

M Carmen Muñoz

List of Publications by Year in descending order

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25031

57
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37202

96
g-index

230
all docs

230
docs citations

230
times ranked

5838
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal, pressure and light switchable spin-crossover materials. Dalton Transactions, 2005, , 2062.	3.3	650
2	Bidirectional Chemo-switching of Spin State in a Microporous Framework. Angewandte Chemie - International Edition, 2009, 48, 4767-4771.	13.8	474
3	Cooperative Spin Crossover Behavior in Cyanide-Bridged Fe(II)-M(II) Bimetallic 3D Hofmann-like Networks (M = Ni, Pd, and Pt). Inorganic Chemistry, 2001, 40, 3838-3839.	4.0	463
4	Thermo-, piezo-, photo- and chemo-switchable spin crossover iron(II)-metallocyanate based coordination polymers. Coordination Chemistry Reviews, 2011, 255, 2068-2093.	18.8	404
5	Crystalline-State Reaction with Allosteric Effect in Spin-Crossover, Interpenetrated Networks with Magnetic and Optical Bistability. Angewandte Chemie - International Edition, 2003, 42, 3760-3763.	13.8	354
6	Spin Crossover in 1D, 2D and 3D Polymeric Fe(II) Networks. Topics in Current Chemistry, 2004, , 229-257.	4.0	238
7	Precise Control and Consecutive Modulation of Spin Transition Temperature Using Chemical Migration in Porous Coordination Polymers. Journal of the American Chemical Society, 2011, 133, 8600-8605.	13.7	191
8	Thermal-, Pressure-, and Light-Induced Spin Transition in Novel Cyanide-Bridged FeIIbAgI Bimetallic Compounds with Three-Dimensional Interpenetrating Double Structures {FeIIx[Ag(CN)2]2}·nG. Chemistry - A European Journal, 2002, 8, 2446.	3.3	164
9	Oxidative Addition of Halogens on Open Metal Sites in a Microporous Spin-crossover Coordination Polymer. Angewandte Chemie - International Edition, 2009, 48, 8944-8947.	13.8	164
10	Thermal and Light-Induced Spin Crossover Phenomena in New 3D Hofmann-Like Microporous Metalorganic Frameworks Produced As Bulk Materials and Nanopatterned Thin Films. Chemistry of Materials, 2008, 20, 6721-6732.	6.7	152
11	Ferromagnetic Coupling through Spin Polarization in a Dinuclear Copper(II) Metallacyclophane. Angewandte Chemie - International Edition, 2001, 40, 3039-3042.	13.8	150
12	Synergy between Spin Crossover and Metallophilicity in Triple Interpenetrated 3D Nets with the NbO Structure Type. Journal of the American Chemical Society, 2003, 125, 14224-14225.	13.7	149
13	Spin Crossover in Novel Dihydrobis(1-pyrazolyl)borate [H2B(pz)2]-Containing Iron(II) Complexes. Synthesis, X-ray Structure, and Magnetic Properties of [FeL{H2B(pz)2}2] (L = 1,10-Phenanthroline and) Tj ETQq1 140784314 132BT /O	4.0	131
14	Light- and Thermal-Induced Spin Crossover in {Fe(abpt)2[N(CN)2]2}. Synthesis, Structure, Magnetic Properties, and High-Spin to Low-Spin Relaxation Studies. Inorganic Chemistry, 2001, 40, 3986-3991.	4.0	131
15	Dinuclear iron(ii) spin crossover compounds: singular molecular materials for electronics. Journal of Materials Chemistry, 2006, 16, 2522-2533.	6.7	128
16	Organocatalytic Asymmetric Addition of Naphthols and Electron-Rich Phenols to Isatin-Derived Ketimines: Highly Enantioselective Construction of Tetrasubstituted Stereocenters. Angewandte Chemie - International Edition, 2015, 54, 6320-6324.	13.8	127
17	Thermal- and Photoinduced Spin-State Switching in an Unprecedented Three-Dimensional Bimetallic Coordination Polymer. Chemistry - A European Journal, 2005, 11, 2047-2060.	3.3	126
18	Crystal structure and magnetic properties of bis(isothiocyanato)bis(pyrazine)iron polymer, a 2D sheetlike polymer. Inorganic Chemistry, 1991, 30, 2701-2704.	4.0	118

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19	A Switchable Molecular Rotator: Neutron Spectroscopy Study on a Polymeric Spin-Crossover Compound. <i>Journal of the American Chemical Society</i> , 2012, 134, 5083-5089.	13.7	118
20	Synthesis and Characterisation of a New Series of Bistable Iron(II) Spin-Crossover 2D Metal-Organic Frameworks. <i>Chemistry - A European Journal</i> , 2009, 15, 10960-10971.	3.3	114
21	Metal Dilution Effects on the Spin-Crossover Properties of the Three-Dimensional Coordination Polymer Fe(pyrazine)[Pt(CN) ₄]. <i>Journal of Physical Chemistry B</i> , 2005, 109, 14859-14867.	2.6	109
22	Enhanced bistability by guest inclusion in Fe(II) spin crossover porous coordination polymers. <i>Chemical Communications</i> , 2012, 48, 4686.	4.1	107
23	Synergetic Effect of Host-Guest Chemistry and Spin Crossover in 3D Hofmann-like Metal-Organic Frameworks [Fe(bpac) ₄](M) (M=Pt, Pd, Ni). <i>Chemistry - A European Journal</i> , 2012, 18, 507-516.	3.3	107
24	Thermal and Optical Switching of Molecular Spin States in the {[FeL(H ₂ B(pz) ₂) ₂] Spin-Crossover System (L = bpy, phen)}. <i>Journal of Physical Chemistry B</i> , 2002, 106, 4276-4283.	2.6	105
25	Long-Range Magnetic Coupling through Extended π -Conjugated Aromatic Bridges in Dinuclear Copper(II) Metallacyclophanes. <i>Journal of the American Chemical Society</i> , 2003, 125, 10770-10771.	13.7	103
26	Spin-Crossover Behavior in Cyanide-bridged Iron(II)-Gold(I) Bimetallic 2D Hofmann-like Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2008, 47, 2552-2561.	4.0	103
27	Spin Crossover Bistability in Three Mutually Perpendicular Interpenetrated (4,4) Nets. <i>Inorganic Chemistry</i> , 2000, 39, 5390-5393.	4.0	101
28	Supramolecular isomerism in spin crossover networks with aurophilic interactions. <i>Chemical Communications</i> , 2004, , 2268-2269.	4.1	100
29	Polymorphism and Pressure Driven Thermal Spin Crossover Phenomenon in [Fe(abpt) ₂ (NCX) ₂] (X = S, Tj ETQq1.1.0.784314 rgBT / Ov	1.8	96
30	Solid- and Solution-State Studies of the Novel 1/4-Dicyanamide-Bridged Dinuclear Spin-Crossover System		

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37	Spin-Crossover Behavior in Cyanide-Bridged Iron(II)-Silver(I) Bimetallic 2D Hofmann-like Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2007, 46, 8182-8192.	4.0	83
38	Influence of the Counterion and the Solvent Molecules in the Spin Crossover System [Co(4-terpyridone) ₂] \cdot nH ₂ O. <i>Inorganic Chemistry</i> , 2006, 45, 4413-4422.	4.0	82
39	Bipyrimidine-Bridged Dinuclear Iron(II) Spin Crossover Compounds. <i>Topics in Current Chemistry</i> , 2004, , 167-193.	4.0	81
40	Cooperative Spin Transition in the Two-Dimensional Coordination Polymer [Fe(4,4'-bipyridine) ₂ (NCX) ₂] \cdot 4CHCl ₃ (X = S, Se). <i>Inorganic Chemistry</i> , 2011, 50, 10633-10642.	4.0	79
41	Symmetry Breaking in Iron(II) Spin-Crossover Molecular Crystals. <i>Magnetochemistry</i> , 2016, 2, 16.	2.4	78
42	Sequestering Aromatic Molecules with a Spin-Crossover Fe ^{II} Microporous Coordination Polymer. <i>Chemistry - A European Journal</i> , 2012, 18, 8013-8018.	3.3	74
43	Unprecedented Multi-Stable Spin Crossover Molecular Material with Two Thermal Memory Channels. <i>Chemistry - A European Journal</i> , 2013, 19, 6591-6596.	3.3	74
44	Reversible Chemisorption of Sulfur Dioxide in a Spin Crossover Porous Coordination Polymer. <i>Inorganic Chemistry</i> , 2013, 52, 12777-12783.	4.0	72
45	Spin Crossover Behavior in the Iron(II)-2-pyridyl[1,2,3]triazolo[1,5-a]pyridine System: X-ray Structure, Calorimetric, Magnetic, and Photomagnetic Studies. <i>Inorganic Chemistry</i> , 2003, 42, 4782-4788.	4.0	70
46	Organocatalytic Enantioselective Friedel-Crafts Aminoalkylation of Indoles in the Carbocyclic Ring. <i>ACS Catalysis</i> , 2016, 6, 2689-2693.	11.2	70
47	Synthesis of Functionalized Indoles with a Trifluoromethyl-Substituted Stereogenic Tertiary Carbon Atom Through an Enantioselective Friedel-Crafts Alkylation with β -Trifluoromethyl- β -ketoenones. <i>Chemistry - A European Journal</i> , 2010, 16, 9117-9122.		68
48	spin-Crossover Behavior in the Fe(tap) ₂ (NCS) ₂ \cdot nCH ₃ CN System (tap =) <i>Inorganic Chemistry</i> , 1994, 33, 3587-3594.	4.0	65
49	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.	13.7	64
50	Polynuclear Spin Crossover Complexes: Synthesis, Structure, and Magnetic Behavior of <i>Inorganic Chemistry</i> , 2009, 48, 3710-3719.	4.0	64
51	Bipyrimidine-Bridged Dinuclear Iron(II) Spin Crossover Compounds. <i>ChemInform</i> , 2005, 36, no.	0.0	63
52	Synthesis, structure, spectroscopy and redox chemistry of square-planar nickel(II) complexes with tetradentate o-phenylenedioxamidates and related ligands. <i>Dalton Transactions</i> , 2005, , 2516.	3.3	62
53	Cooperative thermal and optical switching of spin states in a new two-dimensional coordination polymer. <i>Chemical Communications</i> , 2003, , 1248-1249.	4.1	61
54	Thermal- and Pressure-Induced Cooperative Spin Transition in the 2D and 3D Coordination Polymers {Fe(5-Br-pmd) ₂ [M(CN) _x] _y } (M =) <i>Inorganic Chemistry</i> , 2007, 46, 9646-9654.	4.0	61

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55	Architectural Isomerism in the Three-Dimensional Polymeric Spin Crossover System {Fe(pmd) ₂ [Ag(CN) ₂] ₂ }: Synthesis, Structure, Magnetic Properties, and Calorimetric Studies. <i>Inorganic Chemistry</i> , 2005, 44, 8749-8755.	4.0	59
56	Thermo- and photo-modulation of exciplex fluorescence in a 3D spin crossover Hofmann-type coordination polymer. <i>Chemical Science</i> , 2018, 9, 8446-8452.	7.4	59
57	Variation of the exchange interaction in oximato-bridged Cu(II) dimers (M ^{II} →Cu, Ni, Mn). Crystal structure of [Cu(pdmg)Cu(bipy)(H ₂ O) ₂] (ClO ₄) ₂ ·H ₂ O. <i>Inorganica Chimica Acta</i> , 1994, 219, 179-186.	2.4	58
58	Oximato complexes. Part 1. Solution study, synthesis, structure, spectroscopic and magnetic properties of polynuclear copper(II) complexes containing dimethylglyoxime. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 1623-1628.	1.1	57
59	Guest Modulation of Spin Crossover Transition Temperature in a Porous Iron(II) Metal-Organic Framework: Experimental and Periodic DFT Studies. <i>Chemistry - A European Journal</i> , 2014, 20, 12864-12873.	3.3	55
60	Guest Induced Strong Cooperative One- and Two-Step Spin Transitions in Highly Porous Iron(II) Hofmann-Type Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2017, 56, 7038-7047.	4.0	55
61	Mass Effect on the Equienergetic High-Spin/Low-Spin States of Spin-Crossover in 4,4'-Bipyridine-Bridged Iron(II) Polymeric Compounds: Synthesis, Structure, and Magnetic, Mössbauer, and Theoretical Studies. <i>Inorganic Chemistry</i> , 2002, 41, 6997-7005.	4.0	54
62	Coordination polymers undergoing spin crossover and reversible ligand exchange in the solid. <i>Chemical Communications</i> , 2006, , 4321-4323.	4.1	53
63	Pressure Effect and Crystal Structure Reinvestigations on the Spin Crossover System: [Fe(bt) ₂ (NCS) ₂] (bt = 2,2'-Bithiazoline) Polymorphs A and B. <i>Inorganic Chemistry</i> , 2006, 45, 9670-9679.	4.0	52
64	Meltable Spin Transition Molecular Materials with Tunable T_c and Hysteresis Loop Width. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14777-14781.	13.8	52
65	Organocatalytic Enantioselective Alkylation of Pyrazolones with Isatin-Derived Ketimines: Stereocontrolled Construction of Vicinal Tetrasubstituted Stereocenters. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1583-1588.	4.3	52
66	Alkane oxidation by a carboxylate-bridged dimanganese(III) complex. <i>Chemical Communications</i> , 2001, , 2102-2103.	4.1	50
67	Strong Cooperative Spin Crossover in 2D and 3D Fe(II) Hofmann-Like Coordination Polymers Based on 2-Fluoropyrazine. <i>Inorganic Chemistry</i> , 2016, 55, 10654-10665.	4.0	50
68	Rational design of a new class of heterobimetallic molecule-based magnets: Synthesis, crystal structures, and magnetic properties of oxamato-bridged (M ^{II} =LiI and MnII; M=NiII and CoII) open-frameworks with a three-dimensional honeycomb architecture. <i>Inorganica Chimica Acta</i> , 2008, 361, 3394-3402.	2.4	49
69	Spin-Crossover Behavior in Cyanide-Bridged Iron(II)-Copper(I) Bimetallic 3D Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2009, 48, 3371-3381.	4.0	49
70	Highly Enantioselective Nitron Cycloadditions with 2-Alkenoyl Pyridine N-Oxides Catalyzed by Cu(II)-BOX Complexes. <i>Organic Letters</i> , 2011, 13, 402-405.	4.6	49
71	Ferromagnetic Coupling between Copper(II) Centers through the Diamagnetic Zinc(II) Ion: Crystal Structure and Magnetic Properties of [Cu ₂ Zn(Hdmg) ₂ (dmg) ₂ (H ₂ O)]·0.5H ₂ O (H ₂ dmg =) <i>Tj ETQq1 1 0.780314 rg87 /Overlo</i>	4.1	47
72	Two- and one-step cooperative spin transitions in Hofmann-like clathrates with enhanced loading capacity. <i>Chemical Communications</i> , 2014, 50, 1833-1835.	4.1	47

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73	Oximato complexes. Part 2. Dinuclear dimethylglyoximato complexes of copper(II) with a new co-ordination mode of the oximate ligand. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 3035-3039.	1.1	46
74	Polymorphism and "reverse" spin transition in the spin crossover system [Co(4-terpyridone) ₂](CF ₃ SO ₃) ₂ ·H ₂ O. <i>New Journal of Chemistry</i> , 2009, 33, 1262.	2.8	45
75	Hydroxy-Directed Enantioselective Hydroxyalkylation in the Carbocyclic Ring of Indoles. <i>Organic Letters</i> , 2017, 19, 1546-1549.	4.6	45
76	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. <i>Journal of Molecular Catalysis A</i> , 2006, 250, 20-26.	4.8	44
77	Discrimination between two memory channels by molecular alloying in a doubly bistable spin crossover material. <i>Chemical Science</i> , 2019, 10, 3807-3816.	7.4	44
78	A Combination of Visible-Light Organophotoredox Catalysis and Asymmetric Organocatalysis for the Enantioselective Mannich Reaction of Dihydroquinoxalinones with Ketones. <i>Organic Letters</i> , 2019, 21, 6011-6015.	4.6	43
79	[Cr(dpa)(ox) ₂] ⁺ : a new bis-oxalato building block for the design of heteropolymetallic systems. Crystal structures and magnetic properties of PPh ₄ [Cr(dpa)(ox) ₂], AsPh ₄ [Cr(dpa)(ox) ₂], Hdpa[Cr(dpa)(ox) ₂] ⁺ ·4H ₂ O, Rad[Cr(dpa)(ox) ₂] ⁺ ·H ₂ O and Sr[Cr(dpa)(ox) ₂] ⁺ ·8H ₂ O (dpa = 2,2'-dipyridylamine). <i>New Journal of Chemistry</i> , 2001, 25, 1224-1235.	2.8	42
80	Highly Enantio- and Diastereoselective Inverse Electron Demand Hetero-Diels-Alder Reaction using 2-Alkenylpyridine <i>N</i> -Oxides as <i>Oxo</i> -Heterodienes. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 107-111.	4.3	42
81	Enantioselective Synthesis of 4-Substituted Dihydrocoumarins through a Zinc Bis(hydroxyamide)-Catalyzed Conjugate Addition of Terminal Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1071-1076.	4.3	42
82	Spin Crossover Star-Shaped Metallomesogens of Iron(II). <i>Inorganic Chemistry</i> , 2014, 53, 8442-8454.	4.0	42
83	A Square-Planar Dinickel(II) Complex with a Noninnocent Dinucleating Oxamate Ligand: Evidence for a Ligand Radical Species. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 1067-1071.	2.0	41
84	Pressure Effect Investigations on the Spin Crossover Systems {Fe[H ₂ B(pz) ₂] ₂ (bipy)} and {Fe[H ₂ B(pz) ₂] ₂ (phen)}. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3571-3573.	2.0	41
85	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.	13.8	41
86	Enantioselective La ^{III} -pyBOX-Catalyzed Nitro-Michael Addition to <i>E</i> -Azachalcones. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1696-1705.	2.4	40
87	Mössbauer Investigation of the Photoexcited Spin States and Crystal Structure Analysis of the Spin-Crossover Dinuclear Complex [{Fe(bt)(NCS) ₂] ₂ bpym] (bt=2,2'-Bithiazoline, bpym=2,2'-Bipyrimidine). <i>Chemistry - A European Journal</i> , 2006, 12, 9289-9298.	3.3	39
88	Competing Phases Involving Spin-State and Ligand Structural Orderings in a Multistable Two-Dimensional Spin Crossover Coordination Polymer. <i>Crystal Growth and Design</i> , 2017, 17, 2736-2745.	3.0	38
89	Organocatalytic enantioselective aza-Friedel-Crafts reaction of 2-naphthols with benzoxathiazine 2,2-dioxides. <i>RSC Advances</i> , 2015, 5, 60101-60105.	3.6	37
90	Reversible guest-induced gate-opening with multiplex spin crossover responses in two-dimensional Hofmann clathrates. <i>Chemical Science</i> , 2020, 11, 11224-11234.	7.4	36

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91	Guest induced reversible on/off switching of elastic frustration in a 3D spin crossover coordination polymer with room temperature hysteretic behaviour. <i>Chemical Science</i> , 2021, 12, 1317-1326.	7.4	36
92	Structure and magnetic properties of a linear oximato-bridged tetranuclear copper(II) complex. <i>Inorganica Chimica Acta</i> , 1998, 268, 263-269.	2.4	35
93	Thermal, Pressure and Light Induced Spin Crossover Behaviour in the Two Dimensional Hofmann Like Coordination Polymer $[\text{Fe}(\text{3-Clpy})_2\text{Pd}(\text{CN})_4]$. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 813-818.	2.0	35
94	Enantioselective Addition of Nitromethane to 2-Acylpyridine N-Oxides. Expanding the Generation of Quaternary Stereocenters with the Henry Reaction. <i>Organic Letters</i> , 2014, 16, 1204-1207.	4.6	35
95	Chiral and Racemic Spin Crossover Polymorphs in a Family of Mononuclear Iron(II) Compounds. <i>Inorganic Chemistry</i> , 2017, 56, 13535-13546.	4.0	35
96	Enantioselective Synthesis of Tertiary Alcohols through a Zirconium-Catalyzed Friedel-Crafts Alkylation of Pyrroles with α -Ketoesters. <i>Journal of Organic Chemistry</i> , 2011, 76, 6286-6294.	3.2	34
97	Homoleptic Iron(II) Complexes with the Ionogenic Ligand 6,6-Bis(1H-tetrazol-5-yl)-2,2-bipyridine: Spin Crossover Behavior in a Singular 2D Spin Crossover Coordination Polymer. <i>Inorganic Chemistry</i> , 2015, 54, 7424-7432.	4.0	34
98	Catalytic enantioselective addition of terminal alkynes to aromatic aldehydes using zinc-hydroxyamide complexes. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4301.	2.8	33
99	Thermal and pressure-induced spin crossover in a novel three-dimensional Hoffman-like clathrate complex. <i>New Journal of Chemistry</i> , 2011, 35, 1205.	2.8	33
100	Novel Iron(II) Microporous Spin-Crossover Coordination Polymers with Enhanced Pore Size. <i>Inorganic Chemistry</i> , 2013, 52, 3-5.	4.0	33
101	Organocatalytic Enantioselective Synthesis of Pyrazoles Bearing a Quaternary Stereocenter. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1532-1536.	3.3	33
102	Extrinsic vs. intrinsic luminescence and their interplay with spin crossover in 3D Hofmann-type coordination polymers. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1623-1633.	5.5	33
103	Organocatalytic Enantioselective 1,6-Michael Addition of Isoxazolinones to α -Quinone Methides. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 627-630.	2.4	33
104	Rational Design of Homo and Hetero Hexanuclear Coordination Compounds: Syntheses and Magnetic Properties of $[\text{Cu}_2\text{M}_4\text{II}]$ (M = Cu, Ni) Species and the Crystal Structure of $\{[\text{Cu}(\text{tmen})(\text{H}_2\text{O})]_2[\text{Cu}(\text{tmen})]_2[\text{Cu}_2\text{L}(\text{H}_2\text{O})](\text{ClO}_4)_4 \cdot 2\text{H}_2\text{O}\}$. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 951-957.	2.0	31
105	Chemistry and reactivity of mononuclear manganese oxamate complexes: Oxidative carbon-carbon bond cleavage of vic-diols by dioxygen and aldehydes catalyzed by a trans-dipyridine manganese(III) complex with a tetradentate o-phenylenedioxamate ligand. <i>Journal of Molecular Catalysis A</i> , 2006, 243, 214-220.	4.8	31
106	Synthesis and Relative Stability of a Series of Compounds of Type $[\text{Fe}(\text{II})(\text{bztpen})\text{X}]^{n+}$, Where bztpen = Pentadentate Ligand, N_5 , and X^{n-} = Monodentate Anion. <i>Inorganic Chemistry</i> , 2007, 46, 7285-7293.	4.0	31
107	A wide family of pyridoxal thiosemicarbazone ferric complexes: Syntheses, structures and magnetic properties. <i>Inorganica Chimica Acta</i> , 2009, 362, 56-64.	2.4	31
108	Bis(dimethylviolato)(phenanthroline)cobalt(II), a low-spin octahedral cobalt(II) complex. Crystal structure of $[\text{Co}(\text{dmvi})_2\text{phen}] \cdot 2\text{CHCl}_3$. <i>Inorganic Chemistry</i> , 1993, 32, 2013-2017.	4.0	30

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109	Synthesis of Functionalized Indoles with an $\hat{\pm}$ -Stereogenic Ketone Moiety Through an Enantioselective Friedel-Crafts Alkylation with (<i>E</i>)-1,4-Diarylebutene-1,4-diones. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2433-2440.		30
110	Spin-Crossover 2D Metal-Organic Frameworks with a Redox-Active Ligand: [Fe(ttf-adpy) ₂ M(CN) ₄] \cdot nH ₂ O (ttf-adpy = 4-Tetrathiafulvalenylcarboxamidopyridine; MII= Ni, Pd, Pt). <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 303-310.	2.0	30
111	Catalytic Enantioselective Aza-Henry Reaction with Cyclic Imines. <i>Chemistry - A European Journal</i> , 2016, 22, 17590-17594.	3.3	30
112	[Fe(TPT) _{2/3} {M ^I (CN) ₂ }] \cdot n <i>Solv</i> (M ^I =Ag, Au): New Bimetallic Porous Coordination Polymers with Spin-Crossover Properties. <i>Chemistry - A European Journal</i> , 2013, 19, 6851-6861.	3.3	29
113	Clathration of Five-Membered Aromatic Rings in the Bimetallic Spin Crossover Metal-Organic Framework [Fe(TPT) _{2/3} {M ^I (CN) ₂ }] \cdot G (M ^I =Ag, Au). <i>Chemistry - A European Journal</i> , 2013, 19, 10431-10434.	3.3	28
114	Organocatalytic Enantioselective Friedel-Crafts Alkylation of 1-Naphthol Derivatives and Activated Phenols with Ethyl Trifluoropyruvate. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3047-3051.	4.3	29
115	Influence of Host-Guest and Host-Host Interactions on the Spin-Crossover 3D Hofmann-type Clathrates [Fe ^{II} (pina) ₂][M ^I (CN) ₂] \cdot xMeOH (M ^I =Ag, Au). <i>Inorganic Chemistry</i> , 2019, 58, 10038-10046.	4.0	29
116	Pertosylated polyaza[n](9,10)anthracenophanes. <i>Tetrahedron</i> , 1997, 53, 2629-2640.	1.9	28
117	Thermochromic Melttable Materials with Reverse Spin Transition Controlled by Chemical Design. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18632-18638.	13.8	28
118	{Fe(3CNpy) ₂ [Cu(3CNpy)($\hat{1}$ / ₄ -CN) ₂]} \cdot nH ₂ O: a One-Dimensional Cyanide-Based Spin-Crossover Coordination Polymer. <i>Inorganic Chemistry</i> , 2006, 45, 4583-4585.	4.0	27
119	Nanoporosity, Inclusion Chemistry, and Spin Crossover in Orthogonally Interlocked Two-Dimensional Metal-Organic Frameworks. <i>Chemistry - A European Journal</i> , 2015, 21, 12112-12120.	3.3	27
120	Structural effects on the magnetic properties of ferric complexes in molecular materials or a lamellar CdPS ₃ host matrix. <i>New Journal of Chemistry</i> , 2004, 28, 535-541.	2.8	26
121	Cooperative Spin-Crossover Behaviour in Polymeric 1D Fe ^{II} Coordination Compounds: [Fe(tba) ₃ X ₂] \cdot nH ₂ O. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4481-4491.	2.0	26
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