

Birgit Weber

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126
papers

3,320
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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	An iron(II) spin-crossover complex with a 70 K wide thermal hysteresis loop. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 10098-101	16.4	202
125	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> , 2014 , 136, 9627-36	16.4	195
124	Spin crossover complexes with N4O2 coordination sphere—the influence of covalent linkers on cooperative interactions. <i>Coordination Chemistry Reviews</i> , 2009 , 253, 2432-2449	23.2	164
123	BTA copper complexes. <i>Inorganic Chemistry</i> , 2005 , 44, 8044-52	5.1	158
122	Spin-Crossover Iron(II) Coordination Polymer with Fluorescent Properties: Correlation between Emission Properties and Spin State. <i>Journal of the American Chemical Society</i> , 2018 , 140, 700-709	16.4	131
121	Solution NMR studies of iron(II) spin-crossover complexes. <i>Inorganic Chemistry</i> , 2007 , 46, 6794-803	5.1	109
120	Influence of Hydrogen Bonding on the Hysteresis Width in Iron(II) Spin-Crossover Complexes. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 3193-3206	2.3	94
119	New energetic materials: Synthesis and characterization of copper 5-nitriminotetrazolates. <i>Inorganica Chimica Acta</i> , 2009 , 362, 2311-2320	2.7	83
118	Cooperative Iron(II) spin crossover complexes with N4O2 coordination sphere. <i>Inorganic Chemistry</i> , 2008 , 47, 487-96	5.1	78
117	Large thermal hysteresis for iron(II) spin crossover complexes with N-(pyrid-4-yl)isonicotinamide. <i>Inorganic Chemistry</i> , 2014 , 53, 11563-72	5.1	74
116	Structure and Magnetic Properties of Iron(II/III) Complexes with N2O22 ⁻ Coordinating Schiff Base Like Ligands. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 465-477	2.3	74
115	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> , 2007 , 633, 1159-1162	1.3	67
114	Self-assembly of smallest magnetic particles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 14484-9	11.5	65
113	Stepwise Spin Transition in a Mononuclear Iron(II) Complex with Unusually Wide Plateau. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 1589-1598	2.3	65
112	The ligand-based quintuple bond-shortening concept and some of its limitations. <i>Chemistry - A European Journal</i> , 2013 , 19, 9825-32	4.8	60
111	Synthesis and characterization of a dinuclear iron(II) spin crossover complex with wide hysteresis. <i>Inorganic Chemistry</i> , 2008 , 47, 10779-87	5.1	60
110	Cooperative spin transition in a lipid layer like system. <i>Chemical Communications</i> , 2011 , 47, 7152-4	5.8	56

109	Two-Step versus One-Step Spin Transitions in Iron(II) 1D Chain Compounds. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 2803-2818	2.3	51
108	Ein thermisch induzierter Spinübergang an einem Eisen(II)-Komplex mit einer 70 K breiten Hystereseschleife. <i>Angewandte Chemie</i> , 2008 , 120, 10252-10255	3.6	51
107	Complete and incomplete spin transitions in 1D chain iron(II) compounds. <i>New Journal of Chemistry</i> , 2011 , 35, 691-700	3.6	49
106	Crystal Structure of Iron(II) Acetate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011 , 637, 102-107	3.7	48
105	Rare-Earth Metal Cations Incorporated Silica Hybrid Nanoparticles Templated by Cylindrical Polymer Brushes. <i>Chemistry of Materials</i> , 2013 , 25, 4585-4594	9.6	45
104	Quenching the Hysteresis in Single Crystals of a 1D Chain Iron(II) Spin Crossover Complex. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 2963-2966	2.3	44
103	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> , 2005 , 2005, 2794-2811	2.3	39
102	Proton-driven coordination-induced spin state switch (PD-CISSS) of iron(ii) complexes. <i>Chemical Communications</i> , 2017 , 53, 971-974	5.8	38
101	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> , 2002 , 337, 247-265	2.7	37
100	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> , 2018 , 140, 2135-2144	16.4	32
99	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> , 2011 , 2011, 3183-3192	2.3	32
98	New Octahedral, Head-Tail Iron(II) Complexes with Spin Crossover Properties. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 2759-2768	2.3	31
97	Spin state variability in Fe complexes of substituted (2-(pyridin-2-yl)-1,10-phenanthroline) ligands as versatile terpyridine analogues. <i>Dalton Transactions</i> , 2017 , 46, 6218-6229	4.3	29
96	Two New Iron(II) Spin-Crossover Complexes with N4O2 Coordination Sphere and Spin Transition around Room Temperature. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 5527-5534	2.3	29
95	Synthesis and magnetic properties of new dinuclear iron(II) complexes of a phenylene-bridge Schiff base analogue dinucleating ligand. <i>Heteroatom Chemistry</i> , 2005 , 16, 391-397	1.2	29
94	CO2 and SO2 activation by a Cr-Cr quintuple bond. <i>Chemical Communications</i> , 2014 , 50, 13127-30	5.8	28
93	Synthesis of Coordination Polymer Nanoparticles using Self-Assembled Block Copolymers as Template. <i>Chemistry - A European Journal</i> , 2017 , 23, 18093-18100	4.8	28
92	1D iron(II) spin crossover coordination polymers with 3,3'-azopyridine [kinetic trapping effects and spin transition above room temperature. <i>CrystEngComm</i> , 2015 , 17, 5389-5395	3.3	28

91	Modulation of the ligand-based fluorescence of 3d metal complexes upon spin state change. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 7925-7935	7.1	28
90	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> , 2014 , 20, 6462-73	4.8	28
89	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> , 2017 , 2017, 1341-1354	2.3	27
88	Synthesis of [Fe(L)(bipy)] spin crossover nanoparticles using blockcopolymer micelles. <i>Nanoscale</i> , 2016 , 8, 19058-19065	7.7	27
87	Iron(II) spin transition coordination polymers with a zigzag structure. <i>CrystEngComm</i> , 2012 , 14, 1223-1234	3.3	27
86	Mononuclear ferrous and ferric complexes. <i>Comptes Rendus Chimie</i> , 2018 , 21, 1196-1208	2.7	26
85	Diverse Reactivity of ECp* (E = Al, Ga) toward Low-Coordinate Transition Metal Amides [TM(N(SiMe ₃)) ₂] (TM = Fe, Co, Zn): Insertion, Cp* Transfer, and Orthometalation. <i>Inorganic Chemistry</i> , 2017 , 56, 3517-3525	5.1	25
84	A ladder type iron(II) coordination polymer with cooperative spin transition. <i>Chemical Communications</i> , 2012 , 48, 10222-4	5.8	25
83	Synthesis and Magnetic Properties of New Octahedral Iron(II) Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008 , 634, 1421-1426	1.3	25
82	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> , 2008 , 2008, 4891-4898	2.3	25
81	Synthesis and characterization of 1D iron(II) spin crossover coordination polymers with hysteresis. <i>Dalton Transactions</i> , 2014 , 43, 1990-9	4.3	24
80	Bis-meridional Fe spin crossover complexes of phenyl and pyridyl substituted 2-(pyridin-2-yl)-1,10-phenanthrolines. <i>Dalton Transactions</i> , 2018 , 47, 491-506	4.3	24
79	Biphenyl bridged hexadentate N6-ligands--a rigid ligand backbone for Fe(II) spin crossover complexes. <i>Dalton Transactions</i> , 2013 , 42, 8575-84	4.3	22
78	Iron(II) spin crossover complexes with diamidonaphthalene-based Schiff base-like ligands: mononuclear complexes. <i>Dalton Transactions</i> , 2015 , 44, 18065-77	4.3	21
77	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> , 2010 , 65, 323-328	1	21
76	X-ray structure and magnetic properties of dinuclear and polymer iron(II) complexes. <i>Inorganica Chimica Acta</i> , 2009 , 362, 2341-2346	2.7	20
75	Kinetic Trapping Effects in Amphiphilic Iron(II) Spin Crossover Compounds. <i>Inorganic Chemistry</i> , 2019 , 58, 1278-1289	5.1	20
74	Amphiphilic iron(II) spin crossover coordination polymers: crystal structures and phase transition properties. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 1151-1163	7.1	19

73	Amphiphilic iron(II) complexes with short alkyl chains [Crystal packing and spin transition properties. <i>New Journal of Chemistry</i> , 2014 , 38, 1965-1972	3.6	19
72	Magnetic Ordering in Iron(II) Complexes due to a 2D Network of Hydrogen Bonds. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009 , 635, 130-133	1.3	19
71	Water channels and zipper structures in Schiff base-like Cu(II) and Ni(II) mononuclear complexes. <i>CrystEngComm</i> , 2014 , 16, 6213-6218	3.3	18
70	Slow Self-Assembly Favors Hysteresis above Room Temperature for an Iron(II) 1D-Chain Spin-Crossover Complex. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 975-983	2.3	17
69	Anticancer properties of a new non-oxido vanadium(IV) complex with a catechol-modified 3,3'-diindolylmethane ligand. <i>Journal of Inorganic Biochemistry</i> , 2019 , 194, 1-6	4.2	17
68	Iron(II) Spin Crossover Complexes Based on a Redox Active Equatorial Schiff-Base-Like Ligand. <i>Inorganic Chemistry</i> , 2020 , 59, 8320-8333	5.1	15
67	Synthesis of microcrystals of the [Fe(L)(bipy)] spin crossover coordination polymer in a poly-4-vinylpyridine matrix. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 2232-8	4.5	15
66	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> , 2016 , 2016, 2136-2143	2.3	15
65	Light-Induced Excited Spin-State Properties in 1D Iron(II) Chain Compounds. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 2744-2750	2.3	14
64	Confined Crystallization of Spin-Crossover Nanoparticles in Block-Copolymer Micelles. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 5765-5770	16.4	14
63	Iron(II) spin crossover complexes with diamidonaphthalene-based Schiff base-like ligands: 1D coordination polymers. <i>New Journal of Chemistry</i> , 2016 , 40, 4687-4695	3.6	13
62	Copper(ii) complexes with tridentate Schiff base-like ligands: solid state and solution structures and anticancer activity. <i>Dalton Transactions</i> , 2019 , 48, 15220-15230	4.3	13
61	Synthesis and Optical Properties of Phenanthroline-Derived Schiff Base-Like Dinuclear Ru -Ni Complexes. <i>Chemistry - A European Journal</i> , 2018 , 24, 5100-5111	4.8	13
60	Sonogenerated metal-hydrogen sponges for reactive hard templating. <i>Chemical Communications</i> , 2015 , 51, 7606-9	5.8	12
59	Tailoring the Size, Inversion Parameter, and Absorption of Phase-Pure Magnetic MgFe ₂ O ₄ Nanoparticles for Photocatalytic Degradations. <i>ACS Applied Nano Materials</i> , 2020 , 3, 11587-11599	5.6	12
58	Synthesis of iron(II) complexes with asymmetric N ₂ O ₂ coordinating Schiff base-like ligands and their spin crossover properties. <i>Frontiers of Chemical Science and Engineering</i> , 2018 , 12, 400-408	4.5	12
57	Synthesis of [Fe(L)(L)] coordination polymer nanoparticles using blockcopolymer micelles. <i>Beilstein Journal of Nanotechnology</i> , 2017 , 8, 1318-1327	3	11
56	Strategies towards the purposeful design of long-range ferromagnetic ordering due to spin canting. <i>Polyhedron</i> , 2009 , 28, 1796-1801	2.7	11

55	Synthesis, Characterization and Structure of Bis- and Tetrakis-Aziridine-Nickel(II) and Copper(II) Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007 , 633, 1171-1177	1.3	11
54	A Fluorescence-Detected Coordination-Induced Spin State Switch. <i>Journal of the American Chemical Society</i> , 2021 , 143, 3466-3480	16.4	11
53	Novel Cu(II) complexes with NNO-Schiff base-like ligands \square structures and magnetic properties. <i>CrystEngComm</i> , 2018 , 20, 818-828	3.3	10
52	Towards New Robust Zn(II) Complexes for the Ring-Opening Polymerization of Lactide Under Industrially Relevant Conditions. <i>ChemistryOpen</i> , 2019 , 8, 1020-1026	2.3	10
51	Synthesis and Characterisation of Schiff Base-like Iron(II) Complexes with Imidazole as Axial Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012 , 638, 98-102	1.3	10
50	Isostructural iron(III) spin crossover complexes with a tridentate Schiff base-like ligand: X-ray structures and magnetic properties. <i>Dalton Transactions</i> , 2019 , 48, 15376-15380	4.3	9
49	Synthesis of Anionic Spin Crossover Complexes with Schiff Base like Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012 , 638, 1093-1102	1.3	9
48	Novel Mononuclear Spin-Crossover Complexes 2013 , 55-76		8
47	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> , 2012 , 380, 148-160	2.7	8
46	Synthesis, Molecular Structure, and Physical Properties of the Complexes $[\{PhB(pz)_2(CH_2SMe)\}_2M]$ (M = MnII, FeII) Containing a Novel [N,N,S]-Heteroscorpionate Ligand. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 1709-1718	2.3	8
45	Synthesis of a New Schiff Base-like Trinucleating Ligand and its Copper, Vanadyl, and Iron Complexes \square Influence of the Bridging Ligand on the Magnetic Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017 , 643, 1593-1599	1.3	7
44	N-Donor Competition in Iron Bis(chelate) Bis(pyrazolyl)pyridinylmethane Complexes. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2014 , 69, 1206-1214	1	7
43	Influence of N-Substitution on the Oxidation of 2-Pyridylmethylamines with Bis(trimethylsilyl)amides of Iron(III) \square Synthesis of Heteroleptic Iron(II) 2-Pyridylmethylamides. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 1584-1592	2.3	7
42	Site selective adsorption of the spin crossover complex Fe(phen) ₂ (NCS) on Au(111). <i>Journal of Physics Condensed Matter</i> , 2020 , 32, 324003	1.8	7
41	Spin crossover modulation in a coordination polymer with the redox-active bis-pyridyltetrathiafulvalene (pyTTF) ligand. <i>Chemical Communications</i> , 2020 , 56, 10469-10472	5.8	7
40	Spin Crossover Phenomenon in Coordination Compounds 2016 , 231-252		6
39	Interplay of Spin Crossover and Coordination-Induced Spin State Switch for Iron Bis(pyrazolyl)methanes in Solution. <i>Inorganic Chemistry</i> , 2020 , 59, 15343-15354	5.1	6
38	Magnetic NiFe O Nanoparticles Prepared via Non-Aqueous Microwave-Assisted Synthesis for Application in Electrocatalytic Water Oxidation. <i>Chemistry - A European Journal</i> , 2021 , 27, 16990-17001	4.8	6

37	Magnetism and crystal structure of an N3O3-coordinated iron(II) complex. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008 , 64, m237-9		5
36	Iron(II) Spin-Crossover Complexes with Schiff Base Like Ligands and N-Alkylimidazoles. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 408-413	2.3	4
35	Self-Assembly of Magnetic Iron Oxide Nanoparticles Into Cuboidal Superstructures 2018 , 165-189		4
34	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> , 2019 , 31, 504002	1.8	4
33	Control of Exchange Interactions in Trinuclear Complexes Based on Orthogonal Magnetic Orbitals. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, NA-NA	2.3	4
32	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> , 2010 , 636, 183-187	1.3	4
31	A Novel Synthesis Yielding Macroporous CaFe2O4 Sponges for Solar Energy Conversion. <i>Solar Rrl</i> , 2020 , 4, 1900570	7.1	4
30	Spin States of 1D Iron(II) Coordination Polymers with Redox Active TTF(py)2 as Bridging Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021 , 647, 295-305	1.3	4
29	Iron(II) and Iron(III) Complexes of Tridentate NNO Schiff Base-like Ligands IX-ray Structures and Magnetic Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018 , 644, 1839-1848	1.3	4
28	Influence of CF3 Substituents on the Spin Crossover Behavior of Iron(II) Coordination Polymers with Schiff Base-like Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020 , 646, 800-807	1.3	3
27	Crystal Structure and Magnetic Properties of a Hexanuclear Copper(II) Carboxylate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015 , 641, 1243-1246	1.3	3
26	Synthesis and Characterisation of a New Schiff-Base-like Ligand and its Iron(II) Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009 , 635, NA-NA	1.3	3
25	Iron(II) Spin Crossover Complexes with 4,4'-Dipyridylethyne-Crystal Structures and Spin Crossover with Hysteresis. <i>Molecules</i> , 2020 , 25,	4.8	2
24	A Study on FeII, ZnII and CuII Complexes with Novel Tridentate Bis(pyrazolyl)methane Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018 , 644, 1576-1592	1.3	2
23	Hydrogen-bonded supramolecular metal-imidazololate frameworks: gas sorption, magnetic and UV/Vis spectroscopic properties. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2019 , 94, 155-165	1.7	2
22	A New Iron(II) Complex with Strongly Saddle Shaped Schiff Base like Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013 , 639, 1763-1767	1.3	2
21	Iron(II) Spin Crossover Polymers of Planar N2O2 Schiff Base Templates and 4,4-Bis(pyridyl)urea Bridges. <i>Open Chemistry Journal</i> , 2019 , 6, 10-18	2.3	2
20	Preface to the JPCM Special Issue on Molecular Magnetism. <i>Journal of Physics Condensed Matter</i> , 2020 , 32, 440201	1.8	2

19	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> , 2021 , 647, 905-914	1.3	2
18	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> , 2021 , 647, 896-904	1.3	2
17	Superparamagnetic Silicon Carbonitride Ceramic Fibers Through In Situ Generation of Iron Silicide Nanoparticles During Pyrolysis of an Iron-Modified Polysilazane. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 8745-8753	9.5	2
16	Iron(II) spin crossover complexes with a sulfur rich ligand backbone. <i>Journal of Applied Physics</i> , 2021 , 129, 083901	2.5	2
15	Quenched Lewis Acidity: Studies on the Medium Dependent Fluorescence of Zinc(II) Complexes. <i>Chemistry - A European Journal</i> , 2021 , 27, 15158-15170	4.8	2
14	Long-Term Colloidally Stable Aqueous Dispersions of 8 nm Spinel Ferrite Nanoparticles. <i>ChemistryOpen</i> , 2020 , 9, 1214-1220	2.3	1
13	Koordinationschemie 2014 ,		1
12	Si(OCH ₂ Fc) ₄ : Synthesis, Electrochemical Behavior, and Twin Polymerization. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 3850-3860	2.3	1
11	Proton NMR Investigations of Intermediate Spin Iron(III) Complexes with Macrocyclic N ₄ Chelate Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013 , 639, 1498-1503	1.3	1
10	Molekulare Bistabilität. <i>Nachrichten Aus Der Chemie</i> , 2009 , 57, 857-861	0.1	1
9	The Elemental Multifariousness of the Defect-Pyrochlore Crystal Structure and Application in Photocatalytic Hydrogen Generation. <i>Energy Technology</i> , 2100302	3.5	1
8	Magnetic properties and structural analysis on spinel MnFe ₂ O ₄ nanoparticles prepared via non-aqueous microwave synthesis. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021 , 647, 2061	1.3	1
7	Generation of twisted nanowires with achiral organic amphiphilic copper complexes.. <i>RSC Advances</i> , 2019 , 9, 1807-1813	3.7	0
6	Confined Crystallization of Spin-Crossover Nanoparticles in Block-Copolymer Micelles. <i>Angewandte Chemie</i> , 2020 , 132, 5814-5819	3.6	0
5	Synthesis of Zn-based 1D and 2D coordination polymer nanoparticles in block copolymer micelles. <i>Nanoscale Advances</i> , 2020 , 2, 4557-4565	5.1	0
4	Probing the unpaired Fe spins across the spin crossover of a coordination polymer. <i>Materials Advances</i> , 2021 , 2, 760-768	3.3	0
3	Combining Metal Nanoparticles with an Ir(III) Photosensitizer. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 25765-25773	3.8	
2	In celebration of the 70th birthday of Peter Kläfers. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021 , 647, 801-802	1.3	

- 1 Modern Methods in Magnetism and Spin Crossover **2021**, 183-197