chains based on the hexachlororhenate(<scp>iv</scp>) metalloligand. Dalton Transactions, 2017, 46, 16025-16033.	1.6	13
52	Solidâ€State Molecular Nanomagnet Inclusion into a Magnetic Metalâ€Organic Framework: Interplay of the Magnetic Properties. Chemistry - A European Journal, 2016, 22, 539-545.	1.7	61
53	Pressure induced enhancement of the magnetic ordering temperature in rhenium(IV) monomers. Nature Communications, 2016, 7, 13870.	5.8	30
54	Single-ion magnet behaviour in mononuclear and two-dimensional dicyanamide-containing cobalt(<scp>ii</scp>) complexes. Dalton Transactions, 2016, 45, 10181-10193.	1.6	60

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55	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. Inorganic Chemistry, 2016, 55, 8502-8513.	1.9	72
56	Theoretical design of magnetic wires from acene and nanocorone derivatives. Dalton Transactions, 2016, 45, 16700-16708.	1.6	7
57	Guest-dependent single-ion magnet behaviour in a cobalt(<scp>ii</scp>) metalâ€“organic framework. Chemical Science, 2016, 7, 2286-2293.	3.7	110
58	Dicopper(II) Metallacyclophanes with N,Nâ€²-2,6-Pyridinebis(oxamate): Solution Study, Synthesis, Crystal Structures, and Magnetic Properties. Inorganic Chemistry, 2016, 55, 2390-2401.	1.9	16
59	Magneto-structural versatility of copper(<scp>ii</scp>)-3-phenylpropionate coordination polymers with N-donor coligands. Dalton Transactions, 2016, 45, 172-189.	1.6	31
60	Fieldâ€Induced Slow Magnetic Relaxation in a Mononuclear Manganese(III)â€“Porphyrin Complex. Chemistry - A European Journal, 2015, 21, 17299-17307.	1.7	50
61	A heterobimetallic [MnII5CuII5] nanowheel modulated by a flexible bis-oxamate type ligand. Dalton Transactions, 2015, 44, 10939-10942.	1.6	15
62	Towards a better understanding of honeycomb alternating magnetic networks. Dalton Transactions, 2015, 44, 11040-11051.	1.6	26
63	Metallosupramolecular approach toward multifunctional magnetic devices for molecular spintronics. Coordination Chemistry Reviews, 2015, 303, 110-138.	9.5	64
64	Dicopper(II) Metallacyclophanes as Multifunctional Magnetic Devices: A Joint Experimental and Computational Study. Accounts of Chemical Research, 2015, 48, 510-520.	7.6	58
65	Heterotrimetallic Coordination Polymers: {Cu^{II}Ln^{III}Fe^{III}} Chains and {Ni^{II}Ln^{III}Fe^{III}} Layers: Synthesis, Crystal Structures, and Magnetic Properties. Chemistry - A European Journal, 2015, 21, 5429-5446.	1.7	71
66	Cation Exchange in Dynamic 3D Porous Magnets: Improvement of the Physical Properties. Inorganic Chemistry, 2015, 54, 10834-10840.	1.9	20
67	Syntheses, Crystal Structures, and Magnetic Properties of Metalâ€“Organic Hybrid Materials of Mn(II)/Co(II): Three-Fold Interpenetrated Î±-Polonium-like Network in One of Them. Crystal Growth and Design, 2014, 14, 3276-3285.	1.4	34
68	Slow Magnetic Relaxation in a Co^{II}â€“Y^{III} Singleâ€Ion Magnet with Positive Axial Zeroâ€Field Splitting. Angewandte Chemie - International Edition, 2013, 52, 9130-9134.	7.2	266
69	A Two-Dimensional Oxamate- and Oxalate-Bridged Cu^{II}Mn^{II} Motif: Crystal Structure and Magnetic Properties of (Bu₄N)₂[Mn₂{Cu(opba)}₂ox]. Inorganic Chemistry, 2013, 52, 8812-8819.	1.9	28
70	A pH-triggered bistable copper(ii) metallacycle as a reversible emulsion switch for biphasic processes. Chemical Communications, 2013, 49, 10778.	2.2	38
71	Highly Anisotropic Rhenium(IV) Complexes: New Examples of Mononuclear Single-Molecule Magnets. Journal of the American Chemical Society, 2013, 135, 13737-13748.	6.6	101
72	Fieldâ€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

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73	Self-assembly, metal binding ability, and magnetic properties of dinickel(ii) and dicobalt(ii) triple mesocates. CrystEngComm, 2012, 14, 5639.	1.3	14
74	Redox switching of the antiferromagnetic coupling in permethylated dicopper(ii) paracyclophanes. Chemical Communications, 2012, 48, 8401.	2.2	22
75	Ligand effects on the dimensionality of oxamato-bridged mixed-metal open-framework magnets. Chemical Communications, 2012, 48, 3539.	2.2	15
76	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
77	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.	6.6	109
78	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.	1.7	86
79	Photoswitching of the antiferromagnetic coupling in an oxamato-based dicopper(ii) anthracenophane. Chemical Communications, 2011, 47, 11035.	2.2	39
80	Spin Control in Oxamato-Based Manganese(II)â€“Copper(II) Coordination Polymers with Brick-Wall Layer Architectures. Inorganic Chemistry, 2011, 50, 8694-8696.	1.9	33
81	Supramolecular coordination chemistry of aromatic polyoxalamide ligands: A metallosupramolecular approach toward functional magnetic materials. Coordination Chemistry Reviews, 2010, 254, 2281-2296.	9.5	178
82	Oligoâ€mâ€phenyleneoxalamide Copper(II) Mesocates as Electroâ€Switchable Ferromagnetic Metalâ€“Organic Wires. Chemistry - A European Journal, 2010, 16, 12838-12851.	1.7	30
83	Magnetic coupling in discrete cyano-bridged MnIII-FeII motifs: Synthesis, crystal structure, magnetic properties and theoretical study. Dalton Transactions, 2010, 39, 5028.	1.6	39
84	Study of the Influence of the Bridge on the Magnetic Coupling in Cobalt(II) Complexes. Inorganic Chemistry, 2009, 48, 11342-11351.	1.9	81
85	Exchange Interactions in Azido-Bridged Ligand Ni^{II} Complexes: A Theoretical Analysis. Inorganic Chemistry, 2009, 48, 3139-3144.	1.9	38
86	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.	6.6	39
87	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.	1.9	22
88	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.	7.2	41
89	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.	1.2	49
90	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

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91	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.	6.6	64
92	Ligand design for multidimensional magnetic materials: a metallosupramolecular perspective. Dalton Transactions, 2008, , 2780.	1.6	244
93	Pentachloro(pyrazine)rhenate(iv) complex as precursor of heterobimetallic pyrazine-containing ReIV2MII (M = Ni, Cu) species: synthesis, crystal structures and magnetic properties. Dalton Transactions, 2008, , 4585.	1.6	32
94	Can large magnetic anisotropy and high spin really coexist?. Chemical Communications, 2008, , 52-54.	2.2	215
95	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.	1.2	14
96	Structural and Magnetic Diversity in Cyano-Bridged Bi- and Trimetallic Complexes Assembled from Cyanometalates and [M(rac-CTH)]n+Building Blocks (CTH) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (=d,l-5,5,7,12,12,14-Hexamethy 10537-10551.	1.9	59
97	Trans-dicyanobis(acetylacetonato)ruthenate(III) as a precursor to build novel cyanide-bridged RuIIIâ€“MII bimetallic compounds [M=Co and Ni]. Coordination Chemistry Reviews, 2006, 250, 2176-2193.	9.5	73
98	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
99	Synthesis and X-ray Structure of the MnIICl2and MnIIIF2Complexes ofN,Nâ€˜-Dimethyl-2,11-diaza[3,3](2,6)pyridinophane. High-Field Electron Paramagnetic Resonance and Density Funtional Theory Studies of the Mn(III) Complex. Evidence for a Low-Lying Spin Triplet State. Inorganic Chemistry, 2005, 44, 6959-6966.	1.9	34
100	Magnetic Anisotropy of a High-Spin Octanuclear Nickel(II) Complex with ameso-Helicate Core. Inorganic Chemistry, 2004, 43, 7594-7596.	1.9	41
101	About the calculation of exchange coupling constants in polynuclear transition metal complexes. Journal of Computational Chemistry, 2003, 24, 982-989.	1.5	472
102	Synthesis, Crystal Structure, Magnetic Properties, and Theoretical Studies of [{Cu(mepirizole)Br}2(Î¼-OH)(Î¼-pz)] (Mepirizole =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (4-Methoxy-2-(5-methoxy-3-methyl-1H Î¼-Pyrazolatoâ^'Î¼-Hydroxo-Dibridged Copper(II) Complex. Inorganic Chemistry, 2003, 42, 8328-8336.	1.9	39
103	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.	6.6	103
104	Strong Ferromagnetic Coupling in Linear Mixed Î¼-Acetato, Î¼-Hydroxo Trinuclear Copper(II) Complexes withN-sulfonamide derivatives â^' Synthesis, Structure, EPR and Magnetic Properties. European Journal of Inorganic Chemistry, 2002, 2002, 2094-2102.	1.0	61
105	Ferromagnetic Coupling through Spin Polarization in a Dinuclear Copper(II) Metallacyclophane. Angewandte Chemie - International Edition, 2001, 40, 3039-3042.	7.2	150
106	Asymmetry and Magnetism in Bis(oximato)-Bridged Heterobimetallic Compounds: A Computational Approach. Chemistry - A European Journal, 2000, 6, 327-333.	1.7	41
107	Synthesis, Structural Characterization, and Monte Carlo Simulation of the Magnetic Properties of Two New Alternating MnIIAzide 2-D Honeycombs. Study of the Ferromagnetic Ordered Phase below 20 K. Inorganic Chemistry, 2000, 39, 4688-4695.	1.9	79
108	Magnetic Coupling in End-to-End Azido-Bridged Copper and Nickel Binuclear Complexes:Â A Theoretical Study. Inorganic Chemistry, 2000, 39, 3221-3229.	1.9	152

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109	Synthesis Crystal Structure and Magnetic Properties of the Trinuclear Nickel(II) Complex Bis[(Î¼-thiocyanato-N)bis(Î¼-pyridazine-N1,N2)bis(thiocyanato-N)(pyridazine-N1)nickel(II)-N,N1,N1â€¯]nickel(II). Inorganic Chemistry, 2000, 39, 1611-1614.	1.9	44
110	Countercomplementarity and Strong Ferromagnetic Coupling in a Linear Mixed Î¼-Acetato, Î¼-Hydroxo Trinuclear Copper(II) Complex. Synthesis, Structure, Magnetic Properties, EPR, and Theoretical Studies. Inorganic Chemistry, 2000, 39, 3608-3614.	1.9	119
111	Broken symmetry approach to calculation of exchange coupling constants for homobinuclear and heterobinuclear transition metal complexes. , 1999, 20, 1391-1400.		836
112	Synthesis, Crystal Structure, and Magnetic Properties of Tetraphenylarsonium Tetrachloro(oxalato)rhenate(IV) and Bis(2,2â€¯-bipyridine)tetrachloro(Î¼-oxalato)copper(II)rhenium(IV). Inorganic Chemistry, 1999, 38, 4745-4752.	1.9	111
113	Exchange Coupling in Oxalato-Bridged Copper(II) Binuclear Compounds: A Density Functional Study. Chemistry - A European Journal, 1998, 4, 476-484.	1.7	197
114	Magnetic Coupling in End-On Azido-Bridged Transition Metal Complexes:Â A Density Functional Study. Journal of the American Chemical Society, 1998, 120, 11122-11129.	6.6	676
115	Toward the Prediction of Magnetic Coupling in Molecular Systems:â€‰ Hydroxo- and Alkoxo-Bridged Cu(II) Binuclear Complexes. Journal of the American Chemical Society, 1997, 119, 1297-1303.	6.6	816
116	Structural Modeling and Magnetoâ^'Structural Correlations for Hydroxo-Bridged Copper(II) Binuclear Complexes. Inorganic Chemistry, 1997, 36, 3683-3688.	1.9	386