

Ghenadie Novitchi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis, structures, and magnetic properties of Fe ₄ -Ln ₂ (Ln = Tb, Ho, and Er) clusters with N, N, N', N'-tetrakis-(2-hydroxyethyl)ethylenediamine. <i>Inorganica Chimica Acta</i> , 2022, 537, 120920.	2.4	2
2	The Ruthenium Nitrosyl Moiety in Clusters: Trinuclear Linear μ_3 -Hydroxido Magnesium(II)-Diruthenium(II), μ_3 -Oxido Trinuclear Diiron(III)-Ruthenium(II), and Tetranuclear μ_4 -Oxido Trigallium(III)-Ruthenium(II) Complexes. <i>Inorganic Chemistry</i> , 2022, 61, 950-967.	4.0	7
3	Design of Fe ^{III} -Ln ^{III} binuclear complexes using compartmental ligands: synthesis, crystal structures, magnetic properties, and <i>in situ</i> analysis. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10912-10926.	5.5	7
4	New Cyanido-Bridged Heterometallic 3d-4f 1D Coordination Polymers: Synthesis, Crystal Structures and Magnetic Properties. <i>Magnetochemistry</i> , 2021, 7, 57.	2.4	5
5	Nanoscale Coordination Polymer of Dimanganese(II) as Infinite, Flexible Nanosheets with Photo-Switchable Morphology. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2043-2054.	2.0	4
6	Cation-Directed Synthetic Strategy Using 4f Tungstoantimonates as Nonlacunary Precursors for the Generation of 3d-4f Clusters. <i>Inorganic Chemistry</i> , 2020, 59, 8461-8467.	4.0	13
7	Exploring the coordination abilities of 1,5-diisopropyl-3-(4-carboxyphenyl)-6-oxoverdazyl. <i>Comptes Rendus Chimie</i> , 2019, 22, 541-548.	0.5	4
8	Investigation of the cytotoxic potential of methyl imidazole-derived thiosemicarbazones and their copper(II) complexes with dichloroacetate as a co-ligand. <i>New Journal of Chemistry</i> , 2019, 43, 1340-1357.	2.8	12
9	Effects of the Exchange Coupling on Dynamic Properties in a Series of CoGdCo Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 756-768.	4.0	9
10	Filling the Gap in Extended Metal Atom Chains: Ferromagnetic Interactions in a Tetrairon(II) String Supported by Oligo- μ -pyridylamido Ligands. <i>Inorganic Chemistry</i> , 2018, 57, 5438-5448.	4.0	16
11	Transition metal complexes of a versatile polyalkoxy oxazolidine-based ligand derived from <i>in situ</i> cyclization. <i>Dalton Transactions</i> , 2018, 47, 6156-6165.	3.3	13
12	Crystallographic Insights into the Synthesis and Magnetic Properties of Oxoverdazyl Radicals Functionalized by Benzoic Acid. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 517-524.	2.0	10
13	An iron(III)-centred ferric wheel Fe ₆ with a siloxane-based bis-salicylidene Schiff base. <i>Dalton Transactions</i> , 2017, 46, 1789-1793.	3.3	13
14	A Three-Pronged Attack To Investigate the Electronic Structure of a Family of Ferromagnetic Fe ₄ -Ln ₂ Cyclic Coordination Clusters: A Combined Magnetic Susceptibility, High-Field/High-Frequency Electron Paramagnetic Resonance, and ⁵⁷ Fe Mössbauer Study. <i>Inorganic Chemistry</i> , 2017, 56, 4796-4806.	4.0	41
15	Effects of Terminal Substitution and Iron Coordination on Antiproliferative Activity of l-Proline-salicylaldehyde-Thiosemicarbazone Hybrids. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4773-4783.	2.0	6
16	A Bis(μ -chlorido)-bridged Cobalt(II) Complex with Silyl-containing Schiff Base as a Catalyst Precursor in the Solvent-free Oxidation of Cyclohexane. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4324-4332.	2.0	15
17	Twisting induces ferromagnetism in homometallic clusters. <i>Dalton Transactions</i> , 2017, 46, 11154-11158.	3.3	1
18	From Positive to Negative Zero-Field Splitting in a Series of Strongly Magnetically Anisotropic Mononuclear Metal Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 14809-14822.	4.0	42

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19	Vanadium(V) Complexes with Substituted 1,5-bis(2-hydroxybenzaldehyde)carbohydrazones and Their Use As Catalyst Precursors in Oxidation of Cyclohexane. <i>Inorganic Chemistry</i> , 2016, 55, 9187-9203.	4.0	49
20	Structure-activity studies on l-proline- and homoproline-4-N-pyrrolidine-3-thiosemicarbazone hybrids and their nickel(II), palladium(II) and copper(II) complexes. <i>Dalton Transactions</i> , 2016, 45, 13427-13439.	3.3	44
21	Ruthenium Carbonyl Complexes with Azole Heterocycles – Synthesis, X-ray Diffraction Structures, DFT Calculations, Solution Behavior, and Antiproliferative Activity. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1566-1576.	2.0	7
22	Heptanickel(II) double-cubane core in wells-dawson heteropolytungstate, $[\text{Ni}_7(\text{OH})_6(\text{H}_2\text{O})_6(\text{P}_2\text{W}_{15}\text{O}_{56})_2]_{10}$. <i>Chemical Communications</i> , 2016, 52, 2601-2604.	5.1	15
23	Osmium(II)-Nitrosyl Oxalato-Bridged Lanthanide-Centered Pentanuclear Complexes – Synthesis, Crystal Structures and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 1616-1624.	2.0	7
24	A versatile ethanolamine-derived trifluoromethyl enamino ligand for the elaboration of nickel(II) and copper(II)-dysprosium(III) multinuclear complexes with magnetic properties. <i>Journal of Fluorine Chemistry</i> , 2015, 179, 169-174.	1.7	19
25	Homometallic Fe^{III}_4 and Heterometallic $\{\text{Fe}^{\text{III}}_2\text{Ln}^{\text{III}}_2\}$ ($\text{Ln} = \text{Dy}, \text{Tb}$) Complexes – Syntheses, Structures, and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 156-165.	2.0	19
26	Quenching of Fluorescence in Bodipy-Derived Trifluoromethyl Enamino Ligands upon Coordination to Copper(II). <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 6185-6195.	2.0	16
27	Polynuclear Complex Family of Cobalt(II)/Sulfonylcalixarene: One-Pot Synthesis of Cluster Salt $[\text{Co}_{14}\text{II}]^{+}[\text{Co}_4\text{II}]^{-}$ and Field-Induced Slow Magnetic Relaxation in a Six-Coordinate Dinuclear Cobalt(II)/Sulfonylcalixarene Complex. <i>Inorganic Chemistry</i> , 2014, 53, 63-72.	4.0	34
28	Synthesis, magnetism and Mössbauer studies of tetranuclear heterometallic $\{\text{Fe}^{\text{III}}_2\text{Ln}^{\text{III}}_2\}$ ($\text{Ln} = \text{Gd}, \text{Dy}, \text{Tb}$) complexes: evidence of slow relaxation of magnetization in the terbium analogue. <i>Dalton Transactions</i> , 2014, 43, 16366-16376.	3.3	17
29	Di- and tetracarboxylic aromatic acids with silane spacers and their copper complexes: Synthesis, structural characterization and properties evaluation. <i>Journal of Organometallic Chemistry</i> , 2014, 774, 70-78.	1.8	9
30	Tetranuclear Copper(II) Complexes with Macrocyclic and Open-Chain Disiloxane Ligands as Catalyst Precursors for Hydrocarboxylation and Oxidation of Alkanes and 1-Phenylethanol. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 4946-4956.	2.0	35
31	Two Heterometallic Ionic Compounds with Isolated [3d] and [4f] Complex Units: Field-Induced Single-Ion Magnet (SIM) Behavior Observed from a Mononuclear Dysprosium(III) Complex. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 3065-3071.	2.0	11
32	Synthesis and Characterization of Multinuclear Manganese-Containing Tungstosilicates. <i>Inorganic Chemistry</i> , 2014, 53, 5663-5673.	4.0	49
33	Lanthanide Triangles Sandwiched by Tetranuclear Copper Complexes Afford a Family of Hendecanuclear Heterometallic Complexes $[\text{Ln}^{\text{III}}_3\text{Cu}^{\text{II}}_8]$ ($\text{Ln} = \text{La-Lu}$): Synthesis and Magnetostructural Studies. <i>Inorganic Chemistry</i> , 2013, 52, 8723-8731.	4.0	41
34	Evidence of slow relaxation of magnetization in dysprosium-based ionic liquids. <i>Chemical Communications</i> , 2013, 49, 9215.	4.1	20
35	Dicopper(II) and Dizinc(II) Complexes with Nonsymmetric Dinucleating Ligands Based on Indolo[3,2-c]quinolines: Synthesis, Structure, Cytotoxicity, and Intracellular Distribution. <i>Inorganic Chemistry</i> , 2013, 52, 10137-10146.	4.0	22
36	Synthesis, Crystal Structure, and Magnetic Properties of a Bis-Dinuclear Oxo-Bridged Iron(III) Complex with p-sulfonatocalix[4]arene. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2652-2656.	2.0	7

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37	A Top-Down Synthesis Route to Ultrasmall Multifunctional Gd-Based Silica Nanoparticles for Theranostic Applications. <i>Chemistry - A European Journal</i> , 2013, 19, 6122-6136.	3.3	115
38	A new synthetic route towards binuclear 3d-4f complexes, using non-compartmental ligands derived from o-vanillin. Syntheses, crystal structures, magnetic and luminescent properties. <i>New Journal of Chemistry</i> , 2013, 37, 2280.	2.8	29
39	Magnetic anisotropy and exchange coupling in a family of isostructural FeIII2LnIII2 complexes. <i>Dalton Transactions</i> , 2013, 42, 8926.	3.3	53
40	Flexible linkers and dinuclear metallic nodes build up an original metal-organic framework. <i>CrystEngComm</i> , 2013, 15, 5368.	2.6	26
41	Striking Difference in Antiproliferative Activity of Ruthenium- and Osmium-Nitrosyl Complexes with Azole Heterocycles. <i>Inorganic Chemistry</i> , 2013, 52, 6273-6285.	4.0	39
42	Mechanism Elucidation of the cis-trans Isomerization of an Azole Ruthenium-Nitrosyl Complex and Its Osmium Counterpart. <i>Inorganic Chemistry</i> , 2013, 52, 6260-6272.	4.0	26
43	Catalytic binding of iron in task-specific ionic liquids. <i>Chemical Communications</i> , 2013, 49, 1915.	4.1	36
44	Tetranuclear manganese(II) complexes of sulfonylcalix[4]arene macrocycles: synthesis, structure, spectroscopic and magnetic properties. <i>Dalton Transactions</i> , 2012, 41, 2707.	3.3	28
45	Heterometallic CuII/DyIII 1D chiral polymers: chirogenesis and exchange coupling of toroidal moments in trinuclear Dy3 single molecule magnets. <i>Chemical Science</i> , 2012, 3, 1169.	7.4	146
46	Synthesis, structural characterization, magnetic and EPR studies of heterometallic Cu2Cr2 and Cu2Ga2 complexes. <i>Polyhedron</i> , 2012, 45, 238-244.	2.2	5
47	Ferromagnetic heteronuclear {Fe4(Er,Lu)2} cyclic coordination clusters based on ferric wheels. <i>Chemical Communications</i> , 2012, 48, 9825.	4.1	56
48	Versatile Chemical Transformations of Benzoxazole Based Ligands on Complexation with 3d-Metal Ions. <i>Inorganic Chemistry</i> , 2012, 51, 2588-2596.	4.0	11
49	Magnetic ordering of NiII4 Cubane complexes through hydrogen bonds. <i>Comptes Rendus Chimie</i> , 2012, 15, 849-855.	0.5	12
50	Chiral single-molecule magnet with a 35 K energy barrier for relaxation of the magnetization. <i>Comptes Rendus Chimie</i> , 2012, 15, 937-942.	0.5	8
51	l- and d-Proline Thiosemicarbazone Conjugates: Coordination Behavior in Solution and the Effect of Copper(II) Coordination on Their Antiproliferative Activity. <i>Inorganic Chemistry</i> , 2012, 51, 9309-9321.	4.0	64
52	Tetranuclear Homo- and Heterometallic Manganese(III) and Nickel(II) Complexes: Synthesis, Structure, and Magnetic Studies. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 1127-1133.	1.2	9
53	Tailoring antibacteria agents: Sulfonamide-based dinuclear and 1D polymer Cu(II) complexes. <i>Polyhedron</i> , 2012, 37, 27-34.	2.2	15
54	NMR Study of Ligand Exchange and Electron Self-Exchange between Oxo-Centered Trinuclear Clusters [Fe3(μ3-O)(μ4-O)2CR6(4-R2py)3]sup +/0. <i>Inorganic Chemistry</i> , 2011, 50, 10402-10416.		22

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55	Heterometallic 20-membered {Fe ₁₆ Ln ₄ } (Ln = Sm, Eu, Gd, Tb, Dy, Ho) metallo-ring aggregates. Dalton Transactions, 2011, 40, 4080.	3.3	84
56	Benzoxazole-Based Heterometallic Dodecanuclear Complex [Dy ^{III} ₄ Cu ^{II} ₈] with Single-Molecule-Magnet Behavior. Inorganic Chemistry, 2011, 50, 7373-7375.	4.0	58
57	A series of three-dimensional lanthanide MOFs: Observation of reversible structural changes controlled by solvent desorption/adsorption, and magnetic properties. Journal of Molecular Structure, 2011, 1004, 82-87.	3.6	22
58	Size-induced effect upon the Néel temperature of the antiferro/paramagnetic transition in gadolinium oxide nanoparticles. Applied Physics A: Materials Science and Processing, 2011, 105, 215-219.	2.3	19
59	1D Coll and Nill Chiral Polymers That Exhibit Ferromagnetic Interactions. European Journal of Inorganic Chemistry, 2011, 2011, 4869-4877.	2.0	17
60	Inelastic Neutron Scattering on an Mn ₁₀ Supertetrahedron: Assessment of Exchange Coupling Constants, Ferromagnetic Spin Waves and an Analogy to the Häckel Method. Chemistry - A European Journal, 2011, 17, 9094-9106.	3.3	13
61	Ein achtkerniger [Cr ^{III} ₄ Dy ^{III} ₄]â€³â€¼EinzelmolekÃ¼lmagnet. Angewandte Chemie, 2010, 122, 7746-7750.	2.0	25
62	An Octanuclear [Cr ^{III} ₄ Dy ^{III} ₄] 3dâ€“4f Singleâ€Molecule Magnet. Angewandte Chemie - International Edition, 2010, 49, 7583-7587.	13.8	256
63	Heterometallic Cr ₂ /Ag ₂ 1D polymer: Synthesis, structure and properties. Polyhedron, 2010, 29, 2258-2261.	2.2	9
64	Isomerization Mechanisms of Stereolabile <i>tris</i> - and <i>bis</i> -Bidentate Octahedral Cobalt(II) Complexes: X-ray Structure and Variable Temperature and Pressure NMR Kinetic Investigations. Inorganic Chemistry, 2010, 49, 4194-4211.	4.0	18
65	Probing Lanthanide Anisotropy in Feâ€Ln Aggregates by Using Magnetic Susceptibility Measurements and ⁵⁷ Fe Mössbauer Spectroscopy. Chemistry - A European Journal, 2009, 15, 7278-7282.	3.3	95
66	Supramolecular â€œDoubleâ€Propellerâ€Dimers of Hexanuclear Cu ^{II} /Ln ^{III} Complexes: A {Cu ₃ Dy ₃ } ₂ Singleâ€Molecule Magnet. Angewandte Chemie - International Edition, 2009, 48, 1614-1619.	13.8	191
67	Syntheses, structures and magnetic studies of three heterometallic Fe ₂ Ln 1D coordination polymers. Polyhedron, 2009, 28, 1782-1787.	2.2	16
68	Di-, tetra- and hexanuclear iron(III), manganese(II/III) and copper(II) complexes of Schiff-base ligands derived from 6-substituted-2-formylphenols. Dalton Transactions, 2009, , 1721.	3.3	47
69	[Cu(N ₃)(p-CPA)] _n : a two dimensional network exhibiting spin reorientation. CrystEngComm, 2009, 11, 2084.	2.6	17
70	Heterometallic compounds with the binuclear complex anion [Cr ₂ (OH)(Ac)(Nta) ₂] ²⁻ : Synthesis and structure. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2009, 35, 817-823.	1.0	2
71	Ferromagnetic Interaction between Copper and Terbium Ions in Pentanuclear Cluster [Cu ₃ Tb ₂ (ClCH ₂ COO) ₁₂ (H ₂ O) ₈] Â· 2H ₂ O. Applied Magnetic Resonance, 2008, 33, 73-84.	1.2	1
72	Heterometallic M ₂ Cr ₄ (MII = Sr, Pb) Clusters Assembled by Tris(1/4-aqua) Bridges. European Journal of Inorganic Chemistry, 2008, 2008, 1778-1783.	2.0	13

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73	Di- or Trinuclear 3d-4f Schiff Base Complexes: The Role of Anions. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 5235-5244.	2.0	73
74	Structural determinations, magnetic and EPR studies of complexes involving the Cr(OH)2Cr unit. <i>Inorganica Chimica Acta</i> , 2008, 361, 1947-1957.	2.4	23
75	Mechanism of Pyridine-Ligand Exchanges at the Different Labile Sites of 3d Heterometallic and Mixed Valence μ_3 -oxo Trinuclear Clusters. <i>Inorganic Chemistry</i> , 2008, 47, 10587-10599.	4.0	17
76	Synthesis and Structure of Co(III) Complexes with 2-Pyridinecarboxylic Acid. <i>Russian Journal of Inorganic Chemistry</i> , 2008, 53, 202-208.	1.3	5
77	Di- and Triheteronuclear Cu-Gd and Cu-Gd-Cu Complexes with Dissymmetric Double Bridge. <i>Inorganic Chemistry</i> , 2008, 47, 6444-6451.	4.0	34
78	A single molecule magnet (SMM) with a helicate structure. <i>New Journal of Chemistry</i> , 2008, 32, 197-200.	2.8	60
79	Isomerization Mechanisms of a Labile Co(II) Octahedral Complex. <i>Chimia</i> , 2006, 60, 224-227.	0.6	3
80	2D coordination polymers of Nd(III) and Gd(III) with the phenoxyacetate ligand. <i>Inorganica Chimica Acta</i> , 2005, 358, 4437-4442.	2.4	15
81	Evolution of the Structural Parameters and Magnetic Properties in a Series of Di(μ -hydroxy)bis(nitrilotriacetato)dichromium(III) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 929-937.	2.0	26
82	Macrocyclic and Open-Chain CuII-4f (4f = GdIII, CeIII) Complexes with Planar Diamino Chains: Structures and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1530-1537.	2.0	44
83	Synthesis and Structure of 1-D Heterometallic Thiocyanato-Bridged CuIIGdIII Polymers with Ferromagnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1808-1812.	2.0	59
84	Richness of isomerism in labile octahedral Werner-type cobalt(II) complexes demonstrated by ^{19}F NMR spectroscopy: structure and stability. <i>Magnetic Resonance in Chemistry</i> , 2004, 42, 801-806.	1.9	12
85	Synthesis, Structure, and Magnetic Properties of Heterometallic Dicyanamide-Bridged Cu-Na and Cu-Gd One-Dimensional Polymers. <i>Inorganic Chemistry</i> , 2004, 43, 7792-7799.	4.0	145
86	Hetero di- and trinuclear Cu-Gd complexes with trifluoroacetate bridges: synthesis, structural and magnetic studies. <i>Dalton Transactions</i> , 2004, , 1194-1200.	3.3	86
87	Bis-dinuclear (Cu-Gd) ₂ complexes with a probable helicate structure. <i>Dalton Transactions</i> , 2004, , 1739-1742.	3.3	8
88	Synthesis and characterization of new heterodinuclear (4f, 4f ²) lanthanide complexes. <i>Journal of Alloys and Compounds</i> , 2004, 374, 377-381.	5.5	8
89	Exchange interaction and spin dynamics in pentanuclear clusters, Cu ₃ Ln ₂ (ClCH ₂ COO) ₁₂ (H ₂ O) ₈ (Ln = Tj, ET, Qq). <i>Inorganic Chemistry</i> , 2004, 43, 7843-7851.	1.2	12
90	Helical 1D Coordination Polymers - Structure and Magnetic Properties of		

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91	Geometric Isomers of Cobalt(II) and Cobalt(III) Picolinate in Solution. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2001, 27, 722-725.	1.0	1