

Roman Boca

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134
papers

4,028
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32
h-index

59
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138
ext. papers

4,402
ext. citations

3.6
avg, IF

5.84
L-index

#	Paper	IF	Citations
134	Zero-field splitting in metal complexes. <i>Coordination Chemistry Reviews</i> , 2004 , 248, 757-815	23.2	704
133	Simple mononuclear cobalt(II) complex: a single-molecule magnet showing two slow relaxation processes. <i>Inorganic Chemistry</i> , 2014 , 53, 2367-9	5.1	146
132	Magnetic Parameters and Magnetic Functions in Mononuclear Complexes Beyond the Spin-Hamiltonian Formalism 1-264		145
131	Room-temperature spin-transition iron compounds. <i>Monatshefte Für Chemie</i> , 2009 , 140, 695-733	1.4	137
130	Heterometallic Co(III) ₄ Fe(III) ₂ Schiff base complex: structure, electron paramagnetic resonance, and alkane oxidation catalytic activity. <i>Inorganic Chemistry</i> , 2012 , 51, 9110-22	5.1	113
129	Magnetostructural D correlations in hexacoordinated cobalt(II) complexes. <i>Inorganic Chemistry</i> , 2011 , 50, 11838-45	5.1	105
128	A mononuclear Ni(II) complex: a field induced single-molecule magnet showing two slow relaxation processes. <i>Dalton Transactions</i> , 2015 , 44, 12484-7	4.3	104
127	Single-molecule magnetism in a pentacoordinate cobalt(II) complex supported by an antenna ligand. <i>Inorganic Chemistry</i> , 2014 , 53, 8200-2	5.1	102
126	Strong cooperativeness in the mononuclear iron(II) derivative exhibiting an abrupt spin transition above 400 K. <i>Inorganic Chemistry</i> , 2001 , 40, 3025-33	5.1	98
125	Magnetostructural D correlation in nickel(II) complexes: reinvestigation of the zero-field splitting. <i>Inorganic Chemistry</i> , 2010 , 49, 3971-3	5.1	90
124	Three tetracoordinate Co(II) complexes [Co(biq)X ₂] (X = Cl, Br, I) with easy-plane magnetic anisotropy as field-induced single-molecule magnets. <i>Dalton Transactions</i> , 2015 , 44, 17565-71	4.3	84
123	Field Supported Slow Magnetic Relaxation in a Mononuclear Cu(II) Complex. <i>Inorganic Chemistry</i> , 2017 , 56, 1478-1482	5.1	83
122	Zero-field splitting in pseudotetrahedral Co(II) complexes: a magnetic, high-frequency and -field EPR, and computational study. <i>Inorganic Chemistry</i> , 2013 , 52, 9409-17	5.1	72
121	Spin crossover in a tetranuclear Cr(III)-Fe(III) ₃ complex. <i>Inorganic Chemistry</i> , 2004 , 43, 4103-5	5.1	72
120	A Systematic Exploration of Nickel(II)/Acetate/Di-2-pyridyl Ketone Chemistry: Neutral and Cationic Tetranuclear Clusters, and a Novel Mononuclear Complex. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 2236-2252	2.3	65
119	Tetranuclear hetero-metal [Co(II) ₂ Ln(III) ₂] (Ln = Gd, Tb, Dy, Ho, La) complexes involving carboxylato bridges in a rare $\mu_3\text{-}(\mu_2)_2$ mode: synthesis, crystal structures, and magnetic properties. <i>Inorganic Chemistry</i> , 2014 , 53, 1295-306	5.1	63
118	Is There a Need for New Models of the Spin Crossover?. <i>Monatshefte Für Chemie</i> , 2003 , 134, 199-216	1.4	60

117	A heptanuclear Fe(II)Be(III) ₆ system with twelve unpaired electrons. <i>Inorganic Chemistry Communication</i> , 2000 , 3, 662-665	3.1	58
116	Inclusion of relativistic effects into ZDO methods. I. A quasi-relativistic CNDO/1. <i>International Journal of Quantum Chemistry</i> , 1987 , 31, 941-950	2.1	48
115	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
114	Supramolecular lattice-solvent control of iron(II) spin transition parameters. <i>CrystEngComm</i> , 2010 , 12, 2361	3.3	41
113	Field-Assisted Slow Magnetic Relaxation in a Six-Coordinate Co(II)-Co(III) Complex with Large Negative Anisotropy. <i>Inorganic Chemistry</i> , 2017 , 56, 6999-7009	5.1	40
112	A mononuclear Co(ii) complex formed from pyridinedimethanol with manifold slow relaxation channels. <i>Dalton Transactions</i> , 2017 , 46, 10950-10956	4.3	40
111	Cr(III)-Cr(III) interactions in two alkoxo-bridged heterometallic Zn ₂ Cr ₂ complexes self-assembled from zinc oxide, Reinecke's salt, and diethanolamine. <i>Inorganic Chemistry</i> , 2010 , 49, 5460-71	5.1	40
110	Spin crossover in a heptanuclear mixed-valence iron complex. <i>Dalton Transactions</i> , 2010 , 39, 2198-200	4.3	40
109	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
108	Magneto-structural relationships for a mononuclear Co(II) complex with large zero-field splitting. <i>Inorganica Chimica Acta</i> , 2010 , 363, 147-156	2.7	40
107	Bis-phenoxido and bis-acetato bridged heteronuclear {Co(III)Dy(III)} single molecule magnets with two slow relaxation branches. <i>Dalton Transactions</i> , 2016 , 45, 7510-20	4.3	37
106	Spin Crossover in Iron(III) Complexes with Pentadentate Schiff Base Ligands and Pseudohalido Coligands. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 902-915	2.3	36
105	Cu(II)-Dy(III) and Co(III)-Dy(III) based single molecule magnets with multiple slow magnetic relaxation processes in the Cu(II)-Dy(III) complex. <i>Dalton Transactions</i> , 2015 , 44, 13242-9	4.3	35
104	A tetracoordinate Co(II) single molecule magnet based on triphenylphosphine and isothiocyanato group. <i>Polyhedron</i> , 2016 , 110, 85-92	2.7	34
103	Inclusion of relativistic effects into ZDO methods. III. A. Quasi-relativistic INDO/1 version. <i>International Journal of Quantum Chemistry</i> , 1988 , 34, 385-399	2.1	34
102	Zero-field splitting in pentacoordinate Co(II) complexes. <i>Polyhedron</i> , 2013 , 65, 122-128	2.7	32
101	Established Static Models of Spin Crossover. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 697-709	2.3	32
100	Approaching bulk limit for three-dimensional solids via the cyclic cluster approximation: Semiempirical INDO study. <i>Journal of Computational Chemistry</i> , 1999 , 20, 253-261	3.5	32

99	Iron(III) complexes with pentadentate Schiff-base ligands: Influence of crystal packing change and pseudohalido coligand variations on spin crossover. <i>Polyhedron</i> , 2015 , 87, 194-201	2.7	30
98	Syntheses, crystal structures and magnetic properties of two mixed-valence Co(III)Co(II) compounds derived from Schiff base ligands: field-supported single-ion-magnet behavior with easy-plane anisotropy. <i>Dalton Transactions</i> , 2017 , 46, 13135-13144	4.3	30
97	Unconventional Spin Crossover in Dinuclear and Trinuclear Iron(III) Complexes with Cyanido and Metallacyanido Bridges. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 3141-3154	2.3	29
96	Tetracoordinate Co(II) complexes containing bathocuproine and single molecule magnetism. <i>New Journal of Chemistry</i> , 2016 , 40, 6593-6598	3.6	29
95	Breaking the Magic Border of One Second for Slow Magnetic Relaxation of Cobalt-Based Single Ion Magnets. <i>Inorganic Chemistry</i> , 2018 , 57, 14314-14321	5.1	29
94	The structure and magnetism of mono- and di-nuclear Ni(II) complexes derived from {N3O}-donor Schiff base ligands. <i>New Journal of Chemistry</i> , 2017 , 41, 3143-3153	3.6	28
93	Interplay between spin crossover and exchange interaction in iron(III) complexes. <i>Pure and Applied Chemistry</i> , 2009 , 81, 1357-1383	2.1	28
92	Field-Induced Slow Magnetic Relaxation in a Mononuclear Manganese(II) Complex. <i>Inorganic Chemistry</i> , 2019 , 58, 991-994	5.1	28
91	Manifold relaxation processes in a mononuclear Co(II) single-molecule magnet. <i>Polyhedron</i> , 2015 , 102, 88-93	2.7	27
90	Slow Magnetic Relaxation in Cobalt(II) Field-Induced Single-Ion Magnets with Positive Large Anisotropy. <i>Inorganic Chemistry</i> , 2018 , 57, 12740-12755	5.1	27
89	Field-Supported Slow Magnetic Relaxation in Hexacoordinate Co(II) Complexes with Easy Plane Anisotropy. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 1520-1525	2.3	26
88	Field influence on the slow magnetic relaxation of nickel-based single ion magnets. <i>Dalton Transactions</i> , 2018 , 47, 7879-7882	4.3	26
87	Field-Induced Slow Magnetic Relaxation in Mononuclear Tetracoordinate Cobalt(II) Complexes Containing a Neocuproine Ligand. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 3080-3086	2.3	25
86	Slow magnetic relaxation in a Co(II) octahedral-tetrahedral system formed of a [CoL] core with L = bis(diphenylphosphano) methane and tetrahedral [CoBr] counter anions. <i>Dalton Transactions</i> , 2017 , 46, 4148-4151	4.3	24
85	Field effects to slow magnetic relaxation in a mononuclear Ni(II) complex. <i>Chemical Communications</i> , 2017 , 53, 6930-6932	5.8	23
84	Spin crossover and high spin electroneutral mononuclear iron(III) Schiff base complexes involving terminal pseudohalido ligands. <i>New Journal of Chemistry</i> , 2015 , 39, 508-519	3.6	23
83	Physical and Structural Characterization of Imidazolium-Based Organic-Inorganic Hybrid: (C ₃ N ₂ H ₅) ₂ [CoCl ₄]. <i>Journal of Physical Chemistry A</i> , 2016 , 120, 2014-21	2.8	22
82	Dinuclear Fe(III) complexes with spin crossover. <i>Monatshefte für Chemie</i> , 2009 , 140, 815-828	1.4	22

81	Thermal and Photoinduced Spin Crossover in a Mononuclear Iron(II) Complex with a Bis(pyrazolyl)pyridine Type of Ligand. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 1049-1057	2.3	21
80	Five mononuclear pentacoordinate Co(II) complexes with field-induced slow magnetic relaxation. <i>Polyhedron</i> , 2017 , 126, 174-183	2.7	20
79	Field-Supported Single-Molecule Magnets of Type [Co(bzimpy)X ₂]. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 1915-1922	2.3	19
78	Structural and magnetic studies of tetranuclear heterometallic M/Cr (M = Co, Mn) complexes self-assembled from zerovalent cobalt or manganese, Reineckes salt and diethanolamine. <i>Polyhedron</i> , 2010 , 29, 1326-1336	2.7	19
77	Ferromagnetism in a dinuclear nickel(II) complex containing triethylenetetramine and tricyanomethanide. <i>Inorganic Chemistry</i> , 2003 , 42, 6965-7	5.1	19
76	Slow magnetic relaxation in Ni-Ln (Ln = Ce, Gd, Dy) dinuclear complexes. <i>Dalton Transactions</i> , 2019 , 48, 13943-13952	4.3	18
75	DSC Monitoring of the Spin Crossover in Fe(II) Complexes. <i>Magyar Árvad Kölemények</i> , 2002 , 67, 721-731	0	18
74	Positive zero-field splitting in a hexacoordinate nickel(II) complex. <i>Inorganic Chemistry Communication</i> , 2013 , 32, 9-11	3.1	17
73	Magnetostructural correlation in tetracopper(II) cubanes. <i>Polyhedron</i> , 2014 , 70, 52-58	2.7	16
72	Ferromagnetic Properties of a Trinuclear Nickel(II) Complex with a Trithiocyanurate Bridge. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 5475-5482	2.3	16
71	Self-assembly synthesis, structure, topology, and magnetic properties of a mononuclear Fe(III)-violurate derivative: a combined experimental and theoretical study. <i>Dalton Transactions</i> , 2016 , 45, 16166-16172	4.3	15
70	Inclusion of relativistic effects into ZDO methods. II. Solvation of metal complexes. <i>International Journal of Quantum Chemistry</i> , 1988 , 33, 159-167	2.1	15
69	A self-assembled octanuclear complex bearing the uncommon close-packed {Fe ₄ Mn ₄ (μ-O) ₄ (ED) ₄ } molecular core. <i>Dalton Transactions</i> , 2015 , 44, 14918-24	4.3	14
68	Oxidation properties of dopamine at and near physiological conditions. <i>Monatshefte Für Chemie</i> , 2015 , 146, 1799-1805	1.4	14
67	Low-dimensional compounds containing cyanido groups. XXVI. Crystal structure, spectroscopic and magnetic properties of Co(II) complexes with non-linear pseudohalide ligands. <i>Polyhedron</i> , 2014 , 81, 396-408	2.7	14
66	Magnetism, IR and Raman spectra of a tetracoordinate and hexacoordinate Co(II) complexes derived from aminopyrimidine. <i>Inorganica Chimica Acta</i> , 2013 , 408, 162-171	2.7	14
65	Octahedral-Tetrahedral Systems [Co(dppm)][CoX] Showing Slow Magnetic Relaxation with Two Relaxation Modes. <i>Inorganic Chemistry</i> , 2018 , 57, 4352-4358	5.1	13
64	Direct synthesis of a {Co(II)Fe(II)} dodecanuclear complex, revealing an unprecedented molecular structure type. <i>Dalton Transactions</i> , 2015 , 44, 10918-22	4.3	12

63	Self-assembled cobalt(II) Schiff base complex: synthesis, structure, and magnetic properties. <i>Monatshefte für Chemie</i> , 2011 , 142, 789-795	1.4	12
62	Thin layers of grey arsenic: A molecular orbital study. <i>European Physical Journal D</i> , 1993 , 43, 813-819		12
61	An extended PCILO method. <i>Theoretica Chimica Acta</i> , 1982 , 61, 179-192		12
60	Multifunctional materials based on the double-perovskite organic-inorganic hybrid (CHNH)[KCr(CN)] showing switchable dielectric, magnetic, and semiconducting behaviour. <i>Dalton Transactions</i> , 2019 , 48, 16650-16660	4.3	12
59	Long magnetic relaxation time of tetracoordinate Co in imidazo[1,5-a]pyridinium-based (CHN)[CoCl] hybrid salt and [Co(CHN)Cl] molecular complex. <i>Dalton Transactions</i> , 2019 , 48, 11278-11284	4.3	11
58	Slow magnetic relaxations in a ladder-type Dy(III) complex and its dinuclear analogue. <i>Dalton Transactions</i> , 2017 , 46, 5344-5351	4.3	10
57	Slow magnetic relaxation in hexacoordinated cobalt(II) field-induced single-ion magnets. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 2637-2650	6.8	10
56	MAGNETIC PROPERTIES AND ELECTRONIC STRUCTURE OF FIVE- AND SIX-COORDINATE MANGANESE(II)2,6-bis(BENZIMIDAZOL-2-YL) PYRIDINE COMPLEXES. <i>Journal of Coordination Chemistry</i> , 1996 , 40, 293-309	1.6	10
55	Slow magnetic relaxation in Cu(II)Eu(III) and Cu(II)Dy(III) complexes. <i>New Journal of Chemistry</i> , 2019 , 43, 12698-12701	3.6	9
54	Slow magnetic relaxation in a high-spin pentacoordinate Fe(III) complex. <i>Chemical Communications</i> , 2019 , 55, 13868-13871	5.8	9
53	Redox activity of some non-innocent amino acids. <i>Monatshefte für Chemie</i> , 2013 , 144, 937-949	1.4	8
52	Deposits of iron oxides in the human spleen. <i>Polyhedron</i> , 2013 , 66, 65-69	2.7	8
51	Synthesis, crystal structures, spectral and magnetic properties of nickel(II) pyridinecarboxylates with N-heterocyclic ligands. <i>Inorganica Chimica Acta</i> , 2015 , 429, 73-80	2.7	8
50	Inclusion of relativistic effects into ZDO methods. IV. Relativistic CNDO/1. <i>International Journal of Quantum Chemistry</i> , 1990 , 37, 209-220	2.1	8
49	Above Room Temperature Spin Transition in Thermally Stable Mononuclear Fe(III) Complexes. <i>Inorganic Chemistry</i> , 2019 , 58, 1134-1146	5.1	8
48	Reciprocating thermal behavior in the family of single ion magnets. <i>Coordination Chemistry Reviews</i> , 2021 , 436, 213808	23.2	7
47	Unexpected behavior of single ion magnets. <i>Coordination Chemistry Reviews</i> , 2021 , 430, 213657	23.2	7
46	Heterometallic CuFe and CuMn alkoxo-bridged complexes revealing a rare hexanuclear M(II)(II) molecular core. <i>Dalton Transactions</i> , 2018 , 47, 10941-10952	4.3	6

45	Coupled magnetic interactions and the Ising-like model for spin crossover in binuclear compounds. <i>European Physical Journal B</i> , 2013 , 86, 1	1.2	6
44	Syntheses, crystal structures, and magnetic properties of two isostructural complexes (trenH ₄) ₂ [CoX ₄] ₆ (X = Cl, Br). <i>Monatshefte für Chemie</i> , 2015 , 146, 243-248	1.4	6
43	Valence orbital ionization potentials of K(2)L(8)M(18)4sm4pn atoms and ions. <i>Molecular Physics</i> , 1976 , 32, 587-590	1.7	6
42	Details make the difference: a family of tetranuclear CuMn complexes with cube-like and double open cube-like cores. <i>Dalton Transactions</i> , 2017 , 46, 7480-7494	4.3	5
41	Syntheses, Structures and Magnetic Properties of Ferromagnetically/Antiferromagnetically Coupled Penta- and Hexanuclear Azido-Bridged Nickel(II) Coordination Compounds. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 2362-2371	2.3	5
40	Exceptionally slow magnetic relaxation in a mononuclear hexacoordinate Ni(II) complex. <i>Dalton Transactions</i> , 2019 , 48, 11647-11650	4.3	5
39	Magnetostructural J-correlations in complexes with tetrahedro-{Cu ₄ } core. <i>Polyhedron</i> , 2014 , 81, 572-582.7		5
38	o-Phenylenedioxydiacetate complexes of Gd(III) and Ce(III): syntheses, crystal structures, and magnetic properties. <i>Journal of Coordination Chemistry</i> , 2014 , 67, 1046-1060	1.6	5
37	Mössbauer and SQUID Characterization of Iron in Human Tissue: Case of Globus Pallidus. <i>Acta Physica Polonica A</i> , 2014 , 126, 240-241	0.6	5
36	Today's View of the Chemical Bond. <i>Monatshefte für Chemie</i> , 2005 , 136, 881-923	1.4	5
35	Inclusion of relativistic effects into ZDO methods. V. Effect of core and polarization functions in bonding of first-group elements. <i>International Journal of Quantum Chemistry</i> , 1989 , 36, 727-739	2.1	5
34	Reciprocating Thermal Behavior in Multichannel Relaxation of Cobalt(II) Based Single Ion Magnets. <i>Magnetochemistry</i> , 2021 , 7, 76	3.1	5
33	Slow magnetic relaxation in a azido cobalt(II) methylquinoline chain complex. <i>Dalton Transactions</i> , 2018 , 47, 15745-15750	4.3	5
32	Chemical tuning by 5-Methyl and N-Methyl-substitution in heptanuclear complexes effects multistability investigated by Mössbauer spectroscopy. <i>Hyperfine Interactions</i> , 2008 , 184, 259-265	0.8	4
31	A MOLECULAR ORBITAL APPROACH TO COLIGAND ISOMER FORMATION. <i>Journal of Coordination Chemistry</i> , 1994 , 33, 137-145	1.6	4
30	Modified PCIL0 method. II. Second-order energy and geometry of transition-metal halides. <i>International Journal of Quantum Chemistry</i> , 1980 , 18, 1361-1370	2.1	4
29	Magnetic properties of iron oxides present in the human brain. <i>Polyhedron</i> , 2019 , 157, 505-510	2.7	4
28	Spin-crossover in an iron(III) complex showing a broad thermal hysteresis. <i>Dalton Transactions</i> , 2021 , 50, 472-475	4.3	4

27	Electrospinning synthesis and characterization of PLA-PEG-MNPs composite fibrous membranes. <i>Hyperfine Interactions</i> , 2017 , 238, 1	0.8	3
26	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
25	Study of zero-field splitting in Ni(II) complexes with near octahedral geometry. <i>Inorganica Chimica Acta</i> , 2019 , 491, 138-146	2.7	3
24	Effect of the distant substituent on the slow magnetic relaxation of the mononuclear Co(II) complex with pincer-type ligands. <i>Dalton Transactions</i> , 2020 , 49, 4206-4210	4.3	3
23	Impact of tetrahedral and square planar geometry of Ni(II) complexes with (pseudo)halide ligands to magnetic properties. <i>Inorganica Chimica Acta</i> , 2018 , 483, 352-358	2.7	3
22	Cooperativeness of the Spin Crossover Systems. <i>Molecular Crystals and Liquid Crystals</i> , 1999 , 335, 551-560		3
21	Platinum-centered octakis (triphenylphosphino gold) clusters: A relativistic MO study. <i>International Journal of Quantum Chemistry</i> , 1996 , 57, 735-740	2.1	3
20	A Mixed Valence CoCo Field-Supported Single Molecule Magnet: Solvent-Dependent Structural Variation. <i>Molecules</i> , 2021 , 26,	4.8	3
19	Deposits of iron oxides in the human globus pallidus. <i>Open Physics</i> , 2019 , 17, 291-298	1.3	2
18	Tetracoordinate cobalt(II) complexes with neocuproine: single-molecule magnets with potential biological activity. <i>Chemical Papers</i> , 2018 , 72, 877-882	1.9	2
17	Magnetic Deposits of Iron Oxides in the Human Brain. <i>Nova Biotechnologica Et Chimica</i> , 2014 , 13, 48-56	0.4	2
16	Diamagnetic cobalt(III)tris(o-ethylxanthate) and nickel(II)bis(o-ethylxanthate). <i>Nova Biotechnologica Et Chimica</i> , 2017 , 16, 138-146	0.4	2
15	Magnetostructural Relationships For Fe(III) Spin Crossover Complexes. <i>Nova Biotechnologica Et Chimica</i> , 2015 , 14, 96-103	0.4	2
14	Synthesis, crystal structure and magnetic properties of (acetato- μ , μ')bis(5,5'-dimethyl-2,2'-bipyridine- μ , μ')nickel(II) perchlorate monohydrate. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2015 , 71, 252-7	0.8	2
13	Effect of the Distant Substituent to Slow Magnetic Relaxation of Pentacoordinate Fe(III) Complexes. <i>Inorganic Chemistry</i> , 2020 , 59, 14871-14878	5.1	2
12	Field induced slow magnetic relaxation in a zig-zag chain-like Dy(III) complex with the ligand o-phenylenedioxydiacetato. <i>New Journal of Chemistry</i> , 2020 , 44, 13458-13465	3.6	2
11	Positive zero-field splitting and unexpected slow magnetic relaxation in the magneto-chemical calibrant HgCo(NCS). <i>Dalton Transactions</i> , 2021 , 50, 3468-3472	4.3	2
10	Exceptionally slow magnetic relaxation in cobalt(II) benzoate trihydrate. <i>Dalton Transactions</i> , 2018 , 47, 15523-15529	4.3	2

9	Non-traditional thermal behavior of Co(II) coordination networks showing slow magnetic relaxation. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 4356-4366	6.8	2
8	Crystal structures and magnetism of novel dinuclear dipicolinate compounds containing neocuproine. <i>Inorganic Chemistry Communication</i> , 2019 , 104, 197-200	3.1	1
7	Gold-surface binding of molecular switches studied by Mössbauer spectroscopy. <i>Hyperfine Interactions</i> , 2012 , 205, 63-67	0.8	1
6	New members of the polynuclear manganese family: MnMn single-molecule magnets and MnMn antiferromagnetic complexes. Synthesis and magnetostructural correlations. <i>Dalton Transactions</i> , 2020 , 49, 13970-13985	4.3	1
5	Structural, Magnetic, and Electrochemical Characterization of Iron(III) and Cobalt Complexes with Penta-N3O2-dentate Ligands. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 1498-1504	2.3	1
4	Thieno[3,2-c]Pyridine Complex of Ni(II) with Unusual Magnetic Properties. <i>Nova Biotechnologica Et Chimica</i> , 2016 , 15, 182-189	0.4	1
3	A Tetranuclear Dysprosium Schiff Base Complex Showing Slow Relaxation of Magnetization. <i>Inorganics</i> , 2022 , 10, 66	2.9	1
2	Non-Linear Magnetic Behavior of a Tetranuclear Copper(II) Cluster. <i>Molecular Crystals and Liquid Crystals</i> , 1999 , 335, 33-42		
1	Ab initio study of the biogenic amino acids. <i>Journal of Molecular Modeling</i> , 2021 , 27, 355	2	