

Radovan Herchel

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.

142
papers

2,861
citations

30
h-index

43
g-index

150
ext. papers

3,177
ext. citations

3.9
avg. IF

5.41
L-index

#	Paper	IF	Citations
142	Synthesis, crystal structure, ⁵⁷ Fe Mössbauer spectroscopy and magnetic properties of high-spin iron(III) anionic complexes [Fe(azp) ₂] ⁻ (H ₂ azp = 2,2'-dihydroxyazobenzene) with organic cations. <i>Polyhedron</i> , 2022 , 212, 115586	2.7	0
141	The first exploration of coordination chemistry using a methyl substituted o-vanillin based ligand: an example starting with Dy ₄ /Zn ₂ Dy ₂ systems displaying slow relaxation of magnetization. <i>New Journal of Chemistry</i> , 2022 , 46, 5627-5637	3.6	3
140	A new series of Schiff base Ni(II) ₄ cubanes: Evaluation of magnetic coupling via carboxylate bridges. <i>Polyhedron</i> , 2021 , 196, 115017	2.7	1
139	Cis and Trans Isomers of Fe(II) and Co(II) Complexes with Oxadiazole Derivatives - Structural and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 1190-1199	2.3	1
138	Synthesis, characterization, magnetism and theoretical analysis of hetero-metallic [NiLn] partial di-cubane assemblies. <i>Dalton Transactions</i> , 2021 , 50, 12517-12527	4.3	3
137	An unexpected in-solution instability of diiodido analogue of picoplatin complicates its biological characterization. <i>Dalton Transactions</i> , 2021 , 50, 6071-6075	4.3	2
136	From tetranuclear to pentanuclear [Co-Ln] (Ln = Gd, Tb, Dy, Ho) complexes across the lanthanide series: effect of varying sequence of ligand addition. <i>Dalton Transactions</i> , 2021 , 50, 11861-11877	4.3	1
135	A multifunctional magnetic material based on a solid solution of Fe(ii)/Co(ii) complexes with a macrocyclic cyclam-based ligand. <i>Dalton Transactions</i> , 2021 , 50, 11147-11157	4.3	1
134	3d-4f magnetic exchange interactions and anisotropy in a series of heterobimetallic vanadium(IV)-lanthanide(III) Schiff base complexes. <i>Dalton Transactions</i> , 2021 , 50, 13883-13893	4.3	1
133	Synthesis of heptanuclear Ni ₄ Dy ₃ coordination aggregate using tridentate ligand: X-ray structure, magnetism and theoretical studies. <i>Inorganica Chimica Acta</i> , 2021 , 526, 120524	2.7	
132	Thermo- and photoinduced spin state switching in an iron(II) 2D coordination network associated with large light-induced thermal hysteresis and tuning of dimensionality ligand modulation. <i>Dalton Transactions</i> , 2021 , 50, 7725-7735	4.3	2
131	Hydroxido supported and differently networked octanuclear NiLn [Ln = Gd and Dy] complexes: structural variation, magnetic properties and theoretical insights. <i>Dalton Transactions</i> , 2021 , 50, 5023-5033	4.3	4
130	Anion-Dependent Synthesis of Cu(II) Complexes with 2-(1-Tetrazol-5-yl)-1-indole: Synthesis, X-Ray Structures, and Radical Scavenging Activity.. <i>Bioinorganic Chemistry and Applications</i> , 2021 , 2021, 6736908 ²	4.2	
129	Deposition of Tetracoordinate Co(II) Complex with Chalcone Ligands on Graphene. <i>Molecules</i> , 2020 , 25,	4.8	4
128	Effect of Coordination Geometry on Magnetic Properties in a Series of Cobalt(II) Complexes and Structural Transformation in Mother Liquor. <i>Inorganic Chemistry</i> , 2020 , 59, 7067-7081	5.1	14
127	Late first-row transition metal complexes of a 17-membered piperazine-based macrocyclic ligand: structures and magnetism. <i>Dalton Transactions</i> , 2020 , 49, 9057-9069	4.3	6
126	Halogen Bonding in New Dichloride-Cobalt(II) Complex with Iodo Substituted Chalcone Ligands. <i>Crystals</i> , 2020 , 10, 354	2.3	5

125	Synthesis, crystal structure and magnetic properties of tetranuclear copper complex based on [(4-bromophenyl)(hydroxy)methylene]bis(phosphonic acid). <i>Inorganica Chimica Acta</i> , 2020 , 509, 119689	2.7	1
124	Self-assembled octanuclear [NiLn] (Ln = Dy, Tb and Ho) complexes: synthesis, coordination induced ligand hydrolysis, structure and magnetism. <i>Dalton Transactions</i> , 2020 , 49, 7968-7976	4.3	7
123	Structural, magnetic, redox and theoretical characterization of seven-coordinate first-row transition metal complexes with a macrocyclic ligand containing two benzimidazolyl N-pendant arms. <i>Dalton Transactions</i> , 2020 , 49, 4425-4440	4.3	9
122	Magnetic Properties of Fe(II) Complexes of Cyclam Derivative with One p-Aminobenzyl Pendant Arm. <i>Metals</i> , 2020 , 10, 366	2.3	3
121	Supramolecular Assemblies of Trinuclear Copper(II)-Pyrazolato Units: A Structural, Magnetic and EPR Study. <i>Chemistry</i> , 2020 , 2, 626-644	2.1	2
120	The Structural and Magnetic Properties of Fe and Co Complexes with 2-(furan-2-yl)-5-pyridin-2-yl-1,3,4-oxadiazole. <i>Molecules</i> , 2020 , 25,	4.8	8
119	Stereochemistry of coordination polyhedra vs. single ion magnetism in penta- and hexacoordinated Co(ii) complexes with tridentate rigid ligands. <i>Dalton Transactions</i> , 2020 , 49, 1249-1264	4.3	14
118	Selective Coordination of Self-Assembled Hexanuclear [NiLn] and [NiMnLn] (Ln = Dy, Tb, and Ho) Complexes: Stepwise Synthesis, Structures, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2020 , 59, 17929-17944	5.1	15
117	Reversible Spin-State Switching and Tuning of Nuclearity and Dimensionality via Nonlinear Pseudohalides in Cobalt(II) Complexes. <i>Inorganic Chemistry</i> , 2020 , 59, 17638-17649	5.1	7
116	Low-spin and spin-crossover iron(II) complexes with pyridyl-benzimidazole ligands: synthesis, and structural, magnetic and solution study. <i>Dalton Transactions</i> , 2020 , 49, 17786-17795	4.3	3
115	Co(II)-Based single-ion magnets with 1,1'-ferrocenediyl-bis(diphenylphosphine) metalloligands. <i>Dalton Transactions</i> , 2020 , 49, 11697-11707	4.3	3
114	ON/OFF Photoswitching and Thermoinduced Spin Crossover with Cooperative Luminescence in a 2D Iron(II) Coordination Polymer. <i>Inorganic Chemistry</i> , 2020 , 59, 13009-13013	5.1	16
113	Two Types of Hexanuclear Partial Tetracubane [NiLn] (Ln = Dy, Tb, Ho) Complexes of Thioether-Based Schiff Base Ligands: Synthesis, Structure, and Comparison of Magnetic Properties. <i>Inorganic Chemistry</i> , 2019 , 58, 12184-12198	5.1	21
112	Spin Crossover in Three Mononuclear Iron (III) Schiff Base Complexes. <i>Metals</i> , 2019 , 9, 849	2.3	4
111	Structural and magnetic characterization of Ni(ii), Co(ii), and Fe(ii) binuclear complexes on a bis(pyridyl-triazolyl)alkane basis. <i>Dalton Transactions</i> , 2019 , 48, 10526-10536	4.3	3
110	First step in preparation of multifunctional spin crossover material based on Fe(II) complex of cyclam-based ligand. Magnetism and DFT studies. <i>Inorganica Chimica Acta</i> , 2019 , 495, 118921	2.7	4
109	Polynuclear Iron(II) Complexes with 2,6-Bis(pyrazol-1-yl)pyridine-anthracene Ligands Exhibiting Highly Distorted High-Spin Centers. <i>Inorganic Chemistry</i> , 2019 , 58, 4310-4319	5.1	11
108	Ion-pair complexes of Schiff base Fe(III) cations and complex anions. <i>New Journal of Chemistry</i> , 2019 , 43, 4937-4946	3.6	3

107	Copper(ii) self-assembled clusters of bis((pyridin-2-yl)-1,2,4-triazol-3-yl)alkanes. Unusual rearrangement of ligands under reaction conditions. <i>Dalton Transactions</i> , 2019 , 48, 3052-3060	4.3	5
106	Impact of the Schiff base ligand substituents on the solid state and solution properties of eleven iron(III) complexes. <i>New Journal of Chemistry</i> , 2019 , 43, 13916-13928	3.6	5
105	Are Inorganic Single-Molecule Magnets a Possibility? A Theoretical Insight into Dysprosium Double-Deckers with Inorganic Ring Systems. <i>Inorganic Chemistry</i> , 2019 , 58, 14046-14057	5.1	15
104	New Cobalt(II) Field-Induced Single-Molecule Magnet and the First Example of a Cobalt(III) Complex with Tridentate Binding of a Deprotonated 4-Amino-3,5-bis(pyridin-2-yl)-1,2,4-Triazole Ligand. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 250-261	2.3	6
103	The effect of the second coordination sphere on the magnetism of [Ln(NO)(HO)][(18-crown-6) (Ln = Dy and Er).. <i>RSC Advances</i> , 2018 , 9, 569-575	3.7	16
102	A potential method to improve the in vitro cytotoxicity of half-sandwich Os(ii) complexes against A2780 cells. <i>Dalton Transactions</i> , 2018 , 47, 5714-5724	4.3	9
101	Effect of linear and non-linear pseudohalides on the structural and magnetic properties of Co(ii) hexacoordinate single-molecule magnets. <i>Dalton Transactions</i> , 2018 , 47, 1498-1512	4.3	22
100	Two polymorphic Co(ii) field-induced single-ion magnets with enormous angular distortion from the ideal octahedron. <i>Dalton Transactions</i> , 2018 , 47, 1614-1623	4.3	15
99	Cell-based studies of the first-in-class half-sandwich Ir(III) complex containing histone deacetylase inhibitor 4-phenylbutyrate. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4246	3.1	7
98	Structural and magnetic susceptibility study of an octanuclear MnIII-oxo-pyrazolido complex. <i>Polyhedron</i> , 2018 , 149, 142-147	2.7	2
97	Copper(II) complexes based on tripodal pyrazolyl amines: Synthesis, structure, magnetic properties and anticancer activity. <i>Journal of Inorganic Biochemistry</i> , 2018 , 180, 39-46	4.2	29
96	Pentacoordinate cobalt(II) complexes with neutral tripodal N-donor ligands: Zero-field splitting for a distorted trigonal bipyramidal geometry. <i>Inorganica Chimica Acta</i> , 2018 , 471, 630-639	2.7	17
95	Single-Chain Magnet Based on 1D Polymeric Azido-Bridged Seven-Coordinate Fe(II) Complex with a Pyridine-Based Macrocyclic Ligand. <i>Inorganic Chemistry</i> , 2018 , 57, 12718-12726	5.1	20
94	Structure and Magnetism of Seven-Coordinate FeIII, FeII, CoII and NiII Complexes Containing a Heptadentate 15-Membered Pyridine-Based Macrocyclic Ligand. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 4286-4297	2.3	18
93	Anion coordination directed synthesis patterns for [Ni4] aggregates: structural changes for thiocyanate coordination and ligand arm hydrolysis. <i>New Journal of Chemistry</i> , 2018 , 42, 16717-16728	3.6	10
92	Impact of Halogenido Coligands on Magnetic Anisotropy in Seven-Coordinate Co(II) Complexes. <i>Inorganic Chemistry</i> , 2017 , 56, 5076-5088	5.1	49
91	An octanuclear Schiff-base complex with a Na2Ni6 core: structure, magnetism and DFT calculations. <i>RSC Advances</i> , 2017 , 7, 25821-25827	3.7	9
90	Magnetorefrigeration capability of a gadolinium(III) coordination polymer containing trimesic acid: a correlation between the isothermal magnetic entropy change and the gadolinium content. <i>RSC Advances</i> , 2017 , 7, 30763-30769	3.7	5

89	Croconato-bridged copper(II) complexes: synthesis, structure and magnetic characterization. <i>New Journal of Chemistry</i> , 2017 , 41, 3846-3856	3.6	3
88	Crystal structures and magnetic properties of two series of phenoxo-O bridged dinuclear Ln (Ln = Gd, Tb, Dy) complexes. <i>Dalton Transactions</i> , 2017 , 46, 16294-16305	4.3	28
87	Magnetic Anisotropy and Field-induced Slow Relaxation of Magnetization in Tetracoordinate Co Compound [Co(CH ₃) ₂]. <i>Materials</i> , 2017 , 10,	3.5	21
86	Tetranuclear Ni(II) and Co(II) Schiff-base complexes with an M ₄ O ₆ defective dicubane-like core: zero-field SMM behavior in the cobalt analogue. <i>New Journal of Chemistry</i> , 2017 , 41, 11258-11267	3.6	25
85	Field-induced slow relaxation of magnetization in dinuclear and trinuclear Co(III)/Mn(III) complexes. <i>RSC Advances</i> , 2016 , 6, 3074-3083	3.7	9
84	Iron(III) bis(pyrazol-1-yl)acetate based decanuclear metallacycles: synthesis, structure, magnetic properties and DFT calculations. <i>Dalton Transactions</i> , 2016 , 45, 15089-15096	4.3	8
83	Muffin-like lanthanide complexes with an NO-donor macrocyclic ligand showing field-induced single-molecule magnet behaviour. <i>Dalton Transactions</i> , 2016 , 45, 15114-15121	4.3	17
82	Tetranuclear Lanthanide Complexes Containing a Hydrazone-type Ligand. Dysprosium [2 D] Gridlike Single-Molecule Magnet and Toroid. <i>Inorganic Chemistry</i> , 2016 , 55, 12470-12476	5.1	36
81	Dinuclear metal(II)-acetato complexes based on bicompartamental 4-chlorophenolate: syntheses, structures, magnetic properties, DNA interactions and phosphodiester hydrolysis. <i>Dalton Transactions</i> , 2016 , 45, 12933-50	4.3	39
80	Ferromagnetic coupling mediated by Co/Non-covalent contacts in a pentacoordinate Co(II) compound showing field-induced slow relaxation of magnetization. <i>Dalton Transactions</i> , 2016 , 45, 12479-82	4.3	15
79	Solvent-induced structural diversity in tetranuclear Ni(II) Schiff-base complexes: the first Ni single-molecule magnet with a defective dicubane-like topology. <i>Dalton Transactions</i> , 2016 , 45, 18622-18634	4.3	39
78	Late First-Row Transition-Metal Complexes Containing a 2-Pyridylmethyl Pendant-Armed 15-Membered Macrocyclic Ligand. Field-Induced Slow Magnetic Relaxation in a Seven-Coordinate Cobalt(II) Compound. <i>Inorganic Chemistry</i> , 2016 , 55, 5957-72	5.1	50
77	Magnetic anisotropy in pentacoordinate 2,6-bis(arylazanylidene-1-chloromethyl)pyridine cobalt(II) complexes with chlorido co-ligands. <i>Synthetic Metals</i> , 2016 , 215, 158-163	3.6	29
76	Structural and magnetic properties of heptacoordinated Mn(II) complexes containing a 15-membered pyridine-based macrocycle and halido/pseudohalido axial coligands. <i>RSC Advances</i> , 2016 , 6, 34674-34684	3.7	16
75	Pentacoordinate and Hexacoordinate Mn(III) Complexes of Tetradentate Schiff-Base Ligands Containing Tetracyanidoplatinate(II) Bridges and Revealing Uniaxial Magnetic Anisotropy. <i>Molecules</i> , 2016 , 21,	4.8	11
74	Cobalt(II) and copper(II) covalently and non-covalently dichlorido-bridged complexes of an unsymmetrical tripodal pyrazolyl-pyridyl amine ligand: Structures, magnetism and cytotoxicity. <i>Inorganica Chimica Acta</i> , 2016 , 451, 102-110	2.7	17
73	Suppressing of slow magnetic relaxation in tetracoordinate Co(II) field-induced single-molecule magnet in hybrid material with ferromagnetic barium ferrite. <i>Scientific Reports</i> , 2015 , 5, 10761	4.9	23
72	Structural characterization of ferromagnetic bridged-acetato and -dichlorido copper(II) complexes based on bicompartamental 4-t-butylphenol. <i>Inorganic Chemistry Communication</i> , 2015 , 60, 1-3	3.1	5

71	The relationship between the strength of hydrogen bonding and spin crossover behaviour in a series of iron(III) Schiff base complexes. <i>Dalton Transactions</i> , 2015 , 44, 4474-84	4-3	41
70	Dinuclear and polymeric (E-formato)nickel(II) complexes: Synthesis, structure, spectral and magnetic properties. <i>Polyhedron</i> , 2015 , 95, 45-53	2-7	7
69	Large and negative magnetic anisotropy in pentacoordinate mononuclear Ni(II) Schiff base complexes. <i>Dalton Transactions</i> , 2015 , 44, 9551-60	4-3	37
68	Structural, magnetic, and redox diversity of first-row transition metal complexes of a pyridine-based macrocycle: well-marked trends supported by theoretical DFT calculations. <i>Inorganic Chemistry</i> , 2015 , 54, 3352-69	5-1	29
67	A trigonal prismatic Cu ₆ -pyrazolato complex containing a π -F ligand. <i>Dalton Transactions</i> , 2015 , 44, 20685-91	4-3	13
66	Experimental and Theoretical Investigations of Magnetic Exchange Pathways in Structurally Diverse Iron(III) Schiff-Base Complexes. <i>Inorganic Chemistry</i> , 2015 , 54, 8625-38	5-1	33
65	Field-induced slow relaxation of magnetization in a pentacoordinate Co(II) compound [Co(phen)(DMSO)Cl ₂]. <i>Dalton Transactions</i> , 2015 , 44, 15014-21	4-3	36
64	Synthesis, structure and magnetic characterization of dinuclear copper(II) complexes bridged by bicompartamental phenolate. <i>RSC Advances</i> , 2015 , 5, 87139-87150	3-7	25
63	Magnetic and structural properties of dinuclear singly bridged-phenoxido metal(II) complexes. <i>Dalton Transactions</i> , 2015 , 44, 2110-21	4-3	28
62	Slow magnetic relaxation in octahedral cobalt(II) field-induced single-ion magnet with positive axial and large rhombic anisotropy. <i>Inorganic Chemistry</i> , 2014 , 53, 5896-8	5-1	193
61	Double exchange in a mixed-valent octanuclear iron cluster, [Fe ₈ (μ -O) ₄ (μ -Cl-pz) ₁₂ Cl ₄](⁻). <i>Dalton Transactions</i> , 2014 , 43, 11269-76	4-3	10
60	Versatile coordination modes of bis[5-(2-pyridine-2-yl)-1,2,4-triazole-3-yl]alkanes in Cu(II) complexes. <i>Dalton Transactions</i> , 2014 , 43, 7153-65	4-3	30
59	Iron(II) complexes of ditopic carbanionic carbenes. <i>Dalton Transactions</i> , 2014 , 43, 4335-44	4-3	33
58	Towards a better understanding of magnetic exchange mediated by hydrogen bonds in Mn(III)/Fe(III) salen-type supramolecular dimers. <i>Dalton Transactions</i> , 2014 , 43, 15602-16	4-3	30
57	Disklike hepta- and tridecanuclear cobalt clusters. Synthesis, structures, magnetic properties, and DFT calculations. <i>Inorganic Chemistry</i> , 2014 , 53, 5458-66	5-1	40
56	Investigation of Magnetic Exchange Pathways in Heterotrinnuclear Manganese(III) Schiff Base Complexes Involving Tetrathiocyanidoplatinate(II) Bridges. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 5781-5789	2-3	7
55	5-Aminotetrazole induces spin crossover in iron(III) pentadentate Schiff base complexes: experimental and theoretical investigations. <i>Dalton Transactions</i> , 2013 , 42, 16279-88	4-3	13
54	Fe ₃ O ₄ nanocrystals tune the magnetic regime of the Fe/Ni molecular magnet: a new class of magnetic superstructures. <i>Inorganic Chemistry</i> , 2013 , 52, 8144-50	5-1	8

53	Synthesis, structure, magnetic properties and theoretical calculations of methoxy bridged dinuclear iron(III) complex with hydrazone based O,N,N-donor ligand. <i>Dalton Transactions</i> , 2013 , 42, 2803-12	4.3	36
52	Nickel(II) complexes with bridged polyamines. <i>Polyhedron</i> , 2013 , 56, 1-8	2.7	4
51	Structural and magnetic characterizations of the first manganese(III) Schiff base complexes involving hexathiocyanidoplatinate(IV) bridges. <i>CrystEngComm</i> , 2013 , 15, 5351	3.3	8
50	Cobalt(III) Schiff-base cyanido complex usable as a ligand in preparation of heterobimetallic Co(II)Fe(III) building blocks. <i>Inorganic Chemistry Communication</i> , 2013 , 35, 50-53	3.1	6
49	Structurally varied Cu(II) complexes involving kinetin and its derivatives: Synthesis, characterization and evaluation of SOD-mimic activity. <i>Polyhedron</i> , 2012 , 34, 56-66	2.7	9
48	A new family of Fe ₂ Ln complexes built from mononuclear anionic Schiff base subunits. <i>Dalton Transactions</i> , 2012 , 41, 14603-10	4.3	53
47	A homologous series of first-row transition-metal complexes of 2,2'fbipyridine and their ligand radical derivatives: trends in structure, magnetism, and bonding. <i>Inorganic Chemistry</i> , 2012 , 51, 12301-12	5.1	38
46	Mixed-valence heptanuclear iron complexes with ferromagnetic interaction. <i>Inorganic Chemistry</i> , 2012 , 51, 12755-67	5.1	24
45	A dinuclear manganese(II) complex {[Na ₂ (H ₂ O) ₄ Mn ₂ (E _p mtz) ₄ (NCS) ₂]} _n with 5-(pyrimidyl)tetrazolato bridges involved in 1D ladder-like chains: Synthesis, X-ray structure, magnetic properties and DFT calculations. <i>Polyhedron</i> , 2012 , 42, 50-56	2.7	4
44	Anion driven modulation of magnetic intermolecular interactions and spin crossover properties in an isomorphous series of mononuclear iron(III) complexes with a hexadentate Schiff base ligand. <i>CrystEngComm</i> , 2012 , 14, 7015	3.3	28
43	A Combined Experimental and Computational Study of the Magnetic Superexchange within a Triangular (β-O)-Pyrazolato-Fe(III) Complex. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 3500-3506	2.3	13
42	SOD-Mimic Cu(II) Dimeric Complexes Involving Kinetin and Its Derivative: Preparation and Characterization. <i>Bioinorganic Chemistry and Applications</i> , 2012 , 2012, 704329	4.2	2
41	Synthesis, characterization, DNA interaction and cleavage, and in vitro cytotoxicity of copper(II) mixed-ligand complexes with 2-phenyl-3-hydroxy-4(1H)-quinolinone. <i>Dalton Transactions</i> , 2011 , 40, 9404-12	4.3	52
40	Crystal water molecules as magnetic tuners in molecular metamagnets exhibiting antiferro-ferro-paramagnetic transitions. <i>Inorganic Chemistry</i> , 2011 , 50, 9153-63	5.1	13
39	Tuning of the critical temperature in iron(II) spin-crossover materials based on bridging polycyanidometallates: pentacyanonitrosylferrate(II) and hexacyanidoplatinate(IV). <i>Inorganic Chemistry</i> , 2011 , 50, 12390-2	5.1	17
38	Heterobimetallic assemblies of Ni(II) complexes with a tetradentate amine ligand and diamagnetic cyanidometallates. <i>Inorganica Chimica Acta</i> , 2011 , 366, 366-372	2.7	8
37	Tuning of spin crossover behaviour in iron(III) complexes involving pentadentate Schiff bases and pseudohalides. <i>Dalton Transactions</i> , 2011 , 40, 10090-9	4.3	40
36	Dinuclear and 1D iron(III) Schiff base complexes bridged by 4-salicylideneamino-1,2,4-triazolate: X-ray structures and magnetic properties. <i>Dalton Transactions</i> , 2011 , 40, 11896-903	4.3	19

35	Spin crossover behavior of a one-dimensional polymeric-chain compound $\{[\text{Fe}(\text{abpt})_2(\text{Ni}(\text{CN})_4)]_x\text{H}_2\text{O}\}_n$ ($x = 0.5$ – 1): Synthesis, spectral, thermal and magnetic properties. <i>Inorganica Chimica Acta</i> , 2011 , 365, 458-461	2.7	12
34	Chiral transition metal clusters from two enantiomeric schiff base ligands. Synthesis, structures, CD spectra and magnetic properties. <i>Dalton Transactions</i> , 2010 , 39, 1771-80	4.3	54
33	Structurally Perfect $\text{Ni}_3(\mu_3\text{-N}_3)_3$ Triangles for a Magnetic Model. <i>Australian Journal of Chemistry</i> , 2010 , 63, 1111	1.2	1
32	Experimental and computational study of the structural and electronic properties of $\text{Fe}(\text{II})(2,2'\text{-bipyridine})(\text{mes})_2$ and $[\text{Fe}(\text{II})(2,2'\text{-bipyridine})(\text{mes})_2]^-$, a complex containing a 2,2'-bipyridyl radical anion. <i>Inorganic Chemistry</i> , 2010 , 49, 6160-71	5.1	49
31	Antisymmetric exchange in polynuclear metal complexes. <i>Coordination Chemistry Reviews</i> , 2010 , 254, 2973-3025	23.2	39
30	Anion-Dependent Facile Route to Magnetic Dinuclear and Dodecanuclear Cobalt Clusters. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 2229-2234	2.3	23
29	Copper(II) cyanido-bridged bimetallic nitroprusside-based complexes: Syntheses, X-ray structures, magnetic properties, 57Fe Mössbauer spectroscopy and thermal studies. <i>Journal of Solid State Chemistry</i> , 2010 , 183, 1046-1054	3.3	11
28	Magnetic coupling in EE and EO azido-bridged binuclear copper complexes: Synthesis, structure and magnetic studies. <i>Polyhedron</i> , 2010 , 29, 1201-1208	2.7	28
27	Synthesis, spectral (UV-Vis, IR, ESI-MS), magnetic and structural characterizations, and the antimicrobial effect of potassium isothiocyanato-(N-salicylidene-amino-acidato)cuprates. <i>Inorganica Chimica Acta</i> , 2010 , 363, 3887-3896	2.7	16
26	Syntheses and magnetic properties of trinuclear trithiocyanurato-bridged manganese(II) complexes involving bidentate aromatic N-donor heterocycles. <i>Inorganic Chemistry Communication</i> , 2010 , 13, 778-781	3.1	10
25	Interplay between spin crossover and exchange interaction in iron(III) complexes. <i>Pure and Applied Chemistry</i> , 2009 , 81, 1357-1383	2.1	28
24	Dinuclear Fe(III) complexes with spin crossover. <i>Monatshefte für Chemie</i> , 2009 , 140, 815-828	1.4	22
23	High-spin Schiff-base dinuclear iron(III) complexes bridged by N-oxide ligands. <i>Inorganica Chimica Acta</i> , 2009 , 362, 4754-4759	2.7	17
22	Dinuclear copper(II) complexes containing 6-(benzylamino)purines as bridging ligands: synthesis, characterization, and in vitro and in vivo antioxidant activities. <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 432-40	4.2	44
21	Novel 1D chain Fe(III)-salen-like complexes involving anionic heterocyclic N-donor ligands. Synthesis, X-ray structure, magnetic, (57)Fe Mössbauer, and biological activity studies. <i>Dalton Transactions</i> , 2009 , 9870-80	4.3	48
20	Electronic structure and magnetic properties of a trigonal prismatic $\text{Cu}(\text{II})_6$ cluster. <i>Dalton Transactions</i> , 2009 , 5924-32	4.3	31
19	High-spin tetranuclear $\text{Mn}(\text{II})(2)\text{Mn}(\text{IV})(2)$ clusters with unique Mn(ii)-Mn(iv) magnetic exchange: synthesis, structures and magnetism. <i>Dalton Transactions</i> , 2009 , 3182-92	4.3	24
18	Reactivity of 4-amino-3,5-bis(pyridin-2-yl)-1,2,4-triazole, structures and magnetic properties of polynuclear and polymeric Mn(II), Cu(II) and Cd(II) complexes. <i>Dalton Transactions</i> , 2009 , 10284-95	4.3	65

17	Synthesis, characterization, and study of octanuclear iron-oxo clusters containing a redox-active Fe ₄ O ₄ -cubane core. <i>Inorganic Chemistry</i> , 2008 , 47, 645-55	5.1	53
16	Crystal structure, spectroscopic and magnetic properties, and antimicrobial activities of cobalt(II) 2-methylthionicotinate complexes with N-heterocyclic ligands. <i>Transition Metal Chemistry</i> , 2008 , 33, 967-974	2.1	13
15	Coordination chemistry of conformation-flexible 1,2,3,4,5,6-cyclohexanehexacarboxylate: trapping various conformations in metal-organic frameworks. <i>Chemistry - A European Journal</i> , 2008 , 14, 7218-35	4.8	70
14	Synthesis and Characterization of Linear Trinuclear Pd, Co, and Pd/Co Pyrazolate Complexes. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 4745-4755	2.3	23
13	Copper(II) and cobalt(II) hydroxypyridinecarboxylates: Synthesis, crystal structures, spectral and magnetic properties. <i>Chemical Papers</i> , 2008 , 62,	1.9	7
12	Magnetic properties of a manganese(II) trinuclear complex involving a tridentate Schiff-Base ligand. <i>Inorganic Chemistry</i> , 2007 , 46, 1544-6	5.1	9
11	The first platinum(IV) complexes involving aromatic cytokinins or cyclin-dependent kinase inhibitors derived from 6-benzylaminopurine: X-ray structures of. <i>Polyhedron</i> , 2007 , 26, 5271-5282	2.7	14
10	Definitive determination of zero-field splitting and exchange interactions in a Ni(II) dimer: investigation of [Ni ₂ (en) ₄ Cl ₂]Cl ₂ using magnetization and tunable-frequency high-field electron paramagnetic resonance. <i>Journal of the American Chemical Society</i> , 2007 , 129, 10306-7	16.4	54
9	A pyrazolate-supported Fe ₃ (μ ₃ -O) core: structural, spectroscopic, electrochemical, and magnetic study. <i>Inorganic Chemistry</i> , 2007 , 46, 10981-9	5.1	51
8	Magnetic properties of trinuclear NiM ₂ Ni complexes, M=Mn, Co and Ni. <i>Chemical Physics Letters</i> , 2006 , 423, 192-196	2.5	24
7	Magnetic ordering in a mononuclear cobalt(II) complex containing a Schiff-base pentadentate ligand. <i>Dalton Transactions</i> , 2005 , 1352-3	4.3	25
6	Spin crossover in a tetranuclear Cr(III)-Fe(III) ₃ complex. <i>Inorganic Chemistry</i> , 2004 , 43, 4103-5	5.1	72
5	Magnetic anisotropy in nickel complexes as determined by combined magnetic susceptibility/magnetization/theoretical studies. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 380-381	2.8	5
4	Limiting negative zero-field splitting in tetrakis(imidazole)bis(acetato) nickel(II) complex. <i>Chemical Physics Letters</i> , 2003 , 373, 402-410	2.5	29
3	Ferromagnetism in a dinuclear nickel(II) complex containing triethylenetetramine and tricyanomethanide. <i>Inorganic Chemistry</i> , 2003 , 42, 6965-7	5.1	19
2	A Field Induced High-Spin Molecule: {Fe(II)-Fe(III) ₆ } Cluster. <i>Solid State Phenomena</i> , 2003 , 90-91, 147-152	0.4	
1	Spin crossover in mononuclear and binuclear iron(III) complexes with pentadentate Schiff-base ligands. <i>Chemical Physics Letters</i> , 2000 , 325, 411-419	2.5	45