

Radovan Herchel

List of Publications by Year in descending order

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docs citations

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#	ARTICLE	IF	CITATIONS
1	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, 5896-5898.	1.9	217
2	Spin Crossover in a Tetranuclear Cr(III)-Fe(III) ₃ Complex. <i>Inorganic Chemistry</i> , 2004, 43, 4103-4105.	1.9	78
3	Coordination Chemistry of Conformationally Flexible 1,2,3,4,5,6-Cyclohexanhexacarboxylate: Trapping Various Conformations in Metal-Organic Frameworks. <i>Chemistry - A European Journal</i> , 2008, 14, 7218-7235.	1.7	72
4	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.	1.6	69
5	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, 645-655.	1.9	59
6	Novel 1D chain Fe(III)-salen-like complexes involving anionic heterocyclic N-donor ligands. Synthesis, X-ray structure, magnetic, Mössbauer, and biological activity studies. <i>Dalton Transactions</i> , 2009, , 9870.	1.6	59
7	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.	1.6	59
8	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, 10306-10307.	6.6	58
9	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, 5957-5972.	1.9	58
10	A Pyrazolate-Supported Fe ₃ (μ_4 -O) Core: Structural, Spectroscopic, Electrochemical, and Magnetic Study. <i>Inorganic Chemistry</i> , 2007, 46, 10981-10989.	1.9	57
11	Experimental and Computational Study of the Structural and Electronic Properties of Fe ^{II} (2,2'-bipyridine)(mes) ₂ and [Fe ^{II} (2,2'-bipyridine)(mes) ₂] ^{•-} , a Complex Containing a 2,2'-Bipyridyl Radical Anion. <i>Inorganic Chemistry</i> , 2010, 49, 6160-6171.	1.9	57
12	Impact of Halogenido Coligands on Magnetic Anisotropy in Seven-Coordinate Co(II) Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 5076-5088.	1.9	57
13	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, 432-440.	1.5	56
14	Chiral transition metal clusters from two enantiomeric schiff base ligands. Synthesis, structures, CD spectra and magnetic properties. <i>Dalton Transactions</i> , 2010, 39, 1771-1780.	1.6	55
15	A new family of Fe ₂ Ln complexes built from mononuclear anionic Schiff base subunits. <i>Dalton Transactions</i> , 2012, 41, 14603.	1.6	54
16	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, 4474-4484.	1.6	53
17	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> , 2012, 51, 12301-12312.	1.9	49
18	Solvent-induced structural diversity in tetranuclear Ni(II) Schiff-base complexes: the first Ni ₄ single-molecule magnet with a defective dicubane-like topology. <i>Dalton Transactions</i> , 2016, 45, 18622-18634.	1.6	49

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19	Tuning of spin crossover behaviour in iron(III) complexes involving pentadentate Schiff bases and pseudohalides. <i>Dalton Transactions</i> , 2011, 40, 10090.	1.6	47
20	Antisymmetric exchange in polynuclear metal complexes. <i>Coordination Chemistry Reviews</i> , 2010, 254, 2973-3025.	9.5	46
21	Spin crossover in mononuclear and binuclear iron(III) complexes with pentadentate Schiff-base ligands. <i>Chemical Physics Letters</i> , 2000, 325, 411-419.	1.2	45
22	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, 12933-12950.	1.6	45
23	Disklike Hepta- and Tridecanuclear Cobalt Clusters. Synthesis, Structures, Magnetic Properties, and DFT Calculations. <i>Inorganic Chemistry</i> , 2014, 53, 5458-5466.	1.9	43
24	Tetranuclear Lanthanide Complexes Containing a Hydrazone-type Ligand. Dysprosium [2 Å ⁻²] Gridlike Single-Molecule Magnet and Toric. <i>Inorganic Chemistry</i> , 2016, 55, 12470-12476.	1.9	43
25	Large and negative magnetic anisotropy in pentacoordinate mononuclear Ni(II) Schiff base complexes. <i>Dalton Transactions</i> , 2015, 44, 9551-9560.	1.6	41
26	Field-induced slow relaxation of magnetization in a pentacoordinate Co(II) compound [Co(phen)(DMSO)Cl ₂]. <i>Dalton Transactions</i> , 2015, 44, 15014-15021.	1.6	40
27	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, 15602-15616.	1.6	39
28	Structural, Magnetic, and Redox Diversity of First-Row Transition Metal Complexes of a Pyridine-Based Macrocyclic: Well-Marked Trends Supported by Theoretical DFT Calculations. <i>Inorganic Chemistry</i> , 2015, 54, 3352-3369.	1.9	39
29	Magnetic and structural properties of dinuclear singly bridged-phenoxido metal(II) complexes. <i>Dalton Transactions</i> , 2015, 44, 2110-2121.	1.6	39
30	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, 2803-2812.	1.6	38
31	Two Types of Hexanuclear Partial Tetracubane [Ni ₄ Ln ₂] (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.	1.9	37
32	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.	1.9	37
33	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.	1.5	37
34	Iron(II) complexes of ditopic carbanionic carbenes. <i>Dalton Transactions</i> , 2014, 43, 4335-4344.	1.6	36
35	Experimental and Theoretical Investigations of Magnetic Exchange Pathways in Structurally Diverse Iron(III) Schiff-Base Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 8625-8638.	1.9	35
36	Crystal structures and magnetic properties of two series of phenoxo-bridged dinuclear Ln ₂ (Ln = Gd, Tb, Dy) complexes. <i>Dalton Transactions</i> , 2017, 46, 16294-16305.	1.6	34

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37	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.	1.4	34
38	Electronic structure and magnetic properties of a trigonal prismatic Cull ₆ cluster. <i>Dalton Transactions</i> , 2009, , 5924.	1.6	33
39	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.	1.3	33
40	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.	2.1	33
41	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, 7153-7165.	1.6	32
42	Synthesis, structure and magnetic characterization of dinuclear copper(II) complexes bridged by bicompartamental phenolate. <i>RSC Advances</i> , 2015, 5, 87139-87150.	1.7	32
43	Interplay between spin crossover and exchange interaction in iron(III) complexes. <i>Pure and Applied Chemistry</i> , 2009, 81, 1357-1383.	0.9	31
44	Magnetic coupling in EE and EO azido-bridged binuclear copper complexes: Synthesis, structure and magnetic studies. <i>Polyhedron</i> , 2010, 29, 1201-1208.	1.0	31
45	Limiting negative zero-field splitting in tetrakis(imidazole)bis(acetato) nickel(II) complex. <i>Chemical Physics Letters</i> , 2003, 373, 402-410.	1.2	29
46	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.	1.6	28
47	Magnetic Anisotropy and Field-Induced Slow Relaxation of Magnetization in a Tetracoordinate Compound [Co(CH ₃) ₂ Cl ₂]. <i>Materials</i> , 2017, 10, 249.	1.3	27
48	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.	1.9	27
49	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.	1.9	27
50	Magnetic ordering in a mononuclear cobalt(II) complex containing a Schiff-base pentadentate ligand. <i>Dalton Transactions</i> , 2005, , 1352-1353.	1.6	26
51	High-spin tetranuclear MnII ₂ MnIV ₂ clusters with unique Mn(II)–Mn(IV) magnetic exchange: synthesis, structures and magnetism. <i>Dalton Transactions</i> , 2009, , 3182.	1.6	26
52	Mixed-Valence Heptanuclear Iron Complexes with Ferromagnetic Interaction. <i>Inorganic Chemistry</i> , 2012, 51, 12755-12767.	1.9	26
53	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.	1.6	26
54	Structure and Magnetism of Seven-Coordinate Fe ^{III} , Fe ^{II} , Co ^{II} and Ni ^{II} Complexes Containing a Heptadentate 15-Membered Pyridine-Based Macrocyclic Ligand. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4286-4297.	1.0	26

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55	Magnetic properties of trinuclear Ni ^{II} -M ^{II} -Ni complexes, M=Mn, Co and Ni. <i>Chemical Physics Letters</i> , 2006, 423, 192-196.	1.2	25
56	Anion-Dependent Facile Route to Magnetic Dinuclear and Dodecanuclear Cobalt Clusters. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2229-2234.	1.0	25
57	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.	1.6	25
58	Synthesis and Characterization of Linear Trinuclear Pd, Co, and Pd/Co Pyrazolate Complexes. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 4745-4755.	1.0	24
59	Dinuclear Fe(III) complexes with spin crossover. <i>Monatshefte für Chemie</i> , 2009, 140, 815-828.	0.9	23
60	Tuning of the Critical Temperature in Iron(II) Spin-Crossover Materials Based on Bridging Polycyanidometallates: Pentacyanidonitrosylferrate(II) and Hexacyanidoplatinate(IV). <i>Inorganic Chemistry</i> , 2011, 50, 12390-12392.	1.9	23
61	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.	1.2	23
62	Muffin-like lanthanide complexes with an N ₅ O ₂ -donor macrocyclic ligand showing field-induced single-molecule magnet behaviour. <i>Dalton Transactions</i> , 2016, 45, 15114-15121.	1.6	22
63	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.	1.2	22
64	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.	1.9	22
65	Stereochemistry of coordination polyhedra <i>vs.</i> single ion magnetism in penta- and hexacoordinated Co(II) complexes with tridentate rigid ligands. <i>Dalton Transactions</i> , 2020, 49, 1249-1264.	1.6	22
66	Ferromagnetic coupling mediated by Co ^{II} non-covalent contacts in a pentacoordinate Co(II) compound showing field-induced slow relaxation of magnetization. <i>Dalton Transactions</i> , 2016, 45, 12479-12482.	1.6	21
67	The effect of the second coordination sphere on the magnetism of [Ln(NO ₃) ₃ (H ₂ O) ₃](18-crown-6) (Ln = Dy and Er). <i>RSC Advances</i> , 2019, 9, 569-575.	1.7	21
68	Selective Coordination of Self-Assembled Hexanuclear [Ni ₄ Ln ₂] and [Ni ₂ Mn ₂ Ln ₂] (Ln = Dy, Tb, and Tm) <i>Chemistry</i> , 2020, 59, 17929-17944.	1.9	21
69	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.	1.9	20
70	Ferromagnetism in a Dinuclear Nickel(II) Complex Containing Triethylenetetramine and Tricyanomethanide. <i>Inorganic Chemistry</i> , 2003, 42, 6965-6967.	1.9	19
71	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.	1.6	19
72	High-spin Schiff-base dinuclear iron(III) complexes bridged by N-oxide ligands. <i>Inorganica Chimica Acta</i> , 2009, 362, 4754-4759.	1.2	17

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73	Crystal Water Molecules as Magnetic Tuners in Molecular Metamagnets Exhibiting Antiferro-“Ferro”-Paramagnetic Transitions. <i>Inorganic Chemistry</i> , 2011, 50, 9153-9163.	1.9	17
74	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.	1.7	17
75	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.	1.9	17
76	Structural, magnetic, redox and theoretical characterization of seven-coordinate first-row transition metal complexes with a macrocyclic ligand containing two benzimidazolyl <i>N</i> -pendant arms. <i>Dalton Transactions</i> , 2020, 49, 4425-4440.	1.6	17
77	Synthesis, spectral (UV-Vis, IR, ESI-MS), magnetic and structural characterizations, and the antimicrobial effect of potassium isothiocyanato-(<i>N</i> -salicylidene-amino-acidato)cuprates. <i>Inorganica Chimica Acta</i> , 2010, 363, 3887-3896.	1.2	16
78	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.	1.0	15
79	A Combined Experimental and Computational Study of the Magnetic Superexchange within a Triangular (1/3-O)-Pyrazolato-FelII ₃ Complex. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 3500-3506.	1.0	15
80	A trigonal prismatic Cu ₆ -pyrazolato complex containing a 1/4-F ligand. <i>Dalton Transactions</i> , 2015, 44, 20685-20691.	1.6	15
81	Deposition of Tetracoordinate Co(II) Complex with Chalcone Ligands on Graphene. <i>Molecules</i> , 2020, 25, 5021.	1.7	15
82	Crystal structure, spectroscopic and magnetic properties, and antimicrobial activities of cobalt(II) 2-methylthionicotinate complexes with <i>N</i> -heterocyclic ligands. <i>Transition Metal Chemistry</i> , 2008, 33, 967-974.	0.7	14
83	Anion coordination directed synthesis patterns for [Ni ₄] aggregates: structural changes for thiocyanate coordination and ligand arm hydrolysis. <i>New Journal of Chemistry</i> , 2018, 42, 16717-16728.	1.4	14
84	5-Aminotetrazole induces spin crossover in iron(III) pentadentate Schiff base complexes: experimental and theoretical investigations. <i>Dalton Transactions</i> , 2013, 42, 16279.	1.6	13
85	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, 1681.	1.7	13
86	Spin crossover behavior of a one-dimensional polymeric-chain compound {[Fe(abpt) ₂ (1/4-Ni(CN) ₄)] _n ·xH ₂ O} (x=0.5±0): Synthesis, spectral, thermal and magnetic properties. <i>Inorganica Chimica Acta</i> , 2011, 365, 458-461.	1.2	12
87	Self-assembled octanuclear [Ni ₅ Ln ₃] (Ln = Dy, Tb and Ho) complexes: synthesis, coordination induced ligand hydrolysis, structure and magnetism. <i>Dalton Transactions</i> , 2020, 49, 7968-7976.	1.6	12
88	Thermo- and photoinduced spin state switching in an iron(II) 2D coordination network associated with large light-induced thermal hysteresis and tuning of dimensionality via ligand modulation. <i>Dalton Transactions</i> , 2021, 50, 7725-7735.	1.6	12
89	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.	1.4	11
90	Syntheses and magnetic properties of trinuclear trithiocyanurato-bridged manganese(II) complexes involving bidentate aromatic <i>N</i> -donor heterocycles. <i>Inorganic Chemistry Communication</i> , 2010, 13, 778-781.	1.8	11

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91	Double exchange in a mixed-valent octanuclear iron cluster, [Fe ₈ (μ_4 -O) ₄ (μ_4 -Cl-pz) ₁₂ Cl ₄] ⁺ . Dalton Transactions, 2014, 43, 11269-11276.	1.6	11
92	Co(II)-Based single-ion magnets with 1,1'-ferrocenediyl-bis(diphenylphosphine) metalloligands. Dalton Transactions, 2020, 49, 11697-11707.	1.6	11
93	Anticancer half-sandwich Ir(III) complex and its interaction with various biomolecules and their mixtures – a case study with ascorbic acid. Inorganic Chemistry Frontiers, 2022, 9, 3758-3770.	3.0	11
94	Magnetic Properties of a Manganese(II) Trinuclear Complex Involving a Tridentate Schiff-Base Ligand. Inorganic Chemistry, 2007, 46, 1544-1546.	1.9	10
95	Copper(II) and cobalt(II) hydroxypyridinecarboxylates: Synthesis, crystal structures, spectral and magnetic properties. Chemical Papers, 2008, 62, .	1.0	10
96	Heterobimetallic assemblies of Ni(II) complexes with a tetradentate amine ligand and diamagnetic cyanidometallates. Inorganica Chimica Acta, 2011, 366, 366-372.	1.2	10
97	Iron(III) bis(pyrazol-1-yl)acetate based decanuclear metallacycles: synthesis, structure, magnetic properties and DFT calculations. Dalton Transactions, 2016, 45, 15089-15096.	1.6	10
98	A potential method to improve the <i>in vitro</i> cytotoxicity of half-sandwich Os(II) complexes against A2780 cells. Dalton Transactions, 2018, 47, 5714-5724.	1.6	10
99	Late first-row transition metal complexes of a 17-membered piperazine-based macrocyclic ligand: structures and magnetism. Dalton Transactions, 2020, 49, 9057-9069.	1.6	10
100	The Structural and Magnetic Properties of FeII and CoII Complexes with 2-(furan-2-yl)-5-pyridin-2-yl-1,3,4-oxadiazole. Molecules, 2020, 25, 277.	1.7	10
101	Cis and Trans Isomers of Fe(II) and Co(II) Complexes with Oxadiazole Derivatives – Structural and Magnetic Properties. European Journal of Inorganic Chemistry, 2021, 2021, 1190-1199.	1.0	10
102	Trigonally Distorted Hexacoordinate Co(II) Single-Ion Magnets. Materials, 2022, 15, 1064.	1.3	10
103	Structurally varied Cu(II) complexes involving kinetin and its derivatives: Synthesis, characterization and evaluation of SOD-mimic activity. Polyhedron, 2012, 34, 56-66.	1.0	9
104	Fe ₃ O ₄ Nanocrystals Tune the Magnetic Regime of the Fe/Ni Molecular Magnet: A New Class of Magnetic Superstructures. Inorganic Chemistry, 2013, 52, 8144-8150.	1.9	9
105	Structural and magnetic characterizations of the first manganese(III) Schiff base complexes involving hexathiocyanidoplatinate(IV) bridges. CrystEngComm, 2013, 15, 5351.	1.3	9
106	Structural characterization of ferromagnetic bridged-acetato and -dichlorido copper(II) complexes based on bicompartamental 4-t-butylphenol. Inorganic Chemistry Communication, 2015, 60, 1-3.	1.8	9
107	Field-induced slow relaxation of magnetization in dinuclear and trinuclear Co ^{III} –Mn ^{III} complexes. RSC Advances, 2016, 6, 3074-3083.	1.7	9
108	An octanuclear Schiff-base complex with a Na ₂ Ni ₆ core: structure, magnetism and DFT calculations. RSC Advances, 2017, 7, 25821-25827.	1.7	9

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109	Cell-based studies of the first class half sandwich Ir(III) complex containing histone deacetylase inhibitor 4-phenylbutyrate. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4246.	1.7	9
110	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.	1.6	9
111	The first exploration of coordination chemistry using a methyl substituted <i>o</i> -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.	1.4	9
112	Investigation of Magnetic Exchange Pathways in Heterotrinary Manganese(III) Schiff Base Complexes Involving Tetrathiocyanidoplatinate(II) Bridges. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5781-5789.	1.0	8
113	Dinuclear and polymeric (1/4-formato)nickel(II) complexes: Synthesis, structure, spectral and magnetic properties. <i>Polyhedron</i> , 2015, 95, 45-53.	1.0	8
114	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.	1.6	8
115	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-5-bis(pyridin-2-yl)-1,2,4-triazole Ligand. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 250-261.		8
116	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.	1.4	7
117	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.	1.6	7
118	Halogen Bonding in New Dichloride-Cobalt(II) Complex with Iodo Substituted Chalcone Ligands. <i>Crystals</i> , 2020, 10, 354.	1.0	7
119	Impact of counter anions on spin-state switching of manganese(III) complexes containing an azobenzene ligand. <i>Dalton Transactions</i> , 2022, 51, 7681-7694.	1.6	7
120	Cobalt(III) Schiff-base cyanido complex usable as a ligand in preparation of heterobimetallic Co(III)-Fe(III) building blocks. <i>Inorganic Chemistry Communication</i> , 2013, 35, 50-53.	1.8	6
121	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.	1.7	6
122	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.	1.6	6
123	Synthesis, characterization, magnetism and theoretical analysis of hetero-metallic [Ni ₂ Ln ₂] partial di-cubane assemblies. <i>Dalton Transactions</i> , 2021, 50, 12517-12527.	1.6	6
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125	A new series of Schiff base Ni(II) ₄ cubanes: Evaluation of magnetic coupling via carboxylate bridges. <i>Polyhedron</i> , 2021, 196, 115017.	1.0	6
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132	Structural and magnetic susceptibility study of an octanuclear Mn(III)-oxo-pyrazolido complex. <i>Polyhedron</i> , 2018, 149, 142-147.	1.0	5
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137	Ion-pair complexes of Schiff base Fe(III) cations and complex anions. <i>New Journal of Chemistry</i> , 2019, 43, 4937-4946.	1.4	4
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