

# Radovan Herchel

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/1562943/radovan-herchel-publications-by-citations.pdf>

**Version:** 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Slow magnetic relaxation in octahedral cobalt(II) field-induced single-ion magnet with positive axial and large rhombic anisotropy. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 5896-8	5.1	193
141	Spin crossover in a tetranuclear Cr(III)-Fe(III)(3) complex. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 4103-5	5.1	72
140	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> , <b>2008</b> , 14, 7218-35	4.8	70
139	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> , <b>2009</b> , 10284-95	4.3	65
138	Chiral transition metal clusters from two enantiomeric schiff base ligands. Synthesis, structures, CD spectra and magnetic properties. <i>Dalton Transactions</i> , <b>2010</b> , 39, 1771-80	4.3	54
137	Definitive determination of zero-field splitting and exchange interactions in a Ni(II) dimer: investigation of [Ni <sub>2</sub> (en) <sub>4</sub> Cl <sub>2</sub> ]Cl <sub>2</sub> using magnetization and tunable-frequency high-field electron paramagnetic resonance. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 10306-7	16.4	54
136	A new family of Fe <sub>2</sub> Ln complexes built from mononuclear anionic Schiff base subunits. <i>Dalton Transactions</i> , <b>2012</b> , 41, 14603-10	4.3	53
135	Synthesis, characterization, and study of octanuclear iron-oxo clusters containing a redox-active Fe <sub>4</sub> O <sub>4</sub> -cubane core. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 645-55	5.1	53
134	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> , <b>2011</b> , 40, 9404-12	4.3	52
133	A pyrazolate-supported Fe(3)(μ <sub>3</sub> -O) core: structural, spectroscopic, electrochemical, and magnetic study. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 10981-9	5.1	51
132	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> , <b>2016</b> , 55, 5957-72	5.1	50
131	Impact of Halogenido Coligands on Magnetic Anisotropy in Seven-Coordinate Co(II) Complexes. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 5076-5088	5.1	49
130	Experimental and computational study of the structural and electronic properties of Fe(II)(2,2'Fbipyridine)(mes) <sub>2</sub> and [Fe(II)(2,2'Fbipyridine)(mes) <sub>2</sub> ] <sup>-</sup> , a complex containing a 2,2'Fbipyridyl radical anion. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 6160-71	5.1	49
129	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> , <b>2009</b> , 9870-80	4.3	48
128	Spin crossover in mononuclear and binuclear iron(III) complexes with pentadentate Schiff-base ligands. <i>Chemical Physics Letters</i> , <b>2000</b> , 325, 411-419	2.5	45
127	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> , <b>2009</b> , 103, 432-40	4.2	44
126	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> , <b>2015</b> , 44, 4474-84	4.3	41

125	Disklike hepta- and tridecanuclear cobalt clusters. Synthesis, structures, magnetic properties, and DFT calculations. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 5458-66	5.1	40
124	Tuning of spin crossover behaviour in iron(III) complexes involving pentadentate Schiff bases and pseudohalides. <i>Dalton Transactions</i> , <b>2011</b> , 40, 10090-9	4.3	40
123	Dinuclear metal(ii)-acetato complexes based on bicompartamental 4-chlorophenolate: syntheses, structures, magnetic properties, DNA interactions and phosphodiester hydrolysis. <i>Dalton Transactions</i> , <b>2016</b> , 45, 12933-50	4.3	39
122	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> , <b>2016</b> , 45, 18622-18634	4.3	39
121	Antisymmetric exchange in polynuclear metal complexes. <i>Coordination Chemistry Reviews</i> , <b>2010</b> , 254, 2973-3025	23.2	39
120	A homologous series of first-row transition-metal complexes of 2,2' bipyridine and their ligand radical derivatives: trends in structure, magnetism, and bonding. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 12301-12312	5.1	38
119	Large and negative magnetic anisotropy in pentacoordinate mononuclear Ni(ii) Schiff base complexes. <i>Dalton Transactions</i> , <b>2015</b> , 44, 9551-60	4.3	37
118	Field-induced slow relaxation of magnetization in a pentacoordinate Co(II) compound [Co(phen)(DMSO)Cl <sub>2</sub> ]. <i>Dalton Transactions</i> , <b>2015</b> , 44, 15014-21	4.3	36
117	Tetranuclear Lanthanide Complexes Containing a Hydrazone-type Ligand. Dysprosium [2 D] Gridlike Single-Molecule Magnet and Toric. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 12470-12476	5.1	36
116	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> , <b>2013</b> , 42, 2803-12	4.3	36
115	Experimental and Theoretical Investigations of Magnetic Exchange Pathways in Structurally Diverse Iron(III) Schiff-Base Complexes. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 8625-38	5.1	33
114	Iron(II) complexes of ditopic carbanionic carbenes. <i>Dalton Transactions</i> , <b>2014</b> , 43, 4335-44	4.3	33
113	Electronic structure and magnetic properties of a trigonal prismatic Cu(II) <sub>6</sub> cluster. <i>Dalton Transactions</i> , <b>2009</b> , 5924-32	4.3	31
112	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> , <b>2014</b> , 43, 7153-65	4.3	30
111	Towards a better understanding of magnetic exchange mediated by hydrogen bonds in Mn(III)/Fe(III) salen-type supramolecular dimers. <i>Dalton Transactions</i> , <b>2014</b> , 43, 15602-16	4.3	30
110	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> , <b>2015</b> , 54, 3352-69	5.1	29
109	Magnetic anisotropy in pentacoordinate 2,6-bis(arylazanylidene-1-chloromethyl)pyridine cobalt(II) complexes with chlorido co-ligands. <i>Synthetic Metals</i> , <b>2016</b> , 215, 158-163	3.6	29
108	Limiting negative zero-field splitting in tetrakis(imidazole)bis(acetato) nickel(II) complex. <i>Chemical Physics Letters</i> , <b>2003</b> , 373, 402-410	2.5	29

107	Copper(II) complexes based on tripodal pyrazolyl amines: Synthesis, structure, magnetic properties and anticancer activity. <i>Journal of Inorganic Biochemistry</i> , <b>2018</b> , 180, 39-46	4.2	29
106	Crystal structures and magnetic properties of two series of phenoxo-O bridged dinuclear Ln (Ln = Gd, Tb, Dy) complexes. <i>Dalton Transactions</i> , <b>2017</b> , 46, 16294-16305	4.3	28
105	Magnetic and structural properties of dinuclear singly bridged-phenoxido metal(II) complexes. <i>Dalton Transactions</i> , <b>2015</b> , 44, 2110-21	4.3	28
104	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> , <b>2012</b> , 14, 7015	3.3	28
103	Interplay between spin crossover and exchange interaction in iron(III) complexes. <i>Pure and Applied Chemistry</i> , <b>2009</b> , 81, 1357-1383	2.1	28
102	Magnetic coupling in EE and EO azido-bridged binuclear copper complexes: Synthesis, structure and magnetic studies. <i>Polyhedron</i> , <b>2010</b> , 29, 1201-1208	2.7	28
101	Synthesis, structure and magnetic characterization of dinuclear copper(II) complexes bridged by bicompartamental phenolate. <i>RSC Advances</i> , <b>2015</b> , 5, 87139-87150	3.7	25
100	Tetranuclear Ni(II) and Co(II) Schiff-base complexes with an M4O6 defective dicubane-like core: zero-field SMM behavior in the cobalt analogue. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 11258-11267	3.6	25
99	Magnetic ordering in a mononuclear cobalt(II) complex containing a Schiff-base pentadentate ligand. <i>Dalton Transactions</i> , <b>2005</b> , 1352-3	4.3	25
98	Mixed-valence heptanuclear iron complexes with ferromagnetic interaction. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 12755-67	5.1	24
97	High-spin tetranuclear Mn(II)(2)Mn(IV)(2) clusters with unique Mn(ii)-Mn(iv) magnetic exchange: synthesis, structures and magnetism. <i>Dalton Transactions</i> , <b>2009</b> , 3182-92	4.3	24
96	Magnetic properties of trinuclear Ni <sup>II</sup> MNi complexes, M=Mn, Co and Ni. <i>Chemical Physics Letters</i> , <b>2006</b> , 423, 192-196	2.5	24
95	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> , <b>2015</b> , 5, 10761	4.9	23
94	Anion-Dependent Facile Route to Magnetic Dinuclear and Dodecanuclear Cobalt Clusters. <i>European Journal of Inorganic Chemistry</i> , <b>2010</b> , 2010, 2229-2234	2.3	23
93	Synthesis and Characterization of Linear Trinuclear Pd, Co, and Pd/Co Pyrazolate Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 4745-4755	2.3	23
92	Effect of linear and non-linear pseudohalides on the structural and magnetic properties of Co(ii) hexacoordinate single-molecule magnets. <i>Dalton Transactions</i> , <b>2018</b> , 47, 1498-1512	4.3	22
91	Dinuclear Fe(III) complexes with spin crossover. <i>Monatshefte Für Chemie</i> , <b>2009</b> , 140, 815-828	1.4	22
90	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> , <b>2019</b> , 58, 12184-12198	5.1	21

89	Magnetic Anisotropy and Field-induced Slow Relaxation of Magnetization in Tetracoordinate Co Compound [Co(CH <sub>3</sub> ) <sub>2</sub> N] <i>Materials</i> , <b>2017</b> , 10,	3.5	21
88	Single-Chain Magnet Based on 1D Polymeric Azido-Bridged Seven-Coordinate Fe(II) Complex with a Pyridine-Based Macrocyclic Ligand. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 12718-12726	5.1	20
87	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> , <b>2011</b> , 40, 11896-903	4.3	19
86	Ferromagnetism in a dinuclear nickel(II) complex containing triethylenetetramine and tricyanomethanide. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 6965-7	5.1	19
85	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> , <b>2018</b> , 2018, 4286-4297	2.3	18
84	Muffin-like lanthanide complexes with an NO-donor macrocyclic ligand showing field-induced single-molecule magnet behaviour. <i>Dalton Transactions</i> , <b>2016</b> , 45, 15114-15121	4.3	17
83	Tuning of the critical temperature in iron(II) spin-crossover materials based on bridging polycyanidometallates: pentacyanonitrosylferrate(II) and hexacyanidoplatinate(IV). <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 12390-2	5.1	17
82	High-spin Schiff-base dinuclear iron(III) complexes bridged by N-oxide ligands. <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 4754-4759	2.7	17
81	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> , <b>2016</b> , 451, 102-110	2.7	17
80	Pentacoordinate cobalt(II) complexes with neutral tripodal N-donor ligands: Zero-field splitting for a distorted trigonal bipyramidal geometry. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 471, 630-639	2.7	17
79	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> , <b>2018</b> , 9, 569-575	3.7	16
78	Structural and magnetic properties of heptacoordinated MnII complexes containing a 15-membered pyridine-based macrocycle and halido/pseudohalido axial coligands. <i>RSC Advances</i> , <b>2016</b> , 6, 34674-34684	3.7	16
77	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> , <b>2010</b> , 363, 3887-3896	2.7	16
76	ON/OFF Photoswitching and Thermoinduced Spin Crossover with Cooperative Luminescence in a 2D Iron(II) Coordination Polymer. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 13009-13013	5.1	16
75	Two polymorphic Co(ii) field-induced single-ion magnets with enormous angular distortion from the ideal octahedron. <i>Dalton Transactions</i> , <b>2018</b> , 47, 1614-1623	4.3	15
74	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> , <b>2016</b> , 45, 12479-12482	4.3	15
73	Are Inorganic Single-Molecule Magnets a Possibility? A Theoretical Insight into Dysprosium Double-Deckers with Inorganic Ring Systems. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 14046-14057	5.1	15
72	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> , <b>2020</b> , 59, 17929-17944	5.1	15

71	Effect of Coordination Geometry on Magnetic Properties in a Series of Cobalt(II) Complexes and Structural Transformation in Mother Liquor. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 7067-7081	5.1	14
70	The first platinum(IV) complexes involving aromatic cytokinins or cyclin-dependent kinase inhibitors derived from 6-benzylaminopurine: X-ray structures of. <i>Polyhedron</i> , <b>2007</b> , 26, 5271-5282	2.7	14
69	Stereochemistry of coordination polyhedra vs. single ion magnetism in penta- and hexacoordinated Co(II) complexes with tridentate rigid ligands. <i>Dalton Transactions</i> , <b>2020</b> , 49, 1249-1264	4.3	14
68	A trigonal prismatic Cu <sub>6</sub> -pyrazolato complex containing a B-F ligand. <i>Dalton Transactions</i> , <b>2015</b> , 44, 20685-91	4.9	13
67	5-Aminotetrazole induces spin crossover in iron(III) pentadentate Schiff base complexes: experimental and theoretical investigations. <i>Dalton Transactions</i> , <b>2013</b> , 42, 16279-88	4.3	13
66	A Combined Experimental and Computational Study of the Magnetic Superexchange within a Triangular (B-O)-Pyrazolato-Fe(III) Complex. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 3500-3506	2.2	13
65	Crystal water molecules as magnetic tuners in molecular metamagnets exhibiting antiferro-ferro-paramagnetic transitions. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 9153-63	5.1	13
64	Crystal structure, spectroscopic and magnetic properties, and antimicrobial activities of cobalt(II) 2-methylthionicotinate complexes with N-heterocyclic ligands. <i>Transition Metal Chemistry</i> , <b>2008</b> , 33, 967-974	2.7	13
63	Spin crossover behavior of a one-dimensional polymeric-chain compound {[Fe(abpt) <sub>2</sub> (ENi(CN) <sub>4</sub> )] <sub>x</sub> H <sub>2</sub> O} <sub>n</sub> (x = 0.5 -1.0): Synthesis, spectral, thermal and magnetic properties. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 365, 458-461	2.7	12
62	Polynuclear Iron(II) Complexes with 2,6-Bis(pyrazol-1-yl)pyridine-anthracene Ligands Exhibiting Highly Distorted High-Spin Centers. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 4310-4319	5.1	11
61	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> , <b>2010</b> , 183, 1046-1054	3.3	11
60	Pentacoordinate and Hexacoordinate Mn(III) Complexes of Tetradentate Schiff-Base Ligands Containing Tetracyanidoplatinate(II) Bridges and Revealing Uniaxial Magnetic Anisotropy. <i>Molecules</i> , <b>2016</b> , 21,	4.8	11
59	Double exchange in a mixed-valent octanuclear iron cluster, [Fe <sub>8</sub> (μ-O) <sub>4</sub> (μ <sub>4</sub> -Cl-pz) <sub>12</sub> Cl <sub>4</sub> ] <sup>(-)</sup> . <i>Dalton Transactions</i> , <b>2014</b> , 43, 11269-76	4.3	10
58	Syntheses and magnetic properties of trinuclear trithiocyanurato-bridged manganese(II) complexes involving bidentate aromatic N-donor heterocycles. <i>Inorganic Chemistry Communication</i> , <b>2010</b> , 13, 778-781	2.1	10
57	Anion coordination directed synthesis patterns for [Ni <sub>4</sub> ] aggregates: structural changes for thiocyanate coordination and ligand arm hydrolysis. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 16717-16728	3.6	10
56	An octanuclear Schiff-base complex with a Na <sub>2</sub> Ni <sub>6</sub> core: structure, magnetism and DFT calculations. <i>RSC Advances</i> , <b>2017</b> , 7, 25821-25827	3.7	9
55	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> , <b>2020</b> , 49, 4425-4440	4.3	9
54	A potential method to improve the in vitro cytotoxicity of half-sandwich Os(II) complexes against A2780 cells. <i>Dalton Transactions</i> , <b>2018</b> , 47, 5714-5724	4.3	9

53	Field-induced slow relaxation of magnetization in dinuclear and trinuclear Co(III)/Mn(III) complexes. <i>RSC Advances</i> , <b>2016</b> , 6, 3074-3083	3.7	9
52	Structurally varied Cu(II) complexes involving kinetin and its derivatives: Synthesis, characterization and evaluation of SOD-mimic activity. <i>Polyhedron</i> , <b>2012</b> , 34, 56-66	2.7	9
51	Magnetic properties of a manganese(II) trinuclear complex involving a tridentate Schiff-Base ligand. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 1544-6	5.1	9
50	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> , <b>2020</b> , 25,	4.8	8
49	Iron(III) bis(pyrazol-1-yl)acetate based decanuclear metallacycles: synthesis, structure, magnetic properties and DFT calculations. <i>Dalton Transactions</i> , <b>2016</b> , 45, 15089-15096	4.3	8
48	Fe <sub>3</sub> O <sub>4</sub> nanocrystals tune the magnetic regime of the Fe/Ni molecular magnet: a new class of magnetic superstructures. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 8144-50	5.1	8
47	Structural and magnetic characterizations of the first manganese(III) Schiff base complexes involving hexathiocyanidoplatinate(IV) bridges. <i>CrystEngComm</i> , <b>2013</b> , 15, 5351	3.3	8
46	Heterobimetallic assemblies of Ni(II) complexes with a tetradentate amine ligand and diamagnetic cyanidometallates. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 366, 366-372	2.7	8
45	Dinuclear and polymeric (E-formato)nickel(II) complexes: Synthesis, structure, spectral and magnetic properties. <i>Polyhedron</i> , <b>2015</b> , 95, 45-53	2.7	7
44	Self-assembled octanuclear [NiLn] (Ln = Dy, Tb and Ho) complexes: synthesis, coordination induced ligand hydrolysis, structure and magnetism. <i>Dalton Transactions</i> , <b>2020</b> , 49, 7968-7976	4.3	7
43	Cell-based studies of the first-in-class half-sandwich Ir(III) complex containing histone deacetylase inhibitor 4-phenylbutyrate. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4246	3.1	7
42	Investigation of Magnetic Exchange Pathways in Heterotrinnuclear Manganese(III) Schiff Base Complexes Involving Tetrathiocyanidoplatinate(II) Bridges. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 5781-5789	2.3	7
41	Copper(II) and cobalt(II) hydroxypyridinecarboxylates: Synthesis, crystal structures, spectral and magnetic properties. <i>Chemical Papers</i> , <b>2008</b> , 62,	1.9	7
40	Reversible Spin-State Switching and Tuning of Nuclearity and Dimensionality via Nonlinear Pseudohalides in Cobalt(II) Complexes. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 17638-17649	5.1	7
39	Late first-row transition metal complexes of a 17-membered piperazine-based macrocyclic ligand: structures and magnetism. <i>Dalton Transactions</i> , <b>2020</b> , 49, 9057-9069	4.3	6
38	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> , <b>2013</b> , 35, 50-53	3.1	6
37	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> , <b>2019</b> , 2019, 250-261	2.3	6
36	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> , <b>2017</b> , 7, 30763-30769	3.7	5

35	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> , <b>2019</b> , 48, 3052-3060	4.3	5
34	Structural characterization of ferromagnetic bridged-acetato and -dichlorido copper(II) complexes based on bicompartamental 4-t-butylphenol. <i>Inorganic Chemistry Communication</i> , <b>2015</b> , 60, 1-3	3.1	5
33	Halogen Bonding in New Dichloride-Cobalt(II) Complex with Iodo Substituted Chalcone Ligands. <i>Crystals</i> , <b>2020</b> , 10, 354	2.3	5
32	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> , <b>2019</b> , 43, 13916-13928	3.6	5
31	Magnetic anisotropy in nickel complexes as determined by combined magnetic susceptibility/magnetization/theoretical studies. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2004</b> , 272-276, 380-381	2.8	5
30	Spin Crossover in Three Mononuclear Iron (III) Schiff Base Complexes. <i>Metals</i> , <b>2019</b> , 9, 849	2.3	4
29	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> , <b>2019</b> , 495, 118921	2.7	4
28	Deposition of Tetracoordinate Co(II) Complex with Chalcone Ligands on Graphene. <i>Molecules</i> , <b>2020</b> , 25,	4.8	4
27	A dinuclear manganese(II) complex {[Na <sub>2</sub> (H <sub>2</sub> O) <sub>4</sub> Mn <sub>2</sub> (E <sub>p</sub> mtz) <sub>4</sub> (NCS) <sub>2</sub> ]} <sub>n</sub> with 5-(pyrimidyl)tetrazolato bridges involved in 1D ladder-like chains: Synthesis, X-ray structure, magnetic properties and DFT calculations. <i>Polyhedron</i> , <b>2012</b> , 42, 50-56	2.7	4
26	Nickel(II) complexes with bridged polyamines. <i>Polyhedron</i> , <b>2013</b> , 56, 1-8	2.7	4
25	Hydroxido supported and differently networked octanuclear NiLn [Ln = Gd and Dy] complexes: structural variation, magnetic properties and theoretical insights. <i>Dalton Transactions</i> , <b>2021</b> , 50, 5023-5035	4.3	4
24	Croconato-bridged copper(II) complexes: synthesis, structure and magnetic characterization. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 3846-3856	3.6	3
23	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> , <b>2019</b> , 48, 10526-10536	4.3	3
22	Ion-pair complexes of Schiff base Fe(III) cations and complex anions. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 4937-4946	3.6	3
21	Magnetic Properties of Fe(II) Complexes of Cyclam Derivative with One p-Aminobenzyl Pendant Arm. <i>Metals</i> , <b>2020</b> , 10, 366	2.3	3
20	Low-spin and spin-crossover iron(II) complexes with pyridyl-benzimidazole ligands: synthesis, and structural, magnetic and solution study. <i>Dalton Transactions</i> , <b>2020</b> , 49, 17786-17795	4.3	3
19	Co(II)-Based single-ion magnets with 1,1'-ferrocenediyl-bis(diphenylphosphine) metalloligands. <i>Dalton Transactions</i> , <b>2020</b> , 49, 11697-11707	4.3	3
18	Synthesis, characterization, magnetism and theoretical analysis of hetero-metallic [NiLn] partial di-cubane assemblies. <i>Dalton Transactions</i> , <b>2021</b> , 50, 12517-12527	4.3	3



17	The first exploration of coordination chemistry using a methyl substituted o-vanillin based ligand: an example starting with Dy <sub>4</sub> /Zn <sub>2</sub> Dy <sub>2</sub> systems displaying slow relaxation of magnetization. <i>New Journal of Chemistry</i> , <b>2022</b> , 46, 5627-5637	3.6	3
16	Supramolecular Assemblies of Trinuclear Copper(II)-Pyrazolato Units: A Structural, Magnetic and EPR Study. <i>Chemistry</i> , <b>2020</b> , 2, 626-644	2.1	2
15	Structural and magnetic susceptibility study of an octanuclear Mn(III)-oxo-pyrazolido complex. <i>Polyhedron</i> , <b>2018</b> , 149, 142-147	2.7	2
14	SOD-Mimic Cu(II) Dimeric Complexes Involving Kinetin and Its Derivative: Preparation and Characterization. <i>Bioinorganic Chemistry and Applications</i> , <b>2012</b> , 2012, 704329	4.2	2
13	An unexpected in-solution instability of diiodido analogue of picoplatin complicates its biological characterization. <i>Dalton Transactions</i> , <b>2021</b> , 50, 6071-6075	4.3	2
12	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> , <b>2021</b> , 50, 7725-7735	4.3	2
11	Synthesis, crystal structure and magnetic properties of tetranuclear copper complex based on [(4-bromophenyl)(hydroxy)methylene]bis(phosphonic acid). <i>Inorganica Chimica Acta</i> , <b>2020</b> , 509, 119689	2.7	1
10	Structurally Perfect Ni <sub>3</sub> ( $\mu$ -1,3-N <sub>3</sub> ) <sub>3</sub> Triangles for a Magnetic Model. <i>Australian Journal of Chemistry</i> , <b>2010</b> , 63, 1111	1.2	1
9	A new series of Schiff base Ni(II) <sub>4</sub> cubanes: Evaluation of magnetic coupling via carboxylate bridges. <i>Polyhedron</i> , <b>2021</b> , 196, 115017	2.7	1
8	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> , <b>2021</b> , 2021, 1190-1199	2.3	1
7	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> , <b>2021</b> , 50, 11861-11877	4.3	1
6	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> , <b>2021</b> , 50, 11147-11157	4.3	1
5	3d-4f magnetic exchange interactions and anisotropy in a series of heterobimetallic vanadium(IV)-lanthanide(III) Schiff base complexes. <i>Dalton Transactions</i> , <b>2021</b> , 50, 13883-13893	4.3	1
4	Synthesis, crystal structure, <sup>57</sup> Fe Mössbauer spectroscopy and magnetic properties of high-spin iron(III) anionic complexes [Fe(azp) <sub>2</sub> ]- (H <sub>2</sub> azp = 1,2,2'-dihydroxyazobenzene) with organic cations. <i>Polyhedron</i> , <b>2022</b> , 212, 115586	2.7	0
3	A Field Induced High-Spin Molecule: {Fe(II)-Fe(III) <sub>6</sub> } Cluster. <i>Solid State Phenomena</i> , <b>2003</b> , 90-91, 147-152	0.4	
2	Synthesis of heptanuclear Ni <sub>4</sub> Dy <sub>3</sub> coordination aggregate using tridentate ligand: X-ray structure, magnetism and theoretical studies. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 526, 120524	2.7	
1	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> , <b>2021</b> , 2021, 673690	4.2	