Jose Antonio Real

List of Publications by Year
in descending order

258	17,122	10373 72	18115 120
papers	citations	h-index	g-index

266	266	266	6227
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Halobenzene Clathrates of the Porous Metalâ€“Organic Spin-Crossover Framework [Fe(tvp)₂(NCS)₂]_n. Stabilization of a Four-Step Transition. Inorganic Chemistry, 2022, 61, 4484-4493.	1.9	3
2	Regulation of Multistep Spin Crossover Across Multiple Stimuli in a 2-D Framework Material. Inorganic Chemistry, 2022, 61, 6641-6649.	1.9	6
3	Probing the SO₂Adsorption Mechanism in Hofmann Clathrates via Inelastic Neutron Scattering and Density Functional Theory Calculations. Journal of Physical Chemistry C, 2022, 126, 8090-8099.	1.5	7
4	Coexistence of luminescence and spin-crossover in 2D iron(<scp>ii</scp>) Hofmann clathrates modulated through guest encapsulation. Journal of Materials Chemistry C, 2022, 10, 10686-10698.	2.7	11
5	Electrical Sensing of the Thermal and Lightâ€Induced Spin Transition in Robust Contactless Spinâ€Crossover/Graphene Hybrid Devices. Advanced Materials, 2022, 34, .	11.1	23
6	Guest induced reversible onâ€“off switching of elastic frustration in a 3D spin crossover coordination polymer with room temperature hysteretic behaviour. Chemical Science, 2021, 12, 1317-1326.	3.7	36
7	Pressure and Thermally Induced Spin Crossover in a 2D Iron(II) Coordination Polymer {Fe[bipy(ttr)2]}n. , 2021, , .		0
8	Bistable Hofmann-Type Fe^{II} Spin-Crossover Two-Dimensional Polymers of 4-Alkyldisulfanylpyridine for Prospective Grafting of Monolayers on Metallic Surfaces. Inorganic Chemistry, 2021, 60, 9040-9049.	1.9	6
9	Downsizing of Nanocrystals While Retaining Bistable Spin Crossover Properties in Three-Dimensional Hofmann-Type {Fe(pz)[Pt(CN)₄]}â€“Iodine Adducts. Inorganic Chemistry, 2021, 60, 8851-8860.	1.9	5
10	Spin Crossover in a Series of Non-Hofmann-Type Fe(II) Coordination Polymers Based on [Hg(SeCN)₃]^{â^'} or [Hg(SeCN)₄]^{2â€“} Building Blocks. Inorganic Chemistry, 2021, 60, 11048-11057.	1.9	3
11	Enhanced Interplay between Hostâ€“Guest and Spin-Crossover Properties through the Introduction of an N Heteroatom in 2D Hofmann Clathrates. Inorganic Chemistry, 2021, 60, 11866-11877.	1.9	7
12	Pressure Tunable Electronic Bistability in Fe(II) Hofmann-like Two-Dimensional Coordination Polymer [Fe(Fpz)₂Pt(CN)₄]: A Comprehensive Experimental and Theoretical Study. Inorganic Chemistry, 2021, 60, 16016-16028.	1.9	16
13	Extrinsicvs.intrinsic luminescence and their interplay with spin crossover in 3D Hofmann-type coordination polymers. Journal of Materials Chemistry C, 2020, 8, 1623-1633.	2.7	33
14	Singleâ€Crystal Xâ€Ray Diffraction Study of Pressure and Temperatureâ€Induced Spin Trapping in a Bistable Iron(II) Hofmann Framework. Angewandte Chemie, 2020, 132, 3130-3135.	1.6	1
15	Singleâ€Crystal Xâ€Ray Diffraction Study of Pressure and Temperatureâ€Induced Spin Trapping in a Bistable Iron(II) Hofmann Framework. Angewandte Chemie - International Edition, 2020, 59, 3106-3111.	7.2	12
16	Guest Removal and External Pressure Variation Induce Spin Crossover in Halogen-Functionalized 2-D Hofmann Frameworks. Inorganic Chemistry, 2020, 59, 14296-14305.	1.9	19
17	Thermochromic Meltable Materials with Reverse Spin Transition Controlled by Chemical Design. Angewandte Chemie - International Edition, 2020, 59, 18632-18638.	7.2	28
18	Reversible guest-induced gate-opening with multiplex spin crossover responses in two-dimensional Hofmann clathrates. Chemical Science, 2020, 11, 11224-11234.	3.7	36

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19	Thermochromic Meltable Materials with Reverse Spin Transition Controlled by Chemical Design. Angewandte Chemie, 2020, 132, 18791-18797.	1.6	4
20	Epitaxial Thin-Film vs Single Crystal Growth of 2D Hofmann-Type Iron(II) Materials: A Comparative Assessment of their Bi-Stable Spin Crossover Properties. ACS Applied Materials & Interfaces, 2020, 12, 29461-29472.	4.0	16
21	Variable Cooperative Interactions in the Pressure and Thermally Induced Multistep Spin Transition in a Two-Dimensional Iron(II) Coordination Polymer. Inorganic Chemistry, 2020, 59, 10548-10556.	1.9	12
22	Symmetry breakings in a metal organic framework with a confined guest. Physical Review B, 2020, 101, .	1.1	10
23	Effect of Guest Molecules on Spin Transition Temperature in Loaded Hofmannâ€Like Clathrates with Improved Porosity. European Journal of Inorganic Chemistry, 2020, 2020, 764-769.	1.0	15
24	Ultrathin Films of 2D Hofmann-Type Coordination Polymers: Influence of Pillaring Linkers on Structural Flexibility and Vertical Charge Transport. Chemistry of Materials, 2019, 31, 7277-7287.	3.2	18
25	Influence of Hostâ€“Guest and Hostâ€“Host Interactions on the Spin-Crossover 3D Hofmann-type Clathrates {Fe^{II}(pina)[M^I(CN)₂]₂}Â·xMeOH (M^I = Ag, Au). Inorganic Chemistry, 2019, 58, 10038-10046.	1.9	29
26	Heteroleptic Iron(II) Spin-Crossover Complexes Based on a 2,6-Bis(pyrazol-1-yl)pyridine-type Ligand Functionalized with a Carboxylic Acid. Inorganic Chemistry, 2019, 58, 12199-12208.	1.9	12
27	An unprecedented hetero-bimetallic three-dimensional spin crossover coordination polymer based on the tetrahedral [Hg(SeCN)4]2â^' building block. Chemical Communications, 2019, 55, 4607-4610.	2.2	17
28	Discrimination between two memory channels by molecular alloying in a doubly bistable spin crossover material. Chemical Science, 2019, 10, 3807-3816.	3.7	44
29	Electrical Voltage Control of the Pressure-Induced Spin Transition at Room Temperature in the Microporous 3D Polymer [Fe(pz)Pt(CN)₄]. Journal of Physical Chemistry C, 2019, 123, 5642-5646.	1.5	16
30	Effect of nanostructuration on the spin crossover transition in crystalline ultrathin films. Chemical Science, 2019, 10, 4038-4047.	3.7	36
31	A thermal- and light-induced switchable one-dimensional rare loop-like spin crossover coordination polymer. Dalton Transactions, 2019, 48, 17014-17021.	1.6	10
32	Metal complexes of a novel heterocyclic benzimidazole ligand formed by rearrangement-cyclization of the corresponding Schiff base. Electrosynthesis, structural characterization and antimicrobial activity. Dalton Transactions, 2018, 47, 4325-4340.	1.6	21
33	{[Hg(SCN)₃]₂(Î¼-L)}^{2â€“}: An Efficient Secondary Building Unit for the Synthesis of 2D Iron(II) Spin-Crossover Coordination Polymers. Inorganic Chemistry, 2018, 57, 1562-1571.	1.9	22
34	Cyanidoâ€Bridged Fe^{II}â€“M^I Dimetallic Hofmannâ€Like Spinâ€Crossover Coordination Polymers Based on 2,6â€Naphthyridine. European Journal of Inorganic Chemistry, 2018, 2018, 289-296.	1.0	24
35	Thermo- and photo-modulation of exciplex fluorescence in a 3D spin crossover Hofmann-type coordination polymer. Chemical Science, 2018, 9, 8446-8452.	3.7	59
36	Switchable Spin-Crossover Hofmann-Type 3D Coordination Polymers Based on Tri- and Tetratopic Ligands. Inorganic Chemistry, 2018, 57, 12195-12205.	1.9	24

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37	Very Long-Lived Photogenerated High-Spin Phase of a Multistable Spin-Crossover Molecular Material. Journal of the American Chemical Society, 2018, 140, 12870-12876.	6.6	42
38	Pressure Effect Studies on the Spin Transition of Microporous 3D Polymer [Fe(pz)Pt(CN)₄]. Inorganic Chemistry, 2018, 57, 8458-8464.	1.9	21
39	Metal-Controlled Magnetoresistance at Room Temperature in Single-Molecule Devices. Journal of the American Chemical Society, 2017, 139, 5768-5778.	6.6	41
40	Competing Phases Involving Spin-State and Ligand Structural Orderings in a Multistable Two-Dimensional Spin Crossover Coordination Polymer. Crystal Growth and Design, 2017, 17, 2736-2745.	1.4	38
41	Guest Induced Strong Cooperative One- and Two-Step Spin Transitions in Highly Porous Iron(II) Hofmann-Type Metalâ€“Organic Frameworks. Inorganic Chemistry, 2017, 56, 7038-7047.	1.9	55
42	Enhancement of guest-responsivity by mesocrystallization of porous coordination polymers. Journal of Materials Chemistry C, 2017, 5, 3706-3713.	2.7	7
43	Bistable thermo-chromic and magnetic spin crossover microcrystals embedded in nata de coco bacterial cellulose biofilm. Cellulose, 2017, 24, 2205-2213.	2.4	11
44	Long-range magnetic order in the porous metalâ€“organic framework Ni(pyrazine)[Pt(CN)4]. Physical Chemistry Chemical Physics, 2017, 19, 29084-29091.	1.3	3
45	Chiral and Racemic Spin Crossover Polymorphs in a Family of Mononuclear Iron(II) Compounds. Inorganic Chemistry, 2017, 56, 13535-13546.	1.9	35
46	Formation of local spin-state concentration waves during the relaxation from a photoinduced state in a spin-crossover polymer. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2017, 73, 660-668.	0.5	6
47	Single Laser Shot Spin State Switching of {Fe^{II}(pz)[Pt(CN)₄]} Inside Thermal Hysteresis Studied by X-ray Diffraction. Current Inorganic Chemistry, 2016, 6, 61-66.	0.2	29
48	Symmetry Breaking in Iron(II) Spin-Crossover Molecular Crystals. Magnetochemistry, 2016, 2, 16.	1.0	78
49	Special Issue â€œSpin Crossover (SCO) Researchâ€• Magnetochemistry, 2016, 2, 28.	1.0	22
50	First Step Towards a Devil's Staircase in Spinâ€€rossover Materials. Angewandte Chemie - International Edition, 2016, 55, 8675-8679.	7.2	94
51	Imparting hysteretic behavior to spin transition in neutral mononuclear complexes. RSC Advances, 2016, 6, 39627-39635.	1.7	16
52	Strong Cooperative Spin Crossover in 2D and 3D Fe^{II}â€“M^{I,II} Hofmann-Like Coordination Polymers Based on 2-Fluoropyrazine. Inorganic Chemistry, 2016, 55, 10654-10665.	1.9	50
53	Exploiting Pressure To Induce a â€œGuest-Blockedâ€•Spin Transition in a Framework Material. Inorganic Chemistry, 2016, 55, 10490-10498.	1.9	41
54	From six-coordinate to eight-coordinate iron(<scp>ii</scp>) complexes with pyridyltriazolo-pyridine frameworks. CrystEngComm, 2016, 18, 7950-7954.	1.3	9

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55	Electronic Structure Modulation in an Exceptionally Stable Nonâ€Heme Nitrosyl Iron(II) Spinâ€Crossover Complex. Chemistry - A European Journal, 2016, 22, 12741-12751.	1.7	15
56	First Step Towards a Devil's Staircase in Spinâ€Crossover Materials. Angewandte Chemie, 2016, 128, 8817-8821.	1.6	25
57	Large Conductance Switching in a Single-Molecule Device through Room Temperature Spin-Dependent Transport. Nano Letters, 2016, 16, 218-226.	4.5	148
58	Nanoporosity, Inclusion Chemistry, and Spin Crossover in Orthogonally Interlocked Twoâ€Dimensional Metalâ€“Organic Frameworks. Chemistry - A European Journal, 2015, 21, 12112-12120.	1.7	27
59	Meltable Spin Transition Molecular Materials with Tunable T_c and Hysteresis Loop Width. Angewandte Chemie - International Edition, 2015, 54, 14777-14781.	7.2	52
60	Coordination nano-space as stage of hydrogen orthoâ€“para conversion. Royal Society Open Science, 2015, 2, 150006.	1.1	30
61	Pulsed-Laser Switching in the Bistability Domain of a Cooperative Spin Crossover Compound: A Critical Study through Calorimetry. Journal of Physical Chemistry C, 2015, 119, 17334-17343.	1.5	28
62	Synthesis of Nanocrystals and Particle Size Effects Studies on the Thermally Induced Spin Transition of the Model Spin Crossover Compound [Fe(phen)₂(NCS)₂]. Inorganic Chemistry, 2015, 54, 7906-7914.	1.9	26
63	Homoleptic Iron(II) Complexes with the Ionogenic Ligand 6,6â€²-Bis(1H-tetrazol-5-yl)-2,2â€²-bipyridine: Spin Crossover Behavior in a Singular 2D Spin Crossover Coordination Polymer. Inorganic Chemistry, 2015, 54, 7424-7432.	1.9	34
64	Spin Crossover Behavior in a Series of Iron(III) Alkoxide Complexes. Inorganic Chemistry, 2015, 54, 3413-3421.	1.9	20
65	Spin crossover in iron(<scp>ii</scp>) complexes with ferrocene-bearing triazole-pyridine ligands. Dalton Transactions, 2015, 44, 18911-18918.	1.6	14
66	Hysteresis and change of transition temperature in thin films of Fe{[Me2Pyrz]3BH}2, a new sublimable spin-crossover molecule. Journal of Chemical Physics, 2015, 142, 194702.	1.2	56
67	Crystal structure of the coordination polymer [Fe^{III}₂{Pt^{II}(CN)₄}₃]. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, i1-i2.	0.2	1
68	Two-step spin crossover behaviour in the chiral one-dimensional coordination polymer [Fe(HAT)(NCS)₂]_{â^ž}. RSC Advances, 2015, 5, 69782-69789.	1.7	20
69	The Effect of Pressure on the Cooperative Spin Transition in the 2D Coordination Polymer {Fe(phpy)₂[Ni(CN)₄]}. European Journal of Inorganic Chemistry, 2014, 2014, 429-433.	1.0	19
70	Clathration of Five-Membered Aromatic Rings in the Bimetallic Spin Crossover Metalâ€“Organic Framework [Fe(TPT)_{2/3}{M^I(CN)₂}₂]Â·G (M^I) Tj ETQq0 0 0 rgBT /Overlo		
71	Guest Modulation of Spinâ€Crossover Transition Temperature in a Porous Iron(II) Metalâ€“Organic Framework: Experimental and Periodic DFT Studies. Chemistry - A European Journal, 2014, 20, 12864-12873.	1.7	55
72	Two- and one-step cooperative spin transitions in Hofmann-like clathrates with enhanced loading capacity. Chemical Communications, 2014, 50, 1833-1835.	2.2	47

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73	Control of the spin state by charge and ligand substitution: two-step spin crossover behaviour in a novel neutral iron(<scp>ii</scp>) complex. Dalton Transactions, 2014, 43, 16387-16394.	1.6	21
74	Spin Crossover Star-Shaped Metallomesogens of Iron(II). Inorganic Chemistry, 2014, 53, 8442-8454.	1.9	42
75	Temperature- and pressure-dependent structural study of {Fe(pmd)2[Ag(CN)2]2}nspin-crossover compound by neutron Laue diffraction. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2014, 70, 436-443.	0.5	9
76	An Investigation of Photoâ€•and Pressureâ€Induced Effects in a Pair of Isostructural Twoâ€Dimensional Spinâ€Crossover Framework Materials. Chemistry - A European Journal, 2014, 20, 7448-7457.	1.7	27
77	Structural, magnetic and calorimetric studies of a crystalline phase of the spin crossover compound [Fe(tzpy)2(NCSe)2]. CrystEngComm, 2013, 15, 3455.	1.3	12
78	Thermalâ€, Pressureâ€•and Lightâ€Induced Spinâ€Crossover Behaviour in the Twoâ€Dimensional Hofmannâ€Like Coordination Polymer [Fe(3â€Clpy)₂Pd(CN)₄]. European Journal of Inorganic Chemistry, 2013, 2013, 813-818.	1.0	35
79	From Magnetic to Nonlinear Optical Switches in Spinâ€Crossover Complexes. European Journal of Inorganic Chemistry, 2013, 2013, 615-627.	1.0	45
80	Novel Iron(II) Microporous Spin-Crossover Coordination Polymers with Enhanced Pore Size. Inorganic Chemistry, 2013, 52, 3-5.	1.9	33
81	Spinâ€Crossover Complexes. European Journal of Inorganic Chemistry, 2013, 2013, 577-580.	1.0	30
82	Unprecedented Multiâ€Stable Spin Crossover Molecular Material with Two Thermal Memory Channels. Chemistry - A European Journal, 2013, 19, 6591-6596.	1.7	74
83	[Fe(TPT)_{2/3}{M^I(CN)₂}₂]â‹…nSolv (M^I=Ag, Au): New Bimetallic Porous Coordination Polymers with Spinâ€Crossover Properties. Chemistry - A European Journal, 2013, 19, 6851-6861.	1.7	29
84	Tunable Spinâ€Crossover Behavior of the Hofmannâ€like Network {Fe(bpac)[Pt(CN)₄]} through Hostâ€“Guest Chemistry. Chemistry - A European Journal, 2013, 19, 15036-15043.	1.7	36
85	Reversible Chemisorption of Sulfur Dioxide in a Spin Crossover Porous Coordination Polymer. Inorganic Chemistry, 2013, 52, 12777-12783.	1.9	72
86	First glimpse of the soft x-ray induced excited spin-state trapping effect dynamics on spin cross-over molecules. Journal of Chemical Physics, 2013, 139, 074708.	1.2	35
87	Fast Detection of Water and Organic Molecules by a Change of Color in an Iron(II) Microporous Spin-Crossover Coordination Polymer. Inorganic Chemistry, 2012, 51, 13078-13080.	1.9	24
88	Enhanced bistability by guest inclusion in Fe(ii) spin crossover porous coordination polymers. Chemical Communications, 2012, 48, 4686.	2.2	107
89	Heterobimetallic MOFs Containing Tetrathiocyanometallate Building Blocks: Pressure-Induced Spin Crossover in the Porous {Fe^{II}(pz)[Pd^{II}(SCN)₄]} 3D Coordination Polymer. Inorganic Chemistry, 2012, 51, 11126-11132.	1.9	21
90	A Switchable Molecular Rotator: Neutron Spectroscopy Study on a Polymeric Spin-Crossover Compound. Journal of the American Chemical Society, 2012, 134, 5083-5089.	6.6	118

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91	Sequestering Aromatic Molecules with a Spinâ€Crossover Fe^{II} Microporous Coordination Polymer. Chemistry - A European Journal, 2012, 18, 8013-8018.	1.7	74
92	Synergetic Effect of Hostâ€“Guest Chemistry and Spin Crossover in 3D Hofmannâ€like Metalâ€“Organic Frameworks [Fe(bpac)M(CN)₄] (M=Pt, Pd, Ni). Chemistry - A European Journal, 2012, 18, 507-516.	1.7	107
93	High quality nano-patterned thin films of the coordination compound {Fe(pyrazine)[Pt(CN)4]} deposited layer-by-layer. New Journal of Chemistry, 2011, 35, 2089.	1.4	53
94	Enhanced porosity in a new 3D Hofmann-like network exhibiting humidity sensitive cooperative spin transitions at room temperature. Journal of Materials Chemistry, 2011, 21, 7217.	6.7	90
95	Three-Dimensional Mixed-Ligand Coordination Polymers with Ferromagnetically Coupled Cyclic Tetranuclear Copper(II) Units Bonded by Weak Interactions. Crystal Growth and Design, 2011, 11, 4344-4352.	1.4	14
96	Thermal and pressure-induced spin crossover in a novel three-dimensional Hoffman-like clathrate complex. New Journal of Chemistry, 2011, 35, 1205.	1.4	33
97	Pressure-Induced Cooperative Spin Transition in Iron(II) 2D Coordination Polymers: Room-Temperature Visible Spectroscopic Study. Journal of Physical Chemistry B, 2011, 115, 8176-8182.	1.2	26
98	Synthesis, crystal structures, and solid state quadratic nonlinear optical properties of a series of stilbazolium cations combined with gold cyanide counter-ion. Journal of Materials Chemistry, 2011, 21, 15940.	6.7	25
99	A new N6 hexadentate ligand and a novel heptacoordinated N6O-type Fe(III) compounds: Synthesis, characterization and structure of [Fe(dimpyen)(OH)](A)2 (A=PF6â^' or ClO4â^'). Inorganica Chimica Acta, 2011, 375, 213-219.	1.2	10
100	Cooperative Spin Transition in the Two-Dimensional Coordination Polymer [Fe(4,4â€²-bipyridine)₂(NCX)₂]Â·4CHCl₃ (X = S, Se). Inorganic Chemistry, 2011, 50, 10633-10642.	1.9	79
101	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.	6.6	191
102	Guest Effect on Nanopatterned Spinâ€Crossover Thin Films. Small, 2011, 7, 3385-3391.	5.2	46
103	Thermo-, piezo-, photo- and chemo-switchable spin crossover iron(II)-metallocyanate based coordination polymers. Coordination Chemistry Reviews, 2011, 255, 2068-2093.	9.5	404
104	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.	3.2	131
105	[Fe^{III}(bztpen)(OCH₃)](PF₆)₂: Stable Methoxideâ€“Iron(III) Complex Exhibiting Spin Crossover Behavior in the Solid State. European Journal of Inorganic Chemistry, 2010, 2010, 5563-5567.	1.0	19
106	The two-dimensional iron(ii)â€“thiocyanateâ€“4,4â€²-bipyridine coordination network. CrystEngComm, 2010, 12, 3547.	1.3	27
107	Spectrum-sensitive phonon wipeout due to a fluctuating spin state in a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mtext>Fe</mml:mtext></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msup></mml:mrow></mml:math> polymer. Physical Review B, 2009, 79, .	1.1	5
108	Photomagnetism of a Series of Dinuclear Iron(II) Complexes. Chemistry - A European Journal, 2009, 15, 4146-4155.	1.7	52

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109	Synthesis and Characterisation of a New Series of Bistable Iron(II) Spinâ€Crossover 2D Metalâ€“Organic Frameworks. Chemistry - A European Journal, 2009, 15, 10960-10971.	1.7	114
110	Spin-Crossover 2D Metal-Organic Frameworks with a Redox-Active Ligand: [Fe(ttf-adpy)2M(CN)4]Â·nH2O (ttf-adpy = 4-Tetrathiafulvalenylcarboxamidopyridine; MII= Ni, Pd, Pt). European Journal of Inorganic Chemistry, 2009, 2009, 303-310.	1.0	30
111	Bidirectional Chemoâ€Switching of Spin State in a Microporous Framework. Angewandte Chemie - International Edition, 2009, 48, 4767-4771.	7.2	474
112	Oxidative Addition of Halogens on Open Metal Sites in a Microporous Spinâ€Crossover Coordination Polymer. Angewandte Chemie - International Edition, 2009, 48, 8944-8947.	7.2	164
113	A wide family of pyridoxal thiosemicarbazone ferric complexes: Syntheses, structures and magnetic properties. Inorganica Chimica Acta, 2009, 362, 56-64.	1.2	31
114	Bidirectional photo-switching of the spin state of iron(II) ions in a triazol based spin crossover complex within the thermal hysteresis loop. Chemical Physics Letters, 2009, 477, 156-159.	1.2	42
115	The pressure-induced spin transition in the Fe(phen)2(NCS)2 model compound. Russian Journal of Physical Chemistry A, 2009, 83, 951-954.	0.1	14
116	Electrochemical synthesis and structural characterization of Co(II), Ni(II) and Cu(II) complexes of N,N-bis(4,5-dimethyl-2-hydroxybenzyl)-N-(2-pyridylmethyl)amine. Dalton Transactions, 2009, , 8644.	1.6	34
117	Synthesis and X-ray Structures of a Series of Heteroleptic Selenites of Copper. Inorganic Chemistry, 2009, 48, 4031-4043.	1.9	6
118	Spin Crossover and Paramagnetic Behaviour in Two-Dimensional Iron(II) Coordination Polymers with Stilbazole Pushâ€“Pull Ligands. Australian Journal of Chemistry, 2009, 62, 1155.	0.5	26
119	Polynuclear Spin Crossover Complexes: Synthesis, Structure, and Magnetic Behavior of Inorganic Chemistry, 2009, 48, 3710-3719.	1.9	64
120	Spin-Crossover Behavior in Cyanide-Bridged Iron(II)â^'Copper(I) Bimetallic 1â^'3D Metalâ^'Organic Frameworks. Inorganic Chemistry, 2009, 48, 3371-3381.	1.9	49
121	Polymorphism and â€œreverseâ€•spin transition in the spin crossover system [Co(4-terpyridone)2](CF3SO3)2Â·1H2O. New Journal of Chemistry, 2009, 33, 1262.	1.4	45
122	Temperature and pressure effects on the spin state of ferric ions in the [Fe(sal2-trien)][Ni(dmit)2] spin crossover complex. Journal of Physics and Chemistry of Solids, 2008, 69, 2681-2686.	1.9	18
123	On the Photomagnetic Properties of the Binuclear Spin Crossover Complexes {[Fe(bt)(NCSe)2]2(bpym)} and {[Fe(bpym)(NCSe)2]2(bpym)}. Journal of Inorganic and Organometallic Polymers and Materials, 2008, 18, 195-200.	1.9	10
124	Spinâ€Crossover Nanocrystals with Magnetic, Optical, and Structural Bistability Near Room Temperature. Angewandte Chemie - International Edition, 2008, 47, 6433-6437.	7.2	281
125	Light induced excited spin state trapping in the binuclear spin crossover compound [Fe(bpym)(NCS)2]2(bpym) exhibiting a high-spin ground state. Chemical Physics Letters, 2008, 456, 215-219.	1.2	4
126	Synthesis, crystal structure and magnetic properties of the spin crossover system [Fe(pq)3]2+. Inorganica Chimica Acta, 2008, 361, 4047-4054.	1.2	5

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127	Thermal, pressure and light induced spin transition in the two-dimensional coordination polymer {Fe(pmd)2[Cu(CN)2]2}. Dalton Transactions, 2008, , 642-649.	1.6	24
128	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.	3.2	152
129	Spin-Crossover Behavior in Cyanide-bridged Iron(II)â^'Gold(I) Bimetallic 2D Hofmann-like Metalâ^'Organic Frameworks. Inorganic Chemistry, 2008, 47, 2552-2561.	1.9	103
130	Spin-Crossover Behavior in Cyanide-Bridged Iron(II)â^'Silver(I) Bimetallic 2D Hofmann-like Metalâ^'Organic Frameworks. Inorganic Chemistry, 2007, 46, 8182-8192.	1.9	83
131	Synthesis and Relative Stability of a Series of Compounds of Type [Fe(II)(bztpen)X]⁺, Where bztpen = Pentadentate Ligand, N₅, and X⁻ = Monodentate Anion. Inorganic Chemistry, 2007, 46, 7285-7293.	1.9	31
132	Thermal- and Pressure-Induced Cooperative Spin Transition in the 2D and 3D Coordination Polymers {Fe(5-Br-pmd)_z[M(CN)_x]_y} (M =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Chemistry, 2007, 46, 9646-9654.	1.9	61
133	Wavelength selective light-induced magnetic effects in the binuclear spin crossover compound{[Fe(bt)(NCS)2]2(bpym)}. Physical Review B, 2007, 75, .	1.1	48
134	Electrical Conductivity and Spin Crossover:â€‰A New Achievement with a Metal Bis Dithiolene Complex. Inorganic Chemistry, 2007, 46, 8548-8559.	1.9	104
135	A Combined Topâ€Down/Bottomâ€Up Approach for the Nanoscale Patterning of Spinâ€Crossover Coordination Polymers. Advanced Materials, 2007, 19, 2163-2167.	11.1	202
136	[(Pyridylcarbonyl)pyridyl]triazolopyridines, Useful Ligands for the Construction of Polynuclear Coordination Compounds â€“ Synthesis, Crystal Structure and Magnetic Properties of a Novel Tetranuclear Copper(II) Cubane. European Journal of Inorganic Chemistry, 2007, 2007, 4574-4578.	1.0	27
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