

# Elena A Ugolkova

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structure and Properties of Polycrystalline TiO <sub>2</sub> -Doped with Chromium Ions Studied by EPR and Optical Methods. <i>Applied Magnetic Resonance</i> , 2022, 53, 717-730.	0.6	1
2	Copper(II) and Cobalt(II) Carboxylates Containing the 1,3,4-Oxadiazole Fragment: Structures and Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2022, 48, 75-83.	0.3	2
3	Chemical stability of 1-substituted 2-aldimine- and 2-azobenzimidazoles under copper-promoted autoxidation. <i>Inorganica Chimica Acta</i> , 2022, 539, 121038.	1.2	2
4	Phase diagram of a model melt of bent-core molecules. <i>Liquid Crystals</i> , 2021, 48, 441-461.	0.9	1
5	Effect of the Alkaline Metal Ion on the Crystal Structure and Magnetic Properties of Heterometallic GdIII-VIV Complexes Based on Cyclobutane-1,1-Dicarboxylate Anions. <i>Magnetochemistry</i> , 2021, 7, 82.	1.0	3
6	Structures of Copper(II) N-tert-Butylbenzoyl and N-Phenylpivaloyl Hydroxamates in the Crystalline State and in a Frozen Solution. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021, 47, 376-381.	0.3	3
7	Cerium(IV) fluoride complexes in solutions. <i>Journal of Fluorine Chemistry</i> , 2021, 251, 109897.	0.9	3
8	Peculiarities of high-pressure hydrogen adsorption on Pt catalyzed Cu-BTC metal-organic framework. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 4277-4286.	1.3	5
9	Trimethylacetate-bridged mixed-valence binuclear vanadium(IV,V) complexes with a {(VO) <sub>2</sub> (μ <sub>4</sub> -O)} <sup>3+</sup> core. <i>Polyhedron</i> , 2020, 175, 114212.	1.0	3
10	Barium(II)-Chromium(III) Coordination Polymers Based on Dimethylmalonate Anions: Synthesis, Crystal Structure, Magnetic Properties, and EPR Spectra. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 4116-4126.	1.0	5
11	Copper(II) Trimethylacetate Complex with Caffeine: Synthesis, Structure, and Biological Activity. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020, 46, 772-778.	0.3	18
12	Tetra-(benzo-24-crown-8)-phthalocyanines as a platform for supramolecular ensembles: Synthesis and interaction with viologen. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 1083-1092.	0.4	0
13	A new heterometallic pivalate {Fe <sub>8</sub> Cd} complex as an example of unusual "ferric wheel" molecular self-assembly. <i>Dalton Transactions</i> , 2020, 49, 15175-15179.	1.6	6
14	5,8-Disubstituted crown-naphthalonitriles as a platform for highly soluble naphthalocyanines. <i>Dyes and Pigments</i> , 2020, 180, 108484.	2.0	5
15	Structures, magnetic properties, and EPR studies of tetranuclear copper(II) complexes [Cu <sub>4</sub> (OH) <sub>4</sub> L <sub>4</sub> ] <sup>4+</sup> (L = Abpa, bipy) stabilized by anions containing decahydro-closo-decaborate anion. <i>Polyhedron</i> , 2020, 183, 114540.	1.0	10
16	Unusual Formation of the Paramagnetic Complex (μ <sub>4</sub> -C <sub>4</sub> Me <sub>4</sub> )CoI <sub>2</sub> (PhTel) and Specific Features of Its Electronic, Molecular, and Crystal Structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020, 46, 850-856.	0.3	3
17	Spacer-Armed Copper(II) Complex Based on Bis(2-pyridyl-1,2,4-triazol-3-yl)butane and 1-Aminoethane-1,1-Diphosphonic Acid. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019, 45, 795-798.	0.3	0
18	The helicoidal modulated nematic phases in a model system of V-shaped molecules. <i>International Journal of Modern Physics B</i> , 2019, 33, 1950079.	1.0	4

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19	Atmospheric Oxygen Influence on the Chemical Transformations of 4,5-Dimethyl-1,2-Phenylenediamine in the Reactions with Copper(II) Pivalate. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2019, 45, 273-287.	0.3	24
20	Copper(II) self-assembled clusters of bis((pyridin-2-yl)-1,2,4-triazol-3-yl)alkanes. Unusual rearrangement of ligands under reaction conditions. Dalton Transactions, 2019, 48, 3052-3060.	1.6	8
21	Synthesis, Characteristics, and EPR Study of Mn(II) and Cu(II) Chelates with a Product of Condensation of 2-(7-Bromo-2-oxo-5-phenyl-3H-1,4-benzodiazepin-1-yl)acetohydrazide and 2,3-Dioxindole. Russian Journal of Inorganic Chemistry, 2019, 64, 1432-1435.	0.3	1
22	Synthesis, Structure, and Properties of Copper(II) Bromide Complexes with N-Disubstituted Thiocarbamoyl-N'-cyclohexylsulfenamides. Russian Journal of Inorganic Chemistry, 2019, 64, 1424-1431.	0.3	0
23	CeF <sub>4</sub> Complexes in Organic Solvents. Doklady Physical Chemistry, 2019, 488, 120-124.	0.2	4
24	Synthesis, structure, and physicochemical properties of triply-bridged binuclear copper(II) complex [Cu <sub>2</sub> Phen <sub>2</sub> (μ-CH <sub>3</sub> CO <sub>2</sub> ) <sub>2</sub> (μ-OH)] <sub>2</sub> [B <sub>10</sub> Cl <sub>10</sub> ]. Inorganica Chimica Acta, 2019, 487, 208-213.	1.2	16
25	Radical indicator reaction for determination of 1,1-dimethylhydrazine. Talanta, 2019, 195, 599-603.	2.9	2
26	Redox processes in the Cu/(phen)/[B <sub>12</sub> H <sub>12</sub> ] <sup>2-</sup> /solv system: Selective preparation of copper(I), copper(II), and heterovalent copper(I/II) compounds. Inorganica Chimica Acta, 2018, 477, 284-291.	1.2	14
27	Paramagnetic Pd <sup>+</sup> centers in the polymeric matrices of palladium(I) sorbates and 4-pentenatate. Mendeleev Communications, 2018, 28, 632-634.	0.6	3
28	A Study of Cu(II) Complexes with Pyruvic Acid Nicotinoyl and Isonicotinoyl Hydrazones by EPR and X-ray Absorption Spectroscopy. Russian Journal of Inorganic Chemistry, 2018, 63, 1472-1477.	0.3	2
29	Binding Features of {M(3d)(cbdc) <sub>2</sub> } Blocks (M(3d)=V <sup>IV</sup> , Cu <sup>II</sup> ); Tj ETQq1 1 0.784314 rgBT /O... Structures with d-Metal Cations. ChemistrySelect, 2018, 3, 13765-13772.	0.7	7
30	The First Series of Heterometallic Ln <sup>III</sup> –V <sup>IV</sup> Complexes Based on Substituted Malonic Acid Anions: Synthesis, Structure and Magnetic Properties. European Journal of Inorganic Chemistry, 2018, 2018, 5075-5090.	1.0	14
31	Chemical and electrochemical synthesis, structure and magnetic properties of mono- and binuclear 3d-metal complexes of N-[2-[(hydroxyalkylimino)methyl]phenyl]-4-methylbenzenesulfonamides. Polyhedron, 2018, 154, 123-131.	1.0	13
32	Structure and magnetic properties of trinuclear copper(II) complex [Cu <sub>3</sub> (bipy) <sub>6</sub> (μ <sub>3</sub> -CO <sub>3</sub> )] <sub>2</sub> [B <sub>12</sub> H <sub>12</sub> ] <sub>2</sub> ·4.5DMF·2H <sub>2</sub> O. Inorganica Chimica Acta, 2018, 479, 249-253.	1.2	20
33	Interaction of Octopus-like Cobalt(II) Phthalocyaninate with Fullerene C <sub>70</sub> Studied by ESR Spectroscopy. Macroheterocycles, 2018, 11, 390-395.	0.9	2
34	Products of complexation in the Cu(CH <sub>3</sub> CO <sub>2</sub> ) <sub>2</sub> ·2[2-(7-bromo-2-oxo-5-phenyl-3H-1,4-benzodiazepin-1-yl)acetohydrazide]·salicylaldehyde·isopropanol system. Russian Journal of Inorganic Chemistry, 2017, 62, 191-196.	0.3	1
35	Copper(II), nickel(II), and zinc(II) complexes with o-tozylaminobenzaldehyde 4,6-dimethylpyrimidyl hydrazone. Russian Journal of Inorganic Chemistry, 2017, 62, 893-899.	0.3	4
36	New heterometallic pivalates with Fe III and Zn II ions: Synthesis, structures, magnetic, thermal properties. Polyhedron, 2017, 137, 165-175.	1.0	21

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37	Supramolecular Maleate Adducts of Copper(II) 12-Metallacrown-4: Magnetism, EPR, and Alcohol Sorption Properties. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4866-4878.	1.0	13
38	New binuclear copper(II) complexes [Cu <sub>2</sub> (L) <sub>4</sub> (1/4-CO <sub>3</sub> )] [B <sub>12</sub> H <sub>12</sub> ] (L = bipy, phen): Synthesis, structure, and magnetic properties. <i>Doklady Chemistry</i> , 2017, 474, 137-140.	0.2	7
39	Synthesis, crystal structure and spin exchange coupling in polynuclear carboxylates with {Li <sub>2</sub> (VO) <sub>2</sub> } metal core. <i>Polyhedron</i> , 2017, 137, 246-255.	1.0	12
40	EPR spectral study of copper(II) chelates with hetarylhydrazones of glyoxylic acid. <i>Russian Journal of Inorganic Chemistry</i> , 2017, 62, 822-826.	0.3	0
41	Phase behavior of the thermotropic melt of asymmetric V-shaped molecules. <i>Physical Review E</i> , 2017, 95, 042703.	0.8	4
42	Chemical Design of Heterometallic Coordination Polymers Based on {Cu(Me <sub>2</sub> mal) <sub>2</sub> } Fragment. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 547-562.	1.0	18
43	The Landau-de Gennes free energy expansion of a melt of V-shaped polymer molecules. <i>Journal of Chemical Physics</i> , 2016, 145, 084908.	1.2	7
44	Charge transfer adducts of rare earth 3,5-dinitrobenzoates with N,N,N',N'-tetramethyl-p-phenylenediamine. <i>Inorganica Chimica Acta</i> , 2016, 442, 86-96.	1.2	2
45	Thermal stability and products of decomposition of molybdenum(IV) complex with isopropylhydroxylamine [MoO <sub>2</sub> (i-C <sub>3</sub> H <sub>7</sub> NHO) <sub>2</sub> ]. <i>Russian Journal of Inorganic Chemistry</i> , 2016, 61, 750-754.	0.3	3
46	Copper(II) coordination compounds with 2-(7-bromo-2-oxo-5-phenyl-3H-1,4-benzdiazepin-1-yl)acetohydrazide and products of its condensation with pyruvic acid. <i>Russian Journal of Inorganic Chemistry</i> , 2016, 61, 38-42.	0.3	8
47	New aerogels chemically modified with amino complexes of bivalent copper. <i>Russian Journal of Inorganic Chemistry</i> , 2015, 60, 1459-1463.	0.3	4
48	Influence of ligand structure on the dimerization of copper(II) N-substituted hydroxamates according to EPR data. <i>Russian Journal of Inorganic Chemistry</i> , 2015, 60, 1556-1559.	0.3	0
49	Structure of N-substituted copper(II) hydroxamates in crystalline state and frozen solution. <i>Russian Journal of Inorganic Chemistry</i> , 2015, 60, 866-870.	0.3	4
50	Synthesis and characterization of Mn(II) coordination compounds with 2-(7-bromo-2-oxo-5-phenyl-3H-1,4-benzdiazepin-1-yl)acetohydrazide and its condensation product with pyruvic acid. <i>Russian Journal of Inorganic Chemistry</i> , 2015, 60, 51-54.	0.3	7
51	Vanadium (IV), (V) coordination compounds with 8-hydroxyquinoline derivative: Synthesis, structure and catalytic activity in the polymerization of ethylene. <i>Journal of Organometallic Chemistry</i> , 2015, 798, 393-400.	0.8	12
52	Structural, EPR spectroscopic, and magnetochemical study of hydrogen-bonded dimeric copper(II) complexes with hetaryl hydrazones. <i>Russian Journal of Inorganic Chemistry</i> , 2015, 60, 1129-1136.	0.3	7
53	1,1-Cyclohexanediacetate as New Bridging Ligand for Assembling of Homo- and Heterometallic Molecular Complexes with Cu <sup>3+</sup> , Cu <sup>2+</sup> , Ln <sup>3+</sup> (Ln = Sm or Gd) and Ni <sup>2+</sup> , Gd <sup>3+</sup> Cores: Synthesis, Structure and Magnetic Properties. <i>Journal of Cluster Science</i> , 2015, 26, 137-155.	1.7	15
54	Gadolinium(III) complexation with modified polymers according to ESR data. <i>Russian Journal of Inorganic Chemistry</i> , 2014, 59, 1485-1490.	0.3	3

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55	Structure copper(II) complexes with N-methylacetohydroxamic acid in crystal and solution. Russian Journal of Inorganic Chemistry, 2014, 59, 1480-1484.	0.3	4
56	Structures and magnetic properties of new trinuclear Coll, Nill, and Cull complexes with trimethylacetate and 1,1-cyclohexanediacetate. Russian Chemical Bulletin, 2014, 63, 1301-1307.	0.4	4
57	Magnetically active coordination polymers containing VO <sub>2</sub> <sup>+</sup> and Na <sup>+</sup> cations linked by substituted malonic acid anions. Russian Chemical Bulletin, 2014, 63, 1475-1486.	0.4	9
58	Self-assembly and decay of Mn(II) pivalate-phosphonate complexes. New Journal of Chemistry, 2014, 38, 1587.	1.4	5
59	Binuclear copper(II) complexes of functionalized 1,2,4-triazoles: Synthesis, structure, and magnetic properties. Russian Journal of Inorganic Chemistry, 2014, 59, 699-705.	0.3	3
60	Osmium dimethyl sulfoxide complexes: Synthesis and properties of [H(dmsO) <sub>2</sub> ][OsIII(dmsO) <sub>2</sub> Br <sub>4</sub> ]. Russian Journal of Inorganic Chemistry, 2014, 59, 678-682.	0.3	3
61	ESR spectroscopy of FeIII ions in sodium silicate glasses. Russian Chemical Bulletin, 2014, 63, 60-63.	0.4	4
62	Crystal structure and magnetic properties of a new heterometallic complex of Pd(II)-Cu(II) with 1-aminoethylidene-1,1-diphosphonic acid. Journal of Structural Chemistry, 2013, 54, 315-320.	0.3	2
63	Multifrequency EPR and DENR of polyacetylene composite. Russian Journal of Inorganic Chemistry, 2013, 58, 183-185.	0.3	1
64	Dimerization of the copper(II) N-methylbenzoylhydroxamic acid complex in toluene according to EPR data. Russian Journal of Inorganic Chemistry, 2013, 58, 186-188.	0.3	7
65	Synthesis, structure, and ESR spectra of the new heteronuclear complex {Li <sub>4</sub> (VO) <sub>2</sub> [(OOC)C(H)Bu] <sub>4</sub> (H <sub>2</sub> O) <sub>8</sub> }·H <sub>2</sub> O. Russian Chemical Bulletin, 2013, 62, 962-965.	0.4	15
66	anti-syn and anti-anti coordination of the bridging CO <sub>3</sub> <sup>2-</sup> group in [Cu <sub>2</sub> (Phen) <sub>4</sub> (1/4-CO <sub>3</sub> )]B <sub>10</sub> H <sub>10</sub> binuclear complexes: Synthesis, structure, and magnetic properties. Russian Journal of Inorganic Chemistry, 2013, 58, 1527-1535.	0.3	20
67	Composition and structure of rhenium(VI) complexes as found by EPR and laser mass spectrometry. Russian Journal of Inorganic Chemistry, 2013, 58, 940-944.	0.3	9
68	Polymeric copper(II) complexes with 4-formyl-3-methyl-1-phenylpyrazol-5-one hetarylhydrazones: Synthesis and crystal structures. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2013, 39, 849-856.	0.3	7
69	Surface tension model for surfactant solutions at the critical micelle concentration. Journal of Colloid and Interface Science, 2013, 393, 151-160.	5.0	65
70	Phase separation in polydisperse rod-coil block copolymers. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 6214-6231.	1.2	4
71	Coordination and RedOx ratio of iron in sodium silicate glasses. Journal of Non-Crystalline Solids, 2012, 358, 3089-3095.	1.5	33
72	Polymeric heterometallic CuII dimethylmalonate complexes with potassium and cadmium ions. Russian Chemical Bulletin, 2012, 61, 1419-1425.	0.4	15

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73	Unusual structure of new dimethylmalonate coordination polymer with strontium atoms and VO <sub>2</sub> <sup>+</sup> fragments. Russian Chemical Bulletin, 2012, 61, 1426-1429.	0.4	12
74	Novel oxovanadium(IV) heterochelate complexes: synthesis, structure, ESR spectra, and photoluminescence properties. Russian Chemical Bulletin, 2012, 61, 1084-1092.	0.4	6
75	New sulfate-bridged dinuclear oxidovanadium complexes. Inorganica Chimica Acta, 2012, 392, 192-198.	1.2	16
76	Synthesis, structure, and complexing ability of hetarylhydrazones of glyoxylic acid. Russian Journal of General Chemistry, 2011, 81, 1691-1698.	0.3	8
77	Formation of polynuclear architectures with copper atoms and 1,1-cyclohexanediacetate anions. Russian Chemical Bulletin, 2010, 59, 1186-1191.	0.4	9
78	Cluster ferromagnetism in Mn-doped InSb. Inorganic Materials, 2008, 44, 1041-1046.	0.2	24
79	Ferromagnetism in dilute magnetic semiconductors and new materials for spintronics. Journal of Magnetism and Magnetic Materials, 2006, 300, e32-e36.	1.0	8
80	Band structure, insulator-metal transition and superconducting characteristics of two-dimensional BEDT-TTF-based systems. Physica B: Condensed Matter, 1999, 265, 170-175.	1.3	1
81	Electronic structure and superconductivity of $\hat{\Gamma}^2$ -(BEDT-TTF) <sub>2</sub> X salts. Journal of Experimental and Theoretical Physics, 1998, 86, 395-404.	0.2	4
82	Electronic structure, insulator-metal transition and superconductivity in $\hat{\Gamma}^2$ -ET <sub>2</sub> X salts. Advanced Materials for Optics and Electronics, 1998, 8, 53-60.	0.6	0
83	Metallic, insulating and superconducting states in $\hat{\Gamma}^2$ -ET <sub>2</sub> X systems, where ET is the BEDT-TTF (bis(ethylenedithio)tetrathiafulvalene) molecule. , 1998, , .		0
84	Effects of the Fermi surface topology in $\hat{\Gamma}^2$ -ET <sub>2</sub> X materials. , 1998, , 155-158.		0
85	Itinerant Electrons and Superconductivity in Exotic Layered Systems. , 1998, , 391-432.		0
86	Electronic structure of $\hat{\Gamma}^2$ -ET <sub>2</sub> X salts, where $\hat{\Gamma}^2$ -ET is bis(ethylenedithio) tetrathiafulvalene (BEDT-TTF) molecule. Physica C: Superconductivity and Its Applications, 1997, 275, 26-36.	0.6	13
87	The peculiarities of the electron spectrum of two-dimensional nanostructures. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1925-1926.	0.6	0
88	Optical absorption for the integrable chain of electrons coupled with phonons. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1723-1724.	0.6	0
89	Electronic structure and superconductivity in $\hat{\Gamma}^2$ -(BEDT-TTF) <sub>2</sub> X salts. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1905-1906.	0.6	0
90	Superconductivity of strongly correlated electrons with Kondo interaction. Physica C: Superconductivity and Its Applications, 1994, 235-240, 2271-2272.	0.6	0

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91	Kondo interaction and strongly correlated electrons. Theoretical and Mathematical Physics(Russian) Tj ETQq1 1 0.784314 rgBT /Overl 0.3	1.7	6
92	Solvation of ion pairs with poly(ethylene oxide). Polymer Bulletin, 1984, 12, 181.	1.7	6