

# Birgit Weber

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

126  
papers

3,320  
citations

29  
h-index

53  
g-index

141  
ext. papers

3,652  
ext. citations

4.3  
avg, IF

5.6  
L-index

#	Paper	IF	Citations
126	Combining Metal Nanoparticles with an Ir(III) Photosensitizer. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 25765-25773	3.8	
125	In celebration of the 70th birthday of Peter Kläfers. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2021</b> , 647, 801-802	1.3	
124	Running in the Family: Molecular Factors controlling Spin Crossover of Iron(II) Complexes with Schiff-base like Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2021</b> , 647, 905-914	1.3	2
123	An Iron(II) Spin Crossover Complex with a Maleonitrile Schiff base-like Ligand and Scan Rate-dependent Hysteresis above Room Temperature. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2021</b> , 647, 896-904	1.3	2
122	Probing the unpaired Fe spins across the spin crossover of a coordination polymer. <i>Materials Advances</i> , <b>2021</b> , 2, 760-768	3.3	0
121	Spin States of 1D Iron(II) Coordination Polymers with Redox Active TTF(py) <sub>2</sub> as Bridging Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2021</b> , 647, 295-305	1.3	4
120	Superparamagnetic Silicon Carbonitride Ceramic Fibers Through In Situ Generation of Iron Silicide Nanoparticles During Pyrolysis of an Iron-Modified Polysilazane. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 8745-8753	9.5	2
119	A Fluorescence-Detected Coordination-Induced Spin State Switch. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 3466-3480	16.4	11
118	Iron(II) spin crossover complexes with a sulfur rich ligand backbone. <i>Journal of Applied Physics</i> , <b>2021</b> , 129, 083901	2.5	2
117	Quenched Lewis Acidity: Studies on the Medium Dependent Fluorescence of Zinc(II) Complexes. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 15158-15170	4.8	2
116	Magnetic NiFe O Nanoparticles Prepared via Non-Aqueous Microwave-Assisted Synthesis for Application in Electrocatalytic Water Oxidation. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 16990-17001	4.8	6
115	Magnetic properties and structural analysis on spinel MnFe <sub>2</sub> O <sub>4</sub> nanoparticles prepared via non-aqueous microwave synthesis. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2021</b> , 647, 2061	1.3	1
114	Modern Methods in Magnetism and Spin Crossover <b>2021</b> , 183-197		
113	Long-Term Colloidally Stable Aqueous Dispersions of 5 nm Spinel Ferrite Nanoparticles. <i>ChemistryOpen</i> , <b>2020</b> , 9, 1214-1220	2.3	1
112	Influence of CF <sub>3</sub> Substituents on the Spin Crossover Behavior of Iron(II) Coordination Polymers with Schiff Base-like Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2020</b> , 646, 800-807	1.3	3
111	Iron(II) Spin Crossover Complexes Based on a Redox Active Equatorial Schiff-Base-Like Ligand. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 8320-8333	5.1	15
110	Iron(II) Spin Crossover Complexes with 4,4'-Dipyridylethyne-Crystal Structures and Spin Crossover with Hysteresis. <i>Molecules</i> , <b>2020</b> , 25,	4.8	2

109	Preface to the JPCM Special Issue on Molecular Magnetism. <i>Journal of Physics Condensed Matter</i> , <b>2020</b> , 32, 440201	1.8	2
108	Confined Crystallization of Spin-Crossover Nanoparticles in Block-Copolymer Micelles. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 5765-5770	16.4	14
107	Confined Crystallization of Spin-Crossover Nanoparticles in Block-Copolymer Micelles. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 5814-5819	3.6	0
106	Interplay of Spin Crossover and Coordination-Induced Spin State Switch for Iron Bis(pyrazolyl)methanes in Solution. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 15343-15354	5.1	6
105	Site selective adsorption of the spin crossover complex Fe(phen) <sub>2</sub> (NCS) on Au(111). <i>Journal of Physics Condensed Matter</i> , <b>2020</b> , 32, 324003	1.8	7
104	A Novel Synthesis Yielding Macroporous CaFe <sub>2</sub> O <sub>4</sub> Sponges for Solar Energy Conversion. <i>Solar Rrl</i> , <b>2020</b> , 4, 1900570	7.1	4
103	Spin crossover modulation in a coordination polymer with the redox-active bis-pyridyltetrathiafulvalene (pyTTF) ligand. <i>Chemical Communications</i> , <b>2020</b> , 56, 10469-10472	5.8	7
102	Tailoring the Size, Inversion Parameter, and Absorption of Phase-Pure Magnetic MgFe <sub>2</sub> O <sub>4</sub> Nanoparticles for Photocatalytic Degradations. <i>ACS Applied Nano Materials</i> , <b>2020</b> , 3, 11587-11599	5.6	12
101	Synthesis of Zn-based 1D and 2D coordination polymer nanoparticles in block copolymer micelles. <i>Nanoscale Advances</i> , <b>2020</b> , 2, 4557-4565	5.1	0
100	Generation of twisted nanowires with achiral organic amphiphilic copper complexes.. <i>RSC Advances</i> , <b>2019</b> , 9, 1807-1813	3.7	0
99	Amphiphilic iron(II) spin crossover coordination polymers: crystal structures and phase transition properties. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 1151-1163	7.1	19
98	Isostructural iron(III) spin crossover complexes with a tridentate Schiff base-like ligand: X-ray structures and magnetic properties. <i>Dalton Transactions</i> , <b>2019</b> , 48, 15376-15380	4.3	9
97	Towards New Robust Zn(II) Complexes for the Ring-Opening Polymerization of Lactide Under Industrially Relevant Conditions. <i>ChemistryOpen</i> , <b>2019</b> , 8, 1020-1026	2.3	10
96	Hydrogen-bonded supramolecular metal-imidazolate frameworks: gas sorption, magnetic and UV/Vis spectroscopic properties. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2019</b> , 94, 155-165	1.7	2
95	Iron(II) complexes with NO coordinating Schiff base-like equatorial ligand and 1,2-bis(pyridin-2-ylethynyl)benzene as axial pincer ligand. <i>Journal of Physics Condensed Matter</i> , <b>2019</b> , 31, 504002	1.8	4
94	Iron(II) Spin Crossover Polymers of Planar N <sub>2</sub> O <sub>2</sub> Schiff Base Templates and 4,4-Bis(pyridyl)urea Bridges. <i>Open Chemistry Journal</i> , <b>2019</b> , 6, 10-18	2.3	2
93	Anticancer properties of a new non-oxido vanadium(IV) complex with a catechol-modified 3,3'-diindolylmethane ligand. <i>Journal of Inorganic Biochemistry</i> , <b>2019</b> , 194, 1-6	4.2	17
92	Copper(II) complexes with tridentate Schiff base-like ligands: solid state and solution structures and anticancer activity. <i>Dalton Transactions</i> , <b>2019</b> , 48, 15220-15230	4.3	13

91	Kinetic Trapping Effects in Amphiphilic Iron(II) Spin Crossover Compounds. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 1278-1289	5.1	20
90	Novel Cu(II) complexes with NNO-Schiff base-like ligands [Structures and magnetic properties. <i>CrystEngComm</i> , <b>2018</b> , 20, 818-828	3.3	10
89	Spin-Crossover Iron(II) Coordination Polymer with Fluorescent Properties: Correlation between Emission Properties and Spin State. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 700-709	16.4	131
88	Probing Interactions of N-Donor Molecules with Open Metal Sites within Paramagnetic Cr-MIL-101: A Solid-State NMR Spectroscopic and Density Functional Theory Study. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 2135-2144	16.4	32
87	Mononuclear ferrous and ferric complexes. <i>Comptes Rendus Chimie</i> , <b>2018</b> , 21, 1196-1208	2.7	26
86	Self-Assembly of Magnetic Iron Oxide Nanoparticles Into Cuboidal Superstructures <b>2018</b> , 165-189		4
85	A Study on FeII, ZnII and CuII Complexes with Novel Tridentate Bis(pyrazolyl)methane Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2018</b> , 644, 1576-1592	1.3	2
84	Bis-meridional Fe spincrossover complexes of phenyl and pyridyl substituted 2-(pyridin-2-yl)-1,10-phenanthrolines. <i>Dalton Transactions</i> , <b>2018</b> , 47, 491-506	4.3	24
83	Synthesis and Optical Properties of Phenanthroline-Derived Schiff Base-Like Dinuclear Ru -Ni Complexes. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 5100-5111	4.8	13
82	Iron(II) and Iron(III) Complexes of Tridentate NNO Schiff Base-like Ligands [X-ray Structures and Magnetic Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2018</b> , 644, 1839-1848	1.3	4
81	Synthesis of iron(II) complexes with asymmetric N2O2 coordinating Schiff base-like ligands and their spin crossover properties. <i>Frontiers of Chemical Science and Engineering</i> , <b>2018</b> , 12, 400-408	4.5	12
80	Diverse Reactivity of ECp* (E = Al, Ga) toward Low-Coordinate Transition Metal Amides [TM(N(SiMe))] (TM = Fe, Co, Zn): Insertion, Cp* Transfer, and Orthometalation. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 3517-3525	5.1	25
79	Spin state variability in Fe complexes of substituted (2-(pyridin-2-yl)-1,10-phenanthroline) ligands as versatile terpyridine analogues. <i>Dalton Transactions</i> , <b>2017</b> , 46, 6218-6229	4.3	29
78	Iron(II) and Zinc(II) Complexes with Tetradentate Bis(pyrazolyl)methane Ligands as Catalysts for the Ring-Opening Polymerisation of rac-Lactide. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 1341-1354	2.2	27
77	Proton-driven coordination-induced spin state switch (PD-CISSS) of iron(ii) complexes. <i>Chemical Communications</i> , <b>2017</b> , 53, 971-974	5.8	38
76	Synthesis of a New Schiff Base-like Trinucleating Ligand and its Copper, Vanadyl, and Iron Complexes [Influence of the Bridging Ligand on the Magnetic Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2017</b> , 643, 1593-1599	1.3	7
75	Synthesis of Coordination Polymer Nanoparticles using Self-Assembled Block Copolymers as Template. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 18093-18100	4.8	28
74	Synthesis of [Fe(L)(L)] coordination polymer nanoparticles using blockcopolymer micelles. <i>Beilstein Journal of Nanotechnology</i> , <b>2017</b> , 8, 1318-1327	3	11

73	Spin Crossover Phenomenon in Coordination Compounds <b>2016</b> , 231-252		6
72	Synthesis of [Fe(L)(bipy)] spin crossover nanoparticles using blockcopolymer micelles. <i>Nanoscale</i> , <b>2016</b> , 8, 19058-19065	7-7	27
71	Iron(II) spin crossover complexes with diamionaphthalene-based Schiff base-like ligands: 1D coordination polymers. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 4687-4695	3-6	13
70	Solvent Influence on the Magnetic Properties of Iron(II) Spin-Crossover Coordination Compounds with 4,4'-Dipyridylethyne as Linker. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 2136-2143	2-3	15
69	Iron(II) spin crossover complexes with diamionaphthalene-based Schiff base-like ligands: mononuclear complexes. <i>Dalton Transactions</i> , <b>2015</b> , 44, 18065-77	4-3	21
68	Iron(II) Spin-Crossover Complexes with Schiff Base Like Ligands and N-Alkylimidazoles. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 408-413	2-3	4
67	Si(OCH <sub>2</sub> Fc) <sub>4</sub> : Synthesis, Electrochemical Behavior, and Twin Polymerization. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 3850-3860	2-3	1
66	Crystal Structure and Magnetic Properties of a Hexanuclear Copper(II) Carboxylate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2015</b> , 641, 1243-1246	1-3	3
65	Sonogenerated metal-hydrogen sponges for reactive hard templating. <i>Chemical Communications</i> , <b>2015</b> , 51, 7606-9	5-8	12
64	1D iron(II) spin crossover coordination polymers with 3,3'-azopyridine [kinetic trapping effects and spin transition above room temperature. <i>CrystEngComm</i> , <b>2015</b> , 17, 5389-5395	3-3	28
63	Modulation of the ligand-based fluorescence of 3d metal complexes upon spin state change. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 7925-7935	7-1	28
62	Self-assembly of smallest magnetic particles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 14484-9	11-5	65
61	Synthesis and characterization of 1D iron(II) spin crossover coordination polymers with hysteresis. <i>Dalton Transactions</i> , <b>2014</b> , 43, 1990-9	4-3	24
60	Water channels and zipper structures in Schiff base-like Cu(II) and Ni(II) mononuclear complexes. <i>CrystEngComm</i> , <b>2014</b> , 16, 6213-6218	3-3	18
59	Amphiphilic iron(II) complexes with short alkyl chains [crystal packing and spin transition properties. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 1965-1972	3-6	19
58	Koordinationschemie <b>2014</b> ,		1
57	Large thermal hysteresis for iron(II) spin crossover complexes with N-(pyrid-4-yl)isonicotinamide. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 11563-72	5-1	74
56	Synthesis of microcrystals of the [Fe(L)(bipy)] spin crossover coordination polymer in a poly-4-vinylpyridine matrix. <i>Chemistry - an Asian Journal</i> , <b>2014</b> , 9, 2232-8	4-5	15

55	CO <sub>2</sub> and SO <sub>2</sub> activation by a Cr-Cr quintuple bond. <i>Chemical Communications</i> , <b>2014</b> , 50, 13127-30	5.8	28
54	Structural complexity in metal-organic frameworks: simultaneous modification of open metal sites and hierarchical porosity by systematic doping with defective linkers. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 9627-36	16.4	195
53	N-Donor Competition in Iron Bis(chelate) Bis(pyrazolyl)pyridinylmethane Complexes. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2014</b> , 69, 1206-1214	1	7
52	Influence of the alkyl chain length on the self-assembly of amphiphilic iron complexes: an analysis of X-ray structures. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 6462-73	4.8	28
51	The ligand-based quintuple bond-shortening concept and some of its limitations. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 9825-32	4.8	60
50	A New Iron(II) Complex with Strongly Saddle Shaped Schiff Base like Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2013</b> , 639, 1763-1767	1.3	2
49	Biphenyl bridged hexadentate N <sub>6</sub> -ligands--a rigid ligand backbone for Fe(II) spin crossover complexes. <i>Dalton Transactions</i> , <b>2013</b> , 42, 8575-84	4.3	22
48	Novel Mononuclear Spin-Crossover Complexes <b>2013</b> , 55-76		8
47	Slow Self-Assembly Favors Hysteresis above Room Temperature for an Iron(II) 1D-Chain Spin-Crossover Complex. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 975-983	2.3	17
46	Light-Induced Excited Spin-State Properties in 1D Iron(II) Chain Compounds. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 2744-2750	2.3	14
45	Rare-Earth Metal Cations Incorporated Silica Hybrid Nanoparticles Templated by Cylindrical Polymer Brushes. <i>Chemistry of Materials</i> , <b>2013</b> , 25, 4585-4594	9.6	45
44	Proton NMR Investigations of Intermediate Spin Iron(III) Complexes with Macrocyclic N <sub>4</sub> Chelate Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2013</b> , 639, 1498-1503	1.3	1
43	A ladder type iron(II) coordination polymer with cooperative spin transition. <i>Chemical Communications</i> , <b>2012</b> , 48, 10222-4	5.8	25
42	Synthesis and Characterisation of Schiff Base-like Iron(II) Complexes with Imidazole as Axial Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2012</b> , 638, 98-102	1.3	10
41	Synthesis of Anionic Spin Crossover Complexes with Schiff Base like Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2012</b> , 638, 1093-1102	1.3	9
40	New Octahedral, Head-Tail Iron(II) Complexes with Spin Crossover Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 2759-2768	2.3	31
39	Iron(II) spin transition coordination polymers with a zigzag structure. <i>CrystEngComm</i> , <b>2012</b> , 14, 1223-1233	3.3	27
38	A detailed investigation into the electronic structures of macrocyclic iron(II)-nitrosyl compounds and their similarities to ferrous heme-nitrosyls. <i>Inorganica Chimica Acta</i> , <b>2012</b> , 380, 148-160	2.7	8

37	Crystal Structure of Iron(II) Acetate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2011</b> , 637, 102-107	48
36	Synthesis, Molecular Structure, and Physical Properties of the Complexes $[\{\text{PhB}(\text{pz})_2(\text{CH}_2\text{SMe})\}_2\text{M}]$ (M = MnII, FeII; pz = pyrazol-1-yl) Containing a Novel [N,N,S]-Heteroscorpionate Ligand. <i>European Journal of Inorganic Chemistry</i> , <b>2011</b> , 2011, 1709-1718	2.3 8
35	Influence of N-Substitution on the Oxidation of 2-Pyridylmethylamines with Bis(trimethylsilyl)amides of Iron(III) [Synthesis of Heteroleptic Iron(II) 2-Pyridylmethylamides. <i>European Journal of Inorganic Chemistry</i> , <b>2011</b> , 2011, 1584-1592	2.3 7
34	Two-Step versus One-Step Spin Transitions in Iron(II) 1D Chain Compounds. <i>European Journal of Inorganic Chemistry</i> , <b>2011</b> , 2011, 2803-2818	2.3 51
33	Complete Two-Step Spin-Transition in a 1D Chain Iron(II) Complex with a 110-K Wide Intermediate Plateau. <i>European Journal of Inorganic Chemistry</i> , <b>2011</b> , 2011, 3183-3192	2.3 32
32	Influence of Hydrogen Bonding on the Hysteresis Width in Iron(II) Spin-Crossover Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2011</b> , 2011, 3193-3206	2.3 94
31	Complete and incomplete spin transitions in 1D chain iron(II) compounds. <i>New Journal of Chemistry</i> , <b>2011</b> , 35, 691-700	3.6 49
30	Cooperative spin transition in a lipid layer like system. <i>Chemical Communications</i> , <b>2011</b> , 47, 7152-4	5.8 56
29	A Promising New Schiff Base-like Ligand for the Synthesis of Octahedral Iron(II) Spin Crossover Complexes. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2010</b> , 65, 323-328	1 21
28	X-ray Structure and Magnetic Properties of Two New Iron(II) 1D Coordination Polymers with Bis(imidazolyle)methane as Bridging Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2010</b> , 636, 183-187	1.3 4
27	Structure and Magnetic Properties of Iron(II/III) Complexes with N <sub>2</sub> O <sub>2</sub> Coordinating Schiff Base Like Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 465-477	2.3 74
26	Two New Iron(II) Spin-Crossover Complexes with N <sub>4</sub> O <sub>2</sub> Coordination Sphere and Spin Transition around Room Temperature. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 5527-5534	2.3 29
25	Control of Exchange Interactions in Trinuclear Complexes Based on Orthogonal Magnetic Orbitals. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, NA-NA	2.3 4
24	Magnetic Ordering in Iron(II) Complexes due to a 2D Network of Hydrogen Bonds. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2009</b> , 635, 130-133	1.3 19
23	Synthesis and Characterisation of a New Schiff-Base-like Ligand and its Iron(II) Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2009</b> , 635, NA-NA	1.3 3
22	New energetic materials: Synthesis and characterization of copper 5-nitriminotetrazolates. <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 2311-2320	2.7 83
21	X-ray structure and magnetic properties of dinuclear and polymer iron(II) complexes. <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 2341-2346	2.7 20
20	Strategies towards the purposeful design of long-range ferromagnetic ordering due to spin canting. <i>Polyhedron</i> , <b>2009</b> , 28, 1796-1801	2.7 11

19	Spin crossover complexes with N4O2 coordination sphere – The influence of covalent linkers on cooperative interactions. <i>Coordination Chemistry Reviews</i> , <b>2009</b> , 253, 2432-2449	23.2	164
18	Molekulare Bistabilität. <i>Nachrichten Aus Der Chemie</i> , <b>2009</b> , 57, 857-861	0.1	1
17	Cooperative Iron(II) spin crossover complexes with N4O2 coordination sphere. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 487-96	5.1	78
16	Synthesis and characterization of a dinuclear iron(II) spin crossover complex with wide hysteresis. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 10779-87	5.1	60
15	Magnetism and crystal structure of an N3O3-coordinated iron(II) complex. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2008</b> , 64, m237-9		5
14	Synthesis and Magnetic Properties of New Octahedral Iron(II) Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2008</b> , 634, 1421-1426	1.3	25
13	Stepwise Spin Transition in a Mononuclear Iron(II) Complex with Unusually Wide Plateau. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 1589-1598	2.3	65
12	Quenching the Hysteresis in Single Crystals of a 1D Chain Iron(II) Spin Crossover Complex. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 2963-2966	2.3	44
11	Synthesis and Characterisation of Two New Iron(II) Spin-Crossover Complexes with N4O2 Coordination Spheres – Optimizing Preconditions for Cooperative Interactions. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 4891-4898	2.3	25
10	An iron(II) spin-crossover complex with a 70 K wide thermal hysteresis loop. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 10098-101	16.4	202
9	Ein thermisch induzierter Spinübergang an einem Eisen(II)-Komplex mit einer 70 K breiten Hystereseschleife. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 10252-10255	3.6	51
8	Solution NMR studies of iron(II) spin-crossover complexes. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 6794-803	5.1	109
7	Synthesis, Magnetic Properties and X-ray Structure Analysis of a 1-D Chain Iron(II) Spin Crossover Complex with wide Hysteresis. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2007</b> , 633, 1159-1162	1.3	67
6	Synthesis, Characterization and Structure of Bis- and Tetrakis-Aziridine-Nickel(II) and Copper(II) Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2007</b> , 633, 1171-1177	1.3	11
5	BTA copper complexes. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 8044-52	5.1	158
4	The Relationship between the Structure and Magnetic Properties of Bioinspired Iron(ii/iii) Complexes with Schiff-Base-Like Chelate Ligands, Part I: Complexes with Dianionic [N4] Macrocycles. <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 2794-2811	2.3	39
3	Synthesis and magnetic properties of new dinuclear iron(II) complexes of a phenylene-bridge Schiff base analogue dinucleating ligand. <i>Heteroatom Chemistry</i> , <b>2005</b> , 16, 391-397	1.2	29
2	Nitrosyliron complexes of macrocyclic [N42] and open-chain [N2O22] chelate ligands: influence of the equatorial ligand on the NO binding mode. <i>Inorganica Chimica Acta</i> , <b>2002</b> , 337, 247-265	2.7	37



1	The Elemental Multifariousness of the Defect-Pyrochlore Crystal Structure and Application in Photocatalytic Hydrogen Generation. <i>Energy Technology</i> ,2100302	3.5	1
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