Hiroaki Hagiwara

List of Publications by Year
in descending order

16	452	933447 10	940533 16
papers	citations	h-index	g-index

16	16	16	519
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Variety of Spin-Crossover Behaviors Depending on the Counter Anion: Two-Dimensional Complexes Constructed by NHâ‹…â‹…â‹…Clâ^' Hydrogen Bonds, [FeIIH3LMe]Clâ‹…X (X = PF6â^', AsF6â^', SbF6â^', CF3SO3â^'; H3LMe =) Tj ETQq1 12, 4536-4549.	3.3	160
2	Two-Dimensional Iron(II) Spin Crossover Complex Constructed of Bifurcated NHÂ·Â·Â·O-Hydrogen Bonds and Ï€â^'Ï€ Interactions:Â [FeII(HLH,Me)2](ClO4)2Â·1.5MeCN (HLH,Me=) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697 Td (Imidazol-4-yl-me	4.0	49
3	Structuralâ^'Electronic Correlation in the First-Order Phase Transition of [FeH2L2-Me](ClO4)2 (H2L2-Me = Bis[((2-methylimidazol-4-yl)methylidene)-3- aminopropyl]ethylenediamine). Inorganic Chemistry, 2006, 45, 8126-8135.	4.0	43
4	A polymorphism-dependent T_{1/2} shift of 100 K in a hysteretic spin-crossover complex related to differences in intermolecular weak CHâ‹¯X hydrogen bonds (X = S vs. S and N). Chemical Communications, 2016, 52, 815-818.	4.1	41
5	Synthesis, structure, and spin crossover above room temperature of a mononuclear and related dinuclear double helicate iron(<scp>II</scp>) complexes. Dalton Transactions, 2016, 45, 17132-17140.	3.3	33
6	Neutral Molecular Iron(II) Complexes Showing Tunable Bistability at Above, Below, and Just Room Temperature by a Crystal Engineering Approach: Ligand Mobility into a Three-Dimensional Flexible Supramolecular Network. Crystal Growth and Design, 2017, 17, 6006-6019.	3.0	26
7	Layered iron(II) spin crossover complex constructed by NHâ‹¯Brâ^' hydrogen bonds with 2K wide thermal hysteresis, [FeIIH3LMe]BrÂ·CF3SO3 (H3LMe=tris[2-(((2-methylimidazol-4-yl)methylidene)amino)ethyl]amine). Inorganica Chimica Acta, 2011, 366, 283-289.	2.4	24
8	Synthesis, Structure, and Magnetic Property of a New Mononuclear Iron(II) Spin Crossover Complex with a Tripodal Ligand Containing Three 1,2,3-Triazole Groups. Chemistry Letters, 2014, 43, 950-952.	1.3	21
9	High-Temperature Wide Thermal Hysteresis of an Iron(II) Dinuclear Double Helicate. Inorganics, 2017, 5, 49.	2.7	15
10	Conformational effect of a spin crossover iron(II) complex: Bis[N-(2-methylimidazol-4-yl)methylidene-2-aminoethyl]propanediamineiron(II) perchlorate. Inorganica Chimica Acta, 2011, 367, 141-150.	2.4	12
11	Alternative Route Triggering Multistep Spin Crossover with Hysteresis in an Iron(II) Family Mediated by Flexible Anion Ordering. Inorganic Chemistry, 2020, 59, 9866-9880.	4.0	10
12	Jumping Crystals of Stacked Planar Cobalt Complexes: Thermosalient Effect Promoted by Hydrogen-bonded Lattice Solvent Release. Chemistry Letters, 2019, 48, 1077-1080.	1.3	6
13	Iron(II) Spin Crossover Complex with the 1,2,3-Triazole-Containing Linear Pentadentate Schiff-Base Ligand and the MeCN Monodentate Ligand. Crystals, 2019, 9, 276.	2.2	4
14	Thermosalience coupled to abrupt spin crossover with dynamic ligand motion in an iron(<scp>II</scp>) molecular crystal. CrystEngComm, 2022, 24, 4224-4234.	2.6	4
15	Synthesis, structures, and magnetic properties of iron(II) complexes, [FeII(HLMe)2](ClO4)2 and its ethanol adduct [FeII(HLMe)2](ClO4)2Â·EtOH (HLMe=2-methylimidazol-4-yl-methylideneamino-2-ethylpyridine): Their structural distortion and spin states. Polyhedron, 2012, 48, 110-116.	2.2	2
16	High-temperature Spin Crossover of a Solvent-Free Iron(II) Complex with the Linear Hexadentate Ligand [Fe(L2-3-2Ph)](AsF6)2 (L2-3-2Ph = bis[N-(1-Phenyl-1H-1,2,3-triazol-4-yl)methylidene-2-aminoethyl]-1,3-) Tj ETQq0 0 0 rgBT /Overl	2.4	2