

Jose Antonio Real

List of Publications by Year in descending order

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papers

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10389

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266
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266
docs citations

266
times ranked

6227
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal, pressure and light switchable spin-crossover materials. Dalton Transactions, 2005, , 2062.	3.3	650
2	Spin Crossover in a Catenane Supramolecular System. Science, 1995, 268, 265-267.	12.6	610
3	Communication between iron(II) building blocks in cooperative spin transition phenomena. Coordination Chemistry Reviews, 2003, 236, 121-141.	18.8	545
4	Bidirectional Chemo-switching of Spin State in a Microporous Framework. Angewandte Chemie - International Edition, 2009, 48, 4767-4771.	13.8	474
5	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
6	Thermo-, piezo-, photo- and chemo-switchable spin crossover iron(II)-metallocyanate based coordination polymers. Coordination Chemistry Reviews, 2011, 255, 2068-2093.	18.8	404
7	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
8	One Shot Laser Pulse Induced Reversible Spin Transition in the Spin-Crossover Complex [Fe(C4H4N2){Pt(CN)4}] at Room Temperature. Angewandte Chemie - International Edition, 2005, 44, 4069-4073.	13.8	294
9	Two-step spin crossover in the new dinuclear compound [Fe(bt)(NCS)2]2bpym, with bt = 2,2'-bi-2-thiazoline and bpym = 2,2'-bipyrimidine: experimental investigation and theoretical approach. Journal of the American Chemical Society, 1992, 114, 4650-4658.	13.7	281
10	Spin-Crossover Nanocrystals with Magnetic, Optical, and Structural Bistability Near Room Temperature. Angewandte Chemie - International Edition, 2008, 47, 6433-6437.	13.8	281
11	Multilayer Sequential Assembly of Thin Films That Display Room-Temperature Spin Crossover with Hysteresis. Angewandte Chemie - International Edition, 2006, 45, 5786-5789.	13.8	267
12	Structural changes associated with the spin transition in bis(isothiocyanato)bis(1,10-phenanthroline)iron: a single-crystal x-ray investigation. Inorganic Chemistry, 1990, 29, 1152-1158.	4.0	265
13	Spin Crossover in 1D, 2D and 3D Polymeric Fe(II) Networks. Topics in Current Chemistry, 2004, , 229-257.	4.0	238
14	Critical temperature of the LIESST effect in iron(II) spin crossover compounds. Chemical Physics Letters, 1999, 313, 115-120.	2.6	232
15	A Combined Top-Down/Bottom-Up Approach for the Nanoscale Patterning of Spin-Crossover Coordination Polymers. Advanced Materials, 2007, 19, 2163-2167.	21.0	202
16	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
17	Synthesis, crystal structure, and magnetic properties of (.mu.-bipyrimidine)(cyanato)copper(II) and -(thiocyanato)copper(II) complexes. Inorganic Chemistry, 1993, 32, 795-802.	4.0	172
18	Light Induced Excited Pair Spin State in an Iron(II) Binuclear Spin-Crossover Compound. Journal of the American Chemical Society, 1999, 121, 10630-10631.	13.7	165

#	ARTICLE	IF	CITATIONS
19	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}â€¦G. Chemistry - A European Journal, 2002, 8, 2446.	3.3	164
20	Oxidative Addition of Halogens on Open Metal Sites in a Microporous Spinâ€Crossover Coordination Polymer. Angewandte Chemie - International Edition, 2009, 48, 8944-8947.	13.8	164
21	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
22	[Fe(sal2-trien)][Ni(dmit)2]: towards switchable spin crossover molecular conductors. Chemical Communications, 2005, , 69.	4.1	151
23	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
24	Large Conductance Switching in a Single-Molecule Device through Room Temperature Spin-Dependent Transport. Nano Letters, 2016, 16, 218-226.	9.1	148
25	Tunable Bistability in a Three-Dimensional Spin-Crossover Sensory- and Memory-Functional Material. Advanced Materials, 2005, 17, 2949-2953.	21.0	147
26	Spin crossover and photomagnetism in dinuclear iron(II) compounds. Coordination Chemistry Reviews, 2007, 251, 1822-1833.	18.8	144
27	Magnetic interaction and spin transition in iron(II) dinuclear compounds. Crystal structure of (.mu.-2,2'-bipyrimidine)bis[(2,2'-bipyrimidine)bis(thiocyanato)iron(II)]. Inorganic Chemistry, 1987, 26, 2939-2943.	4.0	140
28	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 ETQq0 04OrgBT /Overlock 10	4.0	139
29	Light- and Thermal-Induced Spin Crossover in {Fe(abpt)2[N(CN)2]2}. Synthesis, Structure, Magnetic Properties, and High-Spin â†” Low-Spin Relaxation Studies. Inorganic Chemistry, 2001, 40, 3986-3991.	4.0	131
30	Spin Crossover Phenomenon in Nanocrystals and Nanoparticles of [Fe(3-Fpy)2M(CN)4] (M^{II} = Ni, Pd, Pt) Two-Dimensional Coordination Polymers. Chemistry of Materials, 2010, 22, 4271-4281.	6.7	131
31	Raman Spectroscopic Study of Pressure Effects on the Spin-Crossover Coordination Polymers Fe(Pyrazine)[M(CN)4]Âˆ2H2O (M = Ni, Pd, Pt). First Observation of a Piezo-Hysteresis Loop at Room Temperature. Journal of Physical Chemistry B, 2003, 107, 3149-3155.	2.6	129
32	Dinuclear iron(ii) spin crossover compounds: singular molecular materials for electronics. Journal of Materials Chemistry, 2006, 16, 2522-2533.	6.7	128
33	Raman spectroscopy of the high- and low-spin states of the spin crossover complex Fe(phen)2(NCS)2: an initial approach to estimation of vibrational contributions to the associated entropy change. Chemical Physics Letters, 2000, 318, 409-416.	2.6	126
34	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
35	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.	4.0	119
36	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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37	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
38	Spin-crossover in the [Fe(abpt) ₂ (NCX) ₂] (X=S, Se) system: structural, magnetic, calorimetric and photomagnetic studies. <i>Inorganica Chimica Acta</i> , 1999, 291, 279-288.	2.4	117
39	Spin Crossover in the 2,2'-Bipyrimidine- (bpym-) Bridged Iron(II) Complexes [Fe(L)(NCX) ₂] ₂ (bpym) (L = 2, 2,2'-bipyridine). Calorimetric, and Mössbauer Spectroscopy Studies. <i>Inorganic Chemistry</i> , 1997, 36, 455-464.	4.0	114
40	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
41	High-pressure single-crystal x-ray diffraction study of two spin-crossover iron(II) complexes: Fe(Phen) ₂ (NCS) ₂ and Fe(Btz) ₂ (NCS) ₂ . <i>Inorganic Chemistry</i> , 1993, 32, 5305-5312.	4.0	111
42	Vibrational Spectroscopy of Cyanide-Bridged, Iron(II) Spin-Crossover Coordination Polymers: Estimation of Vibrational Contributions to the Entropy Change Associated with the Spin Transition. <i>Journal of Physical Chemistry B</i> , 2002, 106, 9701-9707.	2.6	110
43	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
44	Enhanced bistability by guest inclusion in Fe(II) spin crossover porous coordination polymers. <i>Chemical Communications</i> , 2012, 48, 4686.	4.1	107
45	Synergetic Effect of Host-Guest Chemistry and Spin Crossover in 3D Hofmann-like Metal-Organic Frameworks [Fe(bpac) ₄ (CN) ₄] (M=Pt, Pd, Ni). <i>Chemistry - A European Journal</i> , 2012, 18, 507-516.	3.3	107
46	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
47	Electrical Conductivity and Spin Crossover: A New Achievement with a Metal Bis Dithiolene Complex. <i>Inorganic Chemistry</i> , 2007, 46, 8548-8559.	4.0	104
48	Comparative investigation of the spin-crossover compounds Fe(btz) ₂ (NCS) ₂ and Fe(phen) ₂ (NCS) ₂ (where btz = 2,2'-bi-4,5-dihydrothiazine and phen = 1,10-phenanthroline). Magnetic properties and thermal dilatation behavior and crystal structure of Fe(btz) ₂ (NCS) ₂ at 293 and 130 K. <i>Inorganic Chemistry</i> , 1992, 31, 4972-4979.	4.0	103
49	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
50	Spin Crossover Bistability in Three Mutually Perpendicular Interpenetrated (4,4) Nets. <i>Inorganic Chemistry</i> , 2000, 39, 5390-5393.	4.0	101
51	Supramolecular isomerism in spin crossover networks with aurophilic interactions. <i>Chemical Communications</i> , 2004, , 2268-2269.	4.1	100
52	Polymorphism and Pressure Driven Thermal Spin Crossover Phenomenon in [Fe(abpt) ₂ (NCX) ₂] (X = S, Se). <i>Inorganic Chemistry</i> , 2000, 39, 1000-1006.	1.8	96
53	Solid- and Solution-State Studies of the Novel 1/4-Dicyanamide-Bridged Dinuclear Spin-Crossover System		

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55	Coordination Chemistry of Amine Bis(phenolate) Cobalt(II), Nickel(II), and Copper(II) Complexes. <i>Inorganic Chemistry</i> , 2006, 45, 7903-7914.	4.0	92
56	Enhanced porosity in a new 3D Hofmann-like network exhibiting humidity sensitive cooperative spin transitions at room temperature. <i>Journal of Materials Chemistry</i> , 2011, 21, 7217.	6.7	90
57	Thermal and light induced polymorphism in iron(ii) spin crossover compounds. <i>Chemical Communications</i> , 2004, , 1390-1391.	4.1	87
58	[CoII(4-terpyridone)2]X2: A Novel Cobalt(II) Spin Crossover System [4-Terpyridone = 2,6-Bis(2-pyridyl)-4(1H)-pyridone]. <i>Inorganic Chemistry</i> , 2001, 40, 9-10.	4.0	84
59	On the Nature of the Plateau in Two-Step Dinuclear Spin-Crossover Complexes. <i>Chemistry - A European Journal</i> , 2004, 10, 1291-1298.	3.3	83
60	Oxidative DNA cleavage induced by an iron(III) flavonoid complex: Synthesis, crystal structure and characterization of chlorobis(flavonolato)(methanol) iron(III) complex. <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 1208-1218.	3.5	83
61	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
62	Influence of the Counterion and the Solvent Molecules in the Spin Crossover System [Co(4-terpyridone)2]Xp·nH2O. <i>Inorganic Chemistry</i> , 2006, 45, 4413-4422.	4.0	82
63	Bipyrimidine-Bridged Dinuclear Iron(II) Spin Crossover Compounds. <i>Topics in Current Chemistry</i> , 2004, , 167-193.	4.0	81
64	Selective Photoswitching of the Binuclear Spin Crossover Compound {[Fe(bt)(NCS)2]2(bpm)} into Two Distinct Macroscopic Phases. <i>Physical Review Letters</i> , 2005, 94, 107205.	7.8	81
65	Cooperative Spin Transition in the Two-Dimensional Coordination Polymer [Fe(4,4'-bipyridine)2(NCX)4·4CHCl3] (X = S, Se). <i>Inorganic Chemistry</i> , 2011, 50, 10633-10642.	4.0	79
66	Symmetry Breaking in Iron(II) Spin-Crossover Molecular Crystals. <i>Magnetochemistry</i> , 2016, 2, 16.	2.4	78
67	Oxamidato complexes. 5. Influence of the steric constraints on the complex formation between copper(II) and N,N'-(alkyl-substituted)oxamides. Synthesis and crystal structure of [Cu2(mapox)(N3)2]n		

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73	Dynamical Ising-like model for the two-step spin-crossover systems. <i>Journal of Applied Physics</i> , 2003, 93, 7103-7105.	2.5	73
74	Reversible Chemisorption of Sulfur Dioxide in a Spin Crossover Porous Coordination Polymer. <i>Inorganic Chemistry</i> , 2013, 52, 12777-12783.	4.0	72
75	Spin Crossover Behavior in the Iron(II) π -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
76	Spin crossover in six-coordinate [Fe(L) $_2$ (NCX) $_2$] compounds with L = DPQ = 2,3-bis-(2-pyridyl)-quinoxaline, ABPT = 4-amino-3,5-bis(pyridin-2-yl)-1,2,4-triazole and X = S, Se: synthesis, magnetic properties and single crystal studies. <i>Inorganica Chimica Acta</i> , 1998, 274, 1-6.	2.4	66
77	spin-Crossover Behavior in the Fe(tap) $_2$ (NCS) $_2$.nCH $_3$ CN System (tap =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td <i>Inorganic Chemistry</i> , 1994, 33, 3587-3594.	4.0	65
78	Different Ground Spin States in Iron(III) Complexes with Quadridentate Schiff Bases: Synthesis, Crystal Structures, and Magnetic Properties. <i>Inorganic Chemistry</i> , 1998, 37, 5102-5108.	4.0	65
79	Polynuclear Spin Crossover Complexes: Synthesis, Structure, and Magnetic Behavior of <i>Inorganic Chemistry</i> , 2009, 48, 3710-3719.	4.0	64
80	Bipyrimidine-Bridged Dinuclear Iron(II) Spin Crossover Compounds. <i>ChemInform</i> , 2005, 36, no.	0.0	63
81	Strong Ferromagnetic Coupling in Linear Mixed $\frac{1}{4}$ -Acetato, $\frac{1}{4}$ -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.	2.0	61
82	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
83	Thermal- and Pressure-Induced Cooperative Spin Transition in the 2D and 3D Coordination Polymers {Fe(5-Br-pmd) $_2$ }[M(CN) $_4$] (M =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td <i>Chemistry</i> , 2007, 46, 9646-9654.	4.0	61
84	Spin transition in iron Fe(py) $_2$ L(NCS) $_2$ complexes where py = pyridine and L = 2,2'-bipyrimidine (bpym) and 1,10-phenanthroline (phen): magnetic, calorimetric, and Moessbauer-effect investigation. Crystal structure of [Fe(py) $_2$ bpym(NCS) $_2$].0.25py. <i>Inorganic Chemistry</i> , 1990, 29, 4442-4448.	4.0	59
85	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
86	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
87	Structural investigation of the photoinduced spin conversion in the dinuclear compound {[Fe(bt)(NCS) $_2$] $_2$ (bpym)}: toward controlled multi-stepped molecular switches. <i>Journal of Applied Crystallography</i> , 2007, 40, 158-164.	4.5	58
88	Photo-switching spin pairs synergy between LIESST effect and magnetic interaction in an iron(ii) binuclear spin-crossover compound. <i>Chemical Communications</i> , 2001, , 819-820.	4.1	57
89	Electronic Structure Study of Seven-Coordinate First-Row Transition Metal Complexes Derived from 1,10-Diaza-15-crown-5: A Successful Marriage of Theory with Experiment. <i>Inorganic Chemistry</i> , 2005, 44, 9704-9713.	4.0	57
90	Hysteresis and change of transition temperature in thin films of Fe{[Me $_2$ Pyz] $_3$ BH} $_2$, a new sublimable spin-crossover molecule. <i>Journal of Chemical Physics</i> , 2015, 142, 194702.	3.0	56

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91	Structural and Magnetic Characterization of a Novel Heptanuclear Hydroxo-Bridged Copper(II) Cluster of the Corner-Sharing Dicubane Type. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 1184-1186.	4.4	55
92	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
93	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
94	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
95	Coordination polymers undergoing spin crossover and reversible ligand exchange in the solid. <i>Chemical Communications</i> , 2006, , 4321-4323.	4.1	53
96	High quality nano-patterned thin films of the coordination compound {Fe(pyrazine)[Pt(CN)4]} deposited layer-by-layer. <i>New Journal of Chemistry</i> , 2011, 35, 2089.	2.8	53
97	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
98	Photomagnetism of a Series of Dinuclear Iron(II) Complexes. <i>Chemistry - A European Journal</i> , 2009, 15, 4146-4155.	3.3	52
99	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
100	Strong Cooperative Spin Crossover in 2D and 3D Fe ^{II} -M ^I Hofmann-Like Coordination Polymers Based on 2-Fluoropyrazine. <i>Inorganic Chemistry</i> , 2016, 55, 10654-10665.	4.0	50
101	Coexistence of spin-crossover and antiferromagnetic coupling phenomena in the novel dinuclear Fe(II) complex [Fe(dpa)(NCS)2]2bpym. <i>Chemical Physics Letters</i> , 2003, 373, 385-391.	2.6	49
102	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
103	Wavelength selective light-induced magnetic effects in the binuclear spin crossover compound [Fe(bt)(NCS)2]2(bpym)}. <i>Physical Review B</i> , 2007, 75, .	3.2	48
104	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
105	Novel sheet-like manganese(II) networks. Synthesis and structure of [Mn(bpe)(NCS)2(CH3OH)2] and [Mn(bpe)(NCS)2(CH3OH)2]·bpe [bpe = trans-1,2-bis(4-pyridyl)ethene]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 1813-1818.	1.1	46
106	Guest Effect on Nanopatterned Spin-Crossover Thin Films. <i>Small</i> , 2011, 7, 3385-3391.	10.0	46
107	Dimethylvioluratobis(phenanthroline)cobalt(II), a Novel Spin-Crossover Octahedral Co(II) Complex. Synthesis, Crystal Structure and Magnetic Properties of [Co(dmvi)(phen)2]ClO4·3H2O. <i>Inorganic Chemistry</i> , 1994, 33, 5535-5540.	4.0	45
108	Polymorphism and reverse-spin transition in the spin crossover system [Co(4-terpyridone)2](CF3SO3)2·1H2O. <i>New Journal of Chemistry</i> , 2009, 33, 1262.	2.8	45

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109	From Magnetic to Nonlinear Optical Switches in Spin-Crossover Complexes. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 615-627.	2.0	45
110	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
111	Bidirectional photo-switching of the spin state of iron(II) ions in a triazol based spin crossover complex within the thermal hysteresis loop. <i>Chemical Physics Letters</i> , 2009, 477, 156-159.	2.6	42
112	Spin Crossover Star-Shaped Metallomesogens of Iron(II). <i>Inorganic Chemistry</i> , 2014, 53, 8442-8454.	4.0	42
113	Very Long-Lived Photogenerated High-Spin Phase of a Multistable Spin-Crossover Molecular Material. <i>Journal of the American Chemical Society</i> , 2018, 140, 12870-12876.	13.7	42
114	Formation in solution, preparation, crystal structure and magnetic characterization of di- μ -hydroxo-bis[<i>diaqua</i> (2,2'-bipyrimidine)copper(II)] diperchlorate dihydrate. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 1739-1744.	1.1	41
115	Pressure Effect Investigations on the Spin Crossover Systems $\{Fe[H_2B(pz)_2]_2(bipy)\}$ and $\{Fe[H_2B(pz)_2]_2(phen)\}$. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3571-3573.	2.0	41
116	Exploiting Pressure To Induce a "Guest-Blocked" Spin Transition in a Framework Material. <i>Inorganic Chemistry</i> , 2016, 55, 10490-10498.	4.0	41
117	Metal-Controlled Magnetoresistance at Room Temperature in Single-Molecule Devices. <i>Journal of the American Chemical Society</i> , 2017, 139, 5768-5778.	13.7	41
118	Synthesis, crystal structure and magnetic properties of di- μ -hydroxo-bis[(2,2'-bipyridine)(trifluoromethanesulfonato-O)-copper(II)]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 47-52.	1.1	40
119	2,2'-Bipyrimidine (bipym)-bridged dinuclear complexes. Part 2. Synthesis, crystal structure and magnetic properties of $[Fe_2(H_2O)_8(bipym)][SO_4]_2 \cdot 2H_2O$ and $[Fe_2(H_2O)_6(bipym)(SO_4)_2]$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 2169-2174.	1.1	40
120	Mössbauer Investigation of the Photoexcited Spin States and Crystal Structure Analysis of the Spin-Crossover Dinuclear Complex $\{[Fe(bt)(NCS)_2]_2bpym\}$ (<i>bt</i> =2,2'-Bithiazoline, <i>bpym</i> =2,2'-Bipyrimidine). <i>Chemistry - A European Journal</i> , 2006, 12, 9289-9298.	3.3	39
121	Polycatenane systems from Co(II) and trans-1,2-bis(4-pyridyl)ethene (bpe). Synthesis and structure of $Co(bpe)_2(NCS)_2 \cdot CH_3OH$, $[Co(bpe)_2(H_2O)_2](ClO_4)_2 \cdot 2CH_3OH$ and $[Co(bpe)_2(H_2O)_2(CH_3OH)_2](ClO_4)_2 \cdot bpe \cdot H_2O$. <i>New Journal of Chemistry</i> , 2001, 25, 1031-1036.	2.8	38
122	Optical investigation of spin-crossover in cobalt(II) bis-terpy complexes. <i>Inorganica Chimica Acta</i> , 2007, 360, 3945-3950.	2.4	38
123	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
124	An alternating copper(II) chain with bridging azide and oxamidate ligands: crystal structure and magnetic properties of $[Cu_2(dmaeoxd)(N_3)_2(H_2O)_2]$ and $\{[Cu_2(dmaeoxd)(N_3)_2N]\{H_2dmaeoxd=N, N\}$ -bis[2-(dimethylamino)ethyl]oxamidate}. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 3769-3773.	1.1	36
125	Tunable Spin-Crossover Behavior of the Hofmann-Like Network $\{Fe(bpac)[Pt(CN)_4]\}$ through Host-Guest Chemistry. <i>Chemistry - A European Journal</i> , 2013, 19, 15036-15043.	3.3	36
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