Azzedine Bousseksou

List of Publications by Year
in descending order

185	11,042	25034	34986
papers	citations	57 h-index	98 g-index

187	187	187	5360
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cluster approach to ferromagnetic Ising-type model for spin-crossover systems. Chinese Journal of Physics, 2022, 75, 226-234.	3.9	2
2	Robust linear control of a bending molecular artificial muscle based on spin crossover molecules. Sensors and Actuators A: Physical, 2022, 335, 113359.	4.1	5
3	Effect of the spin crossover filler concentration on the performance of composite bilayer actuators. Chemical Physics Letters, 2022, 793, 139438.	2.6	10
4	Sequential Activation of Molecular and Macroscopic Spinâ€State Switching within the Hysteretic Region Following Pulsed Light Excitation (Adv. Mater. 6/2022). Advanced Materials, 2022, 34, .	21.0	0
5	Photoactuation of micromechanical devices by photochromic molecules. Materials Advances, 2021, 2, 5057-5061.	5.4	2
6	Role of Surface Effects in the Vibrational Density of States and the Vibrational Entropy in Spin Crossover Nanomaterials: A Molecular Dynamics Investigation. Magnetochemistry, 2021, 7, 27.	2.4	4
7	Rip It off: Nitro to Nitroso Reduction by Iron Half-Sandwich Complexes. Inorganic Chemistry, 2021, 60, 4986-4995.	4.0	5
8	Influence of the ultra-slow nucleation and growth dynamics on the room-temperature hysteresis of spin-crossover single crystals. Chemical Physics Letters, 2021, 770, 138442.	2.6	1
9	Complete and Versatile Postâ€Synthetic Modification on Ironâ€Triazole Spin Crossover Complexes: A Relevant Material Elaboration Method. European Journal of Inorganic Chemistry, 2021, 2021, 2000-2016.	2.0	9
10	Investigation of the Effect of Spin Crossover on the Static and Dynamic Properties of MEMS Microcantilevers Coated with Nanocomposite Films of [Fe(Htrz)2(trz)](BF4)@P(VDF-TrFE). Magnetochemistry, 2021, 7, 114.	2.4	8
11	On the Spin-State Dependence of Redox Potentials of Spin Crossover Complexes. Inorganic Chemistry, 2020, 59, 18402-18406.	4.0	6
12	4D printing with spin-crossover polymer composites. Journal of Materials Chemistry C, 2020, 8, 6001-6005.	5.5	31
13	A molecular spin-crossover film allows for wavelength tuning of the resonance of a Fabryâ€“Perot cavity. Journal of Materials Chemistry C, 2020, 8, 8007-8011.	5.5	7
14	Scanning Probe Microscopy Analysis of Nonfullerene Organic Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 29520-29527.	8.0	3
15	Spin crossover polymer composites, polymers and related soft materials. Coordination Chemistry Reviews, 2020, 419, 213396.	18.8	66
16	Mechano-electric coupling in P(VDFâ€“TrFE)/spin crossover composites. Journal of Materials Chemistry C, 2020, 8, 6042-6051.	5.5	21
17	Ligand substitution effects on the charge transport properties of the spin crossover complex [Fe(Htrz)1+yâ^'x (trz)2â^'y (NH2trz) x](BF4)yÂ·nH2O. Journal of Physics Condensed Matter, 2020, 32, 264002.	1.8	1
18	Spin crossover in Fe(triazole)â€“Pt nanoparticle self-assembly structured at the sub-5 nm scale. Nanoscale, 2020, 12, 8180-8187.	5.6	9

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19	Resistance switching in large-area vertical junctions of the molecular spin crossover complex [Fe(HB(tz)₃)₂]: ON/OFF ratios and device stability. Journal of Physics Condensed Matter, 2020, 32, 214010.	1.8	12
20	Molecular Spin Crossover Materials: Review of the Lattice Dynamical Properties. Annalen Der Physik, 2019, 531, 1900076.	2.4	57
21	Bilayer Thin Films That Combine Luminescent and Spin Crossover Properties for an Efficient and Reversible Fluorescence Switching. Magnetochemistry, 2019, 5, 28.	2.4	8
22	Effects of solvent vapor annealing on the crystallinity and spin crossover properties of thin films of [Fe(HB(tz)3)2]. Comptes Rendus Chimie, 2019, 22, 525-533.	0.5	12
23	Phase Stability of Spin-Crossover Nanoparticles Investigated by Synchrotron MÃ¶ssbauer Spectroscopy and Small-Angle Neutron Scattering. Journal of Physical Chemistry Letters, 2019, 10, 1511-1515.	4.6	7
24	Broad-Band Dielectric Spectroscopy Reveals Peak Values of Conductivity and Permittivity Switching upon Spin Crossover. Journal of Physical Chemistry Letters, 2019, 10, 7391-7396.	4.6	11
25	Complete post-synthetic modification of a spin crossover complex. Dalton Transactions, 2019, 48, 16853-16856.	3.3	15
26	Coupling Mechanical and Electrical Properties in Spin Crossover Polymer Composites. Advanced Materials, 2018, 30, 1705275.	21.0	76
27	Scan-rate and vacuum pressure dependence of the nucleation and growth dynamics in a spin-crossover single crystal: the role of latent heat. Physical Chemistry Chemical Physics, 2018, 20, 9139-9145.	2.8	13
28	Control of the Phase Stability in Spinâ€Crossover Coreâ€“Shell Nanoparticles through the Elastic Interface Energy. European Journal of Inorganic Chemistry, 2018, 2018, 435-442.	2.0	22
29	Elasticity of Prussianâ€Blueâ€Analogue Nanoparticles. European Journal of Inorganic Chemistry, 2018, 2018, 443-448.	2.0	12
30	Spin Crossover Nanomaterials: From Fundamental Concepts to Devices. Advanced Materials, 2018, 30, 1703862.	21.0	403
31	Thermodynamical aspects of the spin crossover phenomenon. Comptes Rendus Chimie, 2018, 21, 1060-1074.	0.5	57
32	In memoriam of Professor John J. McGarvey. Comptes Rendus Chimie, 2018, 21, 1055-1055.	0.5	17
33	Magnetite Fe₃O₄ Has no Intrinsic Peroxidase Activity, and Is Probably not Involved in Alzheimer's Oxidative Stress. Angewandte Chemie - International Edition, 2018, 57, 14758-14763.	13.8	41
34	Magnetite Fe₃O₄ Has no Intrinsic Peroxidase Activity, and Is Probably not Involved in Alzheimer's Oxidative Stress. Angewandte Chemie, 2018, 130, 14974-14979.	2.0	11
35	Deciphering the Influence of Meridional versus Facial Isomers in Spin Crossover Complexes. Chemistry - A European Journal, 2018, 24, 16873-16888.	3.3	13
36	Spin-Crossover in an Exfoliated 2D Coordination Polymer and Its Implementation in Thermochromic Films. ACS Applied Nano Materials, 2018, 1, 2662-2668.	5.0	22

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37	Micromachiningâ€Compatible, Facile Fabrication of Polymer Nanocomposite Spin Crossover Actuators. Advanced Functional Materials, 2018, 28, 1801970.	14.9	42
38	Complete Set of Elastic Moduli of a Spin-Crossover Solid: Spin-State Dependence and Mechanical Actuation. Journal of the American Chemical Society, 2018, 140, 8970-8979.	13.7	60
39	Vacuum deposition of high-quality thin films displaying spin transition near room temperature. Journal of Materials Chemistry C, 2017, 5, 4419-4425.	5.5	55
40	Investigation of surface energies in spin crossover nanomaterials: the role of surface relaxations. Physical Chemistry Chemical Physics, 2017, 19, 12276-12281.	2.8	19
41	Surface transition in spin crossover nanoparticles. Chemical Physics Letters, 2017, 678, 107-111.	2.6	12
42	Piezoresistive Effect in the [Fe(Htrz)₂(trz)](BF₄) Spin Crossover Complex. Journal of Physical Chemistry Letters, 2017, 8, 3147-3151.	4.6	29
43	Unprecedented Size Effect on the Phase Stability of Molecular Thin Films Displaying a Spin Transition. Journal of Physical Chemistry C, 2017, 121, 25617-25621.	3.1	25
44	Magnetic Susceptibility Study of Subâ€Picoâ€emu Sample Using a Micromagnetometer: An Investigation through Bistable Spinâ€Crossover Materials. Advanced Materials, 2017, 29, 1703073.	21.0	22
45	Nearâ€Infrared Luminescence Switching in a Spinâ€Crossover Polymer Nanocomposite. European Journal of Inorganic Chemistry, 2017, 2017, 3446-3451.	2.0	11
46	CdTe Quantum Dot Fluorescence Modulation by Spin Crossover. Magnetochemistry, 2016, 2, 11.	2.4	18
47	Charge Transport and Electrical Properties of Spin Crossover Materials: Towards Nanoelectronic and Spintronic Devices. Magnetochemistry, 2016, 2, 18.	2.4	166
48	Current Switching Coupled to Molecular Spinâ€States in Largeâ€Area Junctions. Advanced Materials, 2016, 28, 7508-7514.	21.0	93
49	Spatially Resolved Investigation and Control of the Bistability in Single Crystals of the [Fe(bbpya)(NCS)₂] Spin Crossover Complex. Journal of Physical Chemistry C, 2016, 120, 27608-27617.	3.1	10
50	Raman and nuclear inelastic scattering study of the lattice dynamics of the [Fe(H 2 B(pz) 2) 2 (phen)] spin crossover complex. Chemical Physics Letters, 2016, 653, 131-136.	2.6	18
51	High Spatial Resolution Imaging of Transient Thermal Events Using Materials with Thermal Memory. Small, 2016, 12, 6325-6331.	10.0	23
52	Electronic Structure Modulation in an Exceptionally Stable Nonâ€Heme Nitrosyl Iron(II) Spinâ€Crossover Complex. Chemistry - A European Journal, 2016, 22, 12741-12751.	3.3	15
53	Switchable molecule-based materials for micro- and nanoscale actuating applications: Achievements and prospects. Coordination Chemistry Reviews, 2016, 308, 395-408.	18.8	206
54	Synthesis of Nanoscale Coordination Polymers in Femtoliter Reactors on Surfaces. ACS Nano, 2016, 10, 3206-3213.	14.6	25

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55	One synthesis: two redox states. Temperature-oriented crystallization of a charge transfer {Fe₂Co₂} square complex in a {FeIILSCoIIILS}₂ diamagnetic or {FeIIILSCoIIHS}₂ paramagnetic state. RSC Advances, 2016, 6, 17456-17459.	3.6	39
56	Unidirectional electric field-induced spin-state switching in spin crossover based microelectronic devices. Chemical Physics Letters, 2016, 644, 138-141.	2.6	58
57	Spinâ€Crossover Nanoâ€•and Micrometric Rodâ€Shaped Particles Synthesized in Homogeneous Acid Media. European Journal of Inorganic Chemistry, 2015, 2015, 3336-3342.	2.0	13
58	Investigation of nucleation and growth phenomena during the thermal and light induced spin transition in the [Fe(1-bpp)₂][BF₄]₂ complex. Pure and Applied Chemistry, 2015, 87, 261-270.	1.9	10
59	Impact of single crystal properties on nucleation and growth mechanisms of a spin transition. Polyhedron, 2015, 87, 411-416.	2.2	6
60	Light induced modulation of charge transport phenomena across the bistability region in [Fe(Htrz)₂(trz)](BF₄) spin crossover micro-rods. Physical Chemistry Chemical Physics, 2015, 17, 5151-5154.	2.8	33
61	Spin-crossover metalâ€“organic frameworks: promising materials for designing gas sensors. Journal of Materials Chemistry C, 2015, 3, 1277-1285.	5.5	102
62	Fe^{II}(pap-5NO₂)₂ and Fe^{II}(qsal-5NO₂)₂ Schiff-Base Spin-Crossover Complexes: A Rare Example with Photomagnetism and Room-Temperature Bistability. Inorganic Chemistry, 2015, 54, 1791-1799.	4.0	47
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.	4.0	34
64	Polymorphism-Dependent Spin-Crossover: Hysteretic Two-Step Spin Transition with an Ordered [HSâ€“HSâ€“LS] Intermediate Phase. Inorganic Chemistry, 2015, 54, 5145-5147.	4.0	49
65	Metal Substitution Effects on the Charge Transport and Spin Crossover Properties of [Fe_{1â€“x}Zn_x(Htrz)₂(trz)](BF₄) (trz =) Tj ETQq1 1 0.784314 rgBT /Ov	3.0	24
66	On the stability of spin crossover materials: From bulk samples to electronic devices. Polyhedron, 2015, 102, 434-440.	2.2	33
67	Effect of ligand substitution in [Fe(H-trz)2(trz)]BF4 spin crossover nanoparticles. French-Ukrainian Journal of Chemistry, 2015, 3, 66-72.	0.4	10
68	Hybrid spin-crossover nanostructures. Beilstein Journal of Nanotechnology, 2014, 5, 2230-2239.	2.8	53
69	Cellulose fiber nanocomposites displaying spin-crossover properties. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 456, 35-40.	4.7	20
70	Finite size effects in molecular spin crossover materials. New Journal of Chemistry, 2014, 38, 1834.	2.8	59
71	Non-extensivity of thermodynamics at the nanoscale in molecular spin crossover materials: a balance between surface and volume. Physical Chemistry Chemical Physics, 2014, 16, 7358.	2.8	40
72	Emerging properties and applications of spin crossover nanomaterials. Journal of Materials Chemistry C, 2014, 2, 1360-1366.	5.5	151

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73	Spin crossover composite materials for electrothermomechanical actuators. Journal of Materials Chemistry C, 2014, 2, 2949-2955.	5.5	82
74	AFM Imaging of Molecular Spinâ€State Changes through Quantitative Thermomechanical Measurements. Advanced Materials, 2014, 26, 2889-2893.	21.0	27
75	Tuning the spin crossover in nano-objects: From hollow to coreâ€“shell particles. Chemical Physics Letters, 2014, 607, 10-14.	2.6	29
76	Spin crossover polysaccharide nanocomposites. New Journal of Chemistry, 2013, 37, 3420.	2.8	31
77	Atomic force microscopy and near-field optical imaging of a spin transition. Nanoscale, 2013, 5, 7762.	5.6	12
78	Enhanced Cooperative Interactions at the Nanoscale in Spin-Crossover Materials with a First-Order Phase Transition. Physical Review Letters, 2013, 110, 235701.	7.8	109
79	Nanoâ€electromanipulation of Spin Crossover Nanorods: Towards Switchable Nanoelectronic Devices. Advanced Materials, 2013, 25, 1745-1749.	21.0	132
80	Spectroscopic, structural and magnetic investigations of iron(II) complexes based on 1-isopropyl- and 1-isobutyl-substituted tetrazole ligands. Inorganica Chimica Acta, 2013, 396, 92-100.	2.4	11
81	SERS-active substrates for investigating ultrathin spin-crossover films. Microelectronic Engineering, 2013, 111, 365-368.	2.4	10
82	Synergistic switching of plasmonic resonances and molecular spin states. Nanoscale, 2013, 5, 5288.	5.6	34
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.	3.3	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.	3.3	36
85	Magnetism and Molecular Nonlinear Optical Second-Order Response Meet in a Spin Crossover Complex. Journal of Physical Chemistry C, 2012, 116, 11251-11255.	3.1	29
86	Spectroscopic and Magnetic Properties of the Metastable States in the Coordination Network [{Co(prm)₂}₂{Co(H₂O)₂}{W(CN)₈}₂]Â·4H₂ (prm = pyrimidine). Inorganic Chemistry, 2012, 51, 2852-2859.	4.7	17
87	Soft lithographic patterning of spin crossover complexes. Part 2: stimuli-responsive diffraction grating properties. Journal of Materials Chemistry, 2012, 22, 3752.	6.7	30
88	Remarkably high-temperature spin transition exhibited by new 2D metalâ€“organic frameworks. Chemical Science, 2012, 3, 1629.	7.4	68
89	Triggering a Phase Transition by a Spatially Localized Laser Pulse: Role of Strain. Physical Review Letters, 2012, 109, 135702.	7.8	38
90	High-pressure spin-crossover in a dinuclear Fe(ii) complex. Physical Chemistry Chemical Physics, 2012, 14, 5265.	2.8	73

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91	Micro- and nanocrystals of the iron(iii) spin-transition material [FeIII(3-MeO-SalEen)2]PF6. Journal of Materials Chemistry, 2012, 22, 3411.	6.7	42
92	Synthesis of [Fe(hptrz)3](OTs)2 spin crossover nanoparticles in microemulsion. Polyhedron, 2012, 38, 245-250.	2.2	19
93	Laserâ€Induced Artificial Defects (LIADs): Towards the Control of the Spatiotemporal Dynamics in Spin Transition Materials. Advanced Materials, 2012, 24, 2475-2478.	21.0	23
94	Laser-Induced Artificial Defects (LIADs): Towards the Control of the Spatiotemporal Dynamics in Spin Transition Materials (Adv. Mater. 18/2012). Advanced Materials, 2012, 24, 2474-2474.	21.0	0
95	Antagonism between Extreme Negative Linear Compression and Spin Crossover in [Fe(dpp)₂(NCS)₂]â‹…py. Angewandte Chemie - International Edition, 2012, 51, 3910-3914.	13.8	105
96	Synthesis of Spinâ€Crossover Nanoâ€and Microâ€objects in Homogeneous Media. Chemistry - A European Journal, 2012, 18, 9946-9954.	3.3	63
97	Soft lithographic patterning of spin crossover complexes. Part 1: fluorescent detection of the spin transition in single nano-objects. Journal of Materials Chemistry, 2012, 22, 3745.	6.7	65
98	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.	3.3	107
99	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.	2.8	53
100	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
101	Thermal and pressure-induced spin crossover in a novel three-dimensional Hoffman-like clathrate complex. New Journal of Chemistry, 2011, 35, 1205.	2.8	33
102	Synthesis of spin crossover nano-objects with different morphologies and properties. New Journal of Chemistry, 2011, 35, 2081.	2.8	46
103	Molecular spin crossover phenomenon: recent achievements and prospects. Chemical Society Reviews, 2011, 40, 3313.	38.1	1,163
104	Surface Plasmons Reveal Spin Crossover in Nanometric Layers. Journal of the American Chemical Society, 2011, 133, 15342-15345.	13.7	49
105	Guest Effect on Nanopatterned Spinâ€Crossover Thin Films. Small, 2011, 7, 3385-3391.	10.0	46
106	Thin Films of Prussian Blue: Sequential Assembly, Patterning and Electron Transport Properties at the Nanometric Scale. Journal of Nanoscience and Nanotechnology, 2010, 10, 5042-5050.	0.9	14
107	Raman spectroscopic and optical imaging of high spin/low spin domains in a spin crossover complex. Chemical Physics Letters, 2010, 499, 94-99.	2.6	46
108	Toxicological Methods for Tracing Drug Abuse: Chromatographic, Spectroscopic and Biological Characterisation of Ecstasy Derivatives. Arhiv Za Higijenu Rada I Toksikologiju, 2010, 61, 53-59.	0.7	3

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109	A novel approach for fluorescent thermometry and thermal imaging purposes using spin crossover nanoparticles. Journal of Materials Chemistry, 2010, 20, 5499.	6.7	154
110	Series of M^I[Co(bpy)₃][Mo(CN)₈]Â·nH₂O (M^I= Li (1), K (2), Rb (3), Cs (4);n= 7â^'8) Exhibiting Reversible Diamagnetic to Paramagnetic Transition Coupled with Dehydrationâ^'Rehydration Process. Inorganic Chemistry, 2010, 49, 2765-2772.	4.0	21
111	Soft Lithographic Patterning of Spin Crossover Nanoparticles. Langmuir, 2010, 26, 1557-1560.	3.5	63
112	Ligand Strain and the Nature of Spin Crossover in Binuclear Complexes: Twoâ€Step Spin Crossover in a 4,4â€²â€Bipyridineâ€Bridged Iron(II) Complex [{Fe(dpia)(NCS)₂}₂(4,4â€²â€bpy)] (dpia=di(2â€picolyl)amine; 4,4â€²â€bpy=4,4â€²â€bipyridine). Chemistry - A European Journal, 2009, 15, 10070-10082.	3.3	55
113	Valence-Tautomeric RbMnFe Prussian Blue Analogues: Composition and Time Stability Investigation. European Journal of Inorganic Chemistry, 2009, 2009, 760-768.	2.0	7
114	Two new Fe(II) spin crossover complexes with tetrazol-1-yl-cycloalkane ligands. Inorganica Chimica Acta, 2009, 362, 3629-3636.	2.4	14
115	One laser shot induced complete phase transition in the spin crossover complex Fe(pyrazine)[Pt(CN)4]. Polyhedron, 2009, 28, 1610-1613.	2.2	20
116	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.	2.6	42
117	Interplay between the Charge Transport Phenomena and the Charge-Transfer Phase Transition in Rb_xMn[Fe(CN)₆]_yÂ·zH₂O. Journal of Physical Chemistry C, 2009, 113, 2586-2593.	3.1	53
118	Two-Step Spin-Transition Iron(III) Compound with a Wide [High Spin-Low Spin] Plateau. Inorganic Chemistry, 2009, 48, 2128-2135.	4.0	72
119	Electric-Field-Induced Charge-Transfer Phase Transition: A Promising Approach Toward Electrically Switchable Devices. Journal of the American Chemical Society, 2009, 131, 15049-15054.	13.7	143
120	Re-investigation of the spin crossover phenomenon in the ferrous complex [Fe(HB(pz)3)2]. New Journal of Chemistry, 2009, 33, 1283.	2.8	63
121	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.	4.0	18
122	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.	3.7	10
123	First Dicyanamideâ€Bridged Spinâ€Crossover Coordination Polymer: Synthesis, Structural, Magnetic, and Spectroscopic Studies. Chemistry - A European Journal, 2008, 14, 697-705.	3.3	59
124	Comparative investigations on a series of [hexakis(1-(tetrazol-1-yl)alkane-N4)iron(II)] bis(tetrafluoroborate) spin crossover complexes: Methyl- to butyl-substituted species. Inorganica Chimica Acta, 2008, 361, 1291-1297.	2.4	17
125	Metal-to-ligand and ligand-to-metal charge transfer in thin films of Prussian blue analogues investigated by X-ray absorption spectroscopy. Physical Chemistry Chemical Physics, 2008, 10, 5882.	2.8	48
126	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

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127	Single-Laser-Shot-Induced Complete Bidirectional Spin Transition at Room Temperature in Single Crystals of (Fe^{II}(pyrazine)(Pt(CN)₄)). Journal of the American Chemical Society, 2008, 130, 9019-9024.	13.7	191
128	Investigation of the Two-Step Spin Crossover Complex Fe[5-NO2-sal-(1,4,7,10)] Using Density Functional Theory. Journal of Physical Chemistry A, 2007, 111, 8223-8228.	2.5	13
129	Correlation between the Stoichiometry and the Bistability of Electronic States in Valence-Tautomeric RbxMn[Fe(CN)6]yÂ·zH2O Complexes. European Journal of Inorganic Chemistry, 2007, 2007, 1549-1555.	2.0	29
130	Spin crossover and photomagnetism in dinuclear iron(II) compounds. Coordination Chemistry Reviews, 2007, 251, 1822-1833.	18.8	144
131	Crystal structure, magnetic properties and MÃ¶ssbauer studies of [Fe(qsal)2][Ni(dmit)2]. Inorganica Chimica Acta, 2007, 360, 3870-3878.	2.4	28
132	Structural investigation of the photoinduced spin conversion in the dinuclear compound {[Fe(bt)(NCS)2]2(bpym)}: toward controlled multi-stepped molecular switches. Journal of Applied Crystallography, 2007, 40, 158-164.	4.5	58
133	Vibrational spectrum of the spin crossover complex [Fe(phen)2(NCS)2] studied by IR and Raman spectroscopy, nuclear inelastic scattering and DFT calculations. Physical Chemistry Chemical Physics, 2006, 8, 4685-4693.	2.8	93
134	Noveltert-Butyl-tris(3-hydrocarbylpyrazol-1-yl)borate Ligands:Â Synthesis, Spectroscopic Studies, and Coordination Chemistry#. Inorganic Chemistry, 2006, 45, 5661-5674.	4.0	12
135	Two-step spin-crossover phenomenon under high pressure in the coordination polymer Fe(3-methylpyridine)2[Ni(CN)4]. Chemical Physics Letters, 2006, 423, 152-156.	2.6	55
136	Photoswitching of the Dielectric Constant of the Spin-Crossover Complex [Fe(L)(CN)2]â‹…H2O. Angewandte Chemie - International Edition, 2006, 45, 1625-1629.	13.8	131
137	Tetra- and Decanuclear Iron(II) Complexes of Thiacalixarene Macrocycles: Synthesis, Structure, MÃ¶ssbauer Spectroscopy and Magnetic Properties. European Journal of Inorganic Chemistry, 2006, 2006, 357-365.	2.0	68
138	A Two-Step Spin Transition and Orderâ€“Disorder Phenomena in the Mononuclear Compound [Fe(Hpy-DAPP)](BF4)2. European Journal of Inorganic Chemistry, 2006, 2006, 2671-2682.	2.0	48
139	Synthesis of a BEDT-TTF Bipyridine Organic Donor and the First FeII Coordination Complex with a Redox-Active Ligand. European Journal of Inorganic Chemistry, 2006, 2006, 3498-3502.	2.0	55
140	Decoupling of the molecular spin-state and the crystallographic phase in the spin-crossover complex [Fe(ptz)6](BF4)2 studied by Raman spectroscopy. Chemical Physics Letters, 2005, 402, 503-509.	2.6	24
141	Isotope effects on the vibrational spectra of the Fe(Phen)2(NCS)2 spin-crossover complex studied by density functional calculations. Comptes Rendus Chimie, 2005, 8, 1317-1325.	0.5	18
142	Towards Molecular Conductors with a Spin-Crossover Phenomenon:Crystal Structures, Magnetic Properties and MÃ¶ssbauer Spectra of[Fe(salten)Mepepy][M(dmit)2] Complexes. European Journal of Inorganic Chemistry, 2005, 2005, 3261-3270.	2.0	58
143	Cover Picture: One Shot Laser Pulse Induced Reversible Spin Transition in the Spin-Crossover Complex [Fe(C4H4N2){Pt(CN)4}] at Room Temperature (Angew. Chem. Int. Ed. 26/2005). Angewandte Chemie - International Edition, 2005, 44, 3943-3943.	13.8	6
144	High-spin to low-spin relaxation kinetics in the [Fe(TRIM)2]Cl2 complex. Physical Chemistry Chemical Physics, 2005, 7, 2909.	2.8	30

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145	Two Novel Iron(II) Materials Based on Dianionic N4O2Schiff Bases:Â Structural Properties and		

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163	Thermal and Optical Switching of Molecular Spin States in the {[FeL[H2B(pz)2]2} Spin-Crossover System (L = bpy, phen)â€. Journal of Physical Chemistry B, 2002, 106, 4276-4283.	2.6	105
164	Mass Effect on the Equienergetic High-Spin/Low-Spin States of Spin-Crossover in 4,4â€˜-Bipyridine-Bridged Iron(II) Polymeric Compounds:Â Synthesis, Structure, and Magnetic, MÃ¶ssbauer, and Theoretical Studies. Inorganic Chemistry, 2002, 41, 6997-7005.	4.0	54
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