Olga V Kovalchukova

List of Publications by Year
in descending order

62	251	1163065 8	1199563 12
papers	citations	h-index	g-index

65	65	65	250
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Removing bromophenol blue from the aqueous environment by TixNiyLamOz photocatalyst under different conditions. Environmental Technology and Innovation, 2022, 26, 102385.	6.1	3
2	ÐÐ¾Ð²Ñ‹Ðµ Ð°Ð·Ð¾ÑÐ¾ÐµÐ´Ð¸Ð½ÐµÐ½Ð¸Ñ•Ð½Ð° Ð¾ÑÐ½Ð¾Ð²Ðµ 2-Ñ†Ð¸Ð°Ð½Ð¾Ð¼ÐµÑ‚Ð¸Ð»Ð¸Ð¼Ð¸Ð´Ð°Ð·Ð¾Ð»	0	
3	Novel Products of Nitrosation of a Series of Trihydroxybenzene Derivatives and Their Complexation with Cu(II), Cd(II) and Fe(III): Synthesis, Characterization, and Theoretical Modeling. ChemistrySelect, 2021, 6, 3461-3467.	1.5	2
4	Investigation an environmentally friendly method under magnetic field as a green solvent for the synthesis of brookite phase nanoparticles at room temperature. Journal of Materials Science: Materials in Electronics, 2021, 32, 12535-12546.	2.2	0
5	Schiff bases-titanium (III) & (IV) complex compounds: Novel photocatalysts in Buchwald-Hartwig Câ€“N cross-coupling reaction. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 417, 113346.	3.9	7
6	A composite of 2-aminoterephthalic acid coupled with TiF3@TiO2/polyvinyl alcohol with enhanced visible-light photocatalytic reactivity; Investigation of the photocatalytic mechanism. Journal of Materials Research and Technology, 2021, 15, 7158-7158.	5.8	1
7	Synthesis, characterization, and sorption activity of novel azo-colorants derived from phloroglucinol and antipyrine and their metal complexes. RSC Advances, 2021, 12, 888-898.	3.6	1
8	Titania nanotubes (TNTs) prepared through the complex compound of gallic acid with titanium; examining photocatalytic degradation of the obtained TNTs. Arabian Journal of Chemistry, 2020, 13, 7274-7288.	4.9	4
9	Structural and theoretical study of (4E,5Z)â€4,5â€dibenzylideneâ€1,2,3,6,7,8â€hexahydroacridine. ChemistrySelect, 2020, 5, 13487-13491.	1.5	0
10	Removing organic harmful compounds from the polluted water by a novel synthesized cobalt(II) and titanium(IV) containing photocatalyst under visible light. Environmental Nanotechnology, Monitoring and Management, 2020, 14, 100304.	2.9	3
11	Novel Cu(II), Ni(II), Zn(II), Cd(II), and Mg(II) complexes with a series of 2-arylhydrazono-1,3-dicarbonyl compounds. Synthesis, structure and spectroscopic characteristics. Polyhedron, 2020, 184, 114557.	2.2	5
12	<i>Thladiantha</i> Seed Oils - New Source of Conjugated Fatty Acids: Characterization of Triacylglycerols and Fatty Acids. Journal of Oleo Science, 2020, 69, 993-1000.	1.4	5
13	Computational, Structural and Spectroscopic Investigations of Two Polymorphs of 5,7â€Dinitroâ€8â€(Nâ€phenylamino)Quinoline. ChemistrySelect, 2019, 4, 13115-13122.	1.5	0
14	Thermal decomposition of bimetallic titanium complexes: A new method for synthesizing doped titanium nano-sized catalysts and photocatalytic application. Materials Science and Engineering C, 2019, 97, 813-826.	7.3	12
15	Ti (IV) complexes with some diphenols as precursors for TiO2 nano-sized catalysts. Journal of Organometallic Chemistry, 2018, 859, 80-91.	1.8	13
16	Specific Features of the Molecular Structure of A New 3-(Benzo[d]Oxazole-2-Yl)-1-(2-(1,3,3-Trimethylindoline-2-Ylidene) Ethylidene)Naphthalene-2(1H)-One Zinc Chloride Complex. Journal of Structural Chemistry, 2018, 59, 425-428.	1.0	0
17	Tautomeric transformations and electronic structures of azopyrazolone dyes and their metal complexes. Reviews in Inorganic Chemistry, 2018, 38, 87-101.	4.1	3
18	Spectral study of the reactions of dimethyl sulfoxide with the nitrite complexes of Co-porphyrins. Russian Chemical Bulletin, 2018, 67, 1241-1246.	1.5	0

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19	Doped rare and transition metal perovskite-type titanate nanoparticles: A new method for developing synthesizing and photocatalytic ability. Journal of Molecular Liquids, 2018, 268, 882-894.	4.9	12
20	Coordination Compounds of Bivalent Metals with (Z)-4-(2-Hydroxy-5-nitrophenyl)hydrazono-3-methyl-1-phenyl-1H-pyrazol-5(4H)-one: Crystal and Molecular Structure of C16H13N5O4. Russian Journal of Inorganic Chemistry, 2018, 63, 874-880.	1.3	2
21	The Spectroscopic and theoretical investigations of complex formation of (3E,3'E)-7,7'-(carbonylbis(azanediyl))bis(3-(2-(2-hydroxyphenyl)hydrazono)-4-oxo-3,4-dihydronaphthalene-2-sulfonic	0.1	0
22	An unusual coordination of a 4-azopyrazol-5-one heterocyclic derivative with metals. Synthesis, X-ray studies, spectroscopic characteristics, and theoretical modeling. Inorganica Chimica Acta, 2017, 466, 266-273.	2.4	2
23	Accurate investigation to determine the best conditions for using NiTiO3 for bromophenol blue degradation in the environment under UVâ€“vis light based on concentration reduction and to compare it with TiO2. Environmental Nanotechnology, Monitoring and Management, 2017, 8, 244-253.	2.9	10
24	Novel synthesis method for photo-catalytic system based on some 3d-metal titanates. Journal of Materials Science: Materials in Electronics, 2017, 28, 18207-18219.	2.2	12
25	Synthesis and characterization of a series of novel metal complexes of N-heterocyclic azo-colorants derived from 4-azo-pyrazol-5-one. Polyhedron, 2017, 121, 41-52.	2.2	25
26	Synthesis, Crystal, Molecular Structure and Theoretical Modeling of [Fe(H2O)6]L2Â·2H2O and [Cr0.14Mn0.86(H2O)6]L2Â·2H2O (L = 4-Nitro-2,5,6-trioxo-1,2,5,6-tetrahydropyridin-3-olate anion). Asian Journal of Chemistry, 2016, 28, 825-829.	0.3	0
27	Coordination Chemistry of Alkyl- and Aryl-Substituted N-Nitrosohydroxylamine Compounds. Asian Journal of Chemistry, 2016, 28, 1873-1890.	0.3	2
28	Novel Metal Complexes of Bispyrazole Azo Dyes for Chemical Fibers. Fibre Chemistry, 2016, 47, 497-500.	0.2	2
29	Complexes of some divalent metals with alcoxy-NNO-azoxy compounds: Crystal and molecular structures of Ð¡5H12N4O6. Russian Journal of Inorganic Chemistry, 2016, 61, 712-717.	1.3	0
30	Complexes of some tervalent metals with N-alkyl(benzyl)nitrozohydroxylamine derivatives. Russian Journal of Inorganic Chemistry, 2016, 61, 718-725.	1.3	1
31	Experimental and Theoretical Investigations of Complex Formation of Substituted Phenylazo-Derivatives of Methylphloroglucinol. Journal of Advances in Chemistry, 2016, 12, 295-300.	0.1	0
32	Complexes of d metals with 4-(2-(1,5-dimethyl-3-oxo-2-phenylpyrazolidinyl)hydrazono)-3-methyl-1-phenylpyrazol-5-one. Crystal and molecular structure of C21H20N6O2. Russian Journal of Inorganic Chemistry, 2015, 60, 55-62.	1.3	7
33	Crystal structure of poly[Î¼2-aqua-aqua(Î¼2-4-nitro-2,5,6-trioxo-1,2,5,6-tetrahydropyridin-3-olato)hemi-Î¼4-oxalato-barium(II)]. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 459-462.	0.5	2
34	Crystal structure of chlorido{1-(2,3-dimethyl-5-oxido-1-phenyl-1H-pyrazol-2-ium-4-yl-Î²O)-2-[3-methyl-5-oxo-1-phenyl-4,5-dihydro-1H-pyra from laboratory X-ray powder data. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 124-127.	0.5	6
35	Copper(II) alkyl- and benzylnitrosohy-droxylaminates as precursors for the synthesis of copper(i) oxide micro- and nanoparticles of various morphologies. Inorganic Materials, 2014, 50, 1093-1098.	0.8	2
36	Diaquabis[N-(2-fluorobenzyl)-N-nitrosohydroxylaminato-Î²²O,Oâ€²]nickel(II) Acta Crystallographica Section E: Structure Reports Online, 2014, 70, m98-m99.	0.2	1

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37	Bis(N-nitroso-N-pentylhydroxylaminato-Î²2O,Oâ€²)copper(II). Acta Crystallographica Section E: Structure Reports Online, 2014, 70, m137-m138.	0.2	0
38	Crystal and molecular structures of selected oxidative nitration products of aminopyrazine and 2-amino-3-hydroxypyridine. Crystallography Reports, 2014, 59, 60-65.	0.6	3
39	Coordination chemistry of polyoxo-carbocyclic compounds containing one or more neighboring oxo-groups. Reviews in Inorganic Chemistry, 2014, 34, 1-24.	4.1	8
40	Synthesis, spectral and crystallographic studies of coordination compounds of some d and f metals with N-nitrozo-N-(methyl)ethylhydroxylamine. Russian Journal of Inorganic Chemistry, 2014, 59, 192-195.	1.3	7
41	Synthesis and studies of complex compounds of carboxyl-derivatives of methylphloroglucinol with metals. Journal of Advances in Chemistry, 2014, 10, 2162-2168.	0.1	2
42	Coordination compounds of some d metals with nitrophenylhydrazone oxopyridine (pyrimidine) derivatives: Crystal and molecular structure of C10H9N5O6. Russian Journal of Inorganic Chemistry, 2013, 58, 395-399.	1.3	0
43	Hexaaquacobalt(II) and hexaaquacadmium(II) 4-nitro-2,3,5,6-tetraoxopyridinates [M(H2O)6](C5HN2O6)2 Â· 2H2O (M = Co and Cd): Synthesis, structures, and properties. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2013, 39, 234-238.	1.0	3
44	Crystal and molecular structures of 3-amino-4-hydroxy benzenesulfonamide and its hydrochloride: Quantum-chemical study of their tautomerism. Crystallography Reports, 2013, 58, 247-252.	0.6	1
45	Electron density, electrostatic potential, and spatial organization of ammonium hydrooxalate oxalic acid dihydrate heteromolecular crystal from data of diffraction experiment at 15 K using synchrotron radiation and theoretical calculations. Russian Chemical Bulletin, 2013, 62, 1752-1763.	1.5	10
46	catena-Poly[ammonium [aquabis(Î¼-2,3,5,6-tetraoxo-4-nitropyridin-4-ido)argentate(I)]]. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m477-m478.	0.2	4
47	Synthesis, characterization, spectroscopic and crystallographic investigation of metal complexes of N-benzyl-N-nitrosohydroxylamine. Open Journal of Inorganic Chemistry, 2013, 03, 1-6.	0.7	6
48	Hexaaquabis[3,5-bis(hydroxyimino)-1-methyl-2,4,6-trioxocyclohexanido-Î²2N3,O4]barium tetrahydrate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m602-m603.	0.2	1
49	Copper(II), iron(III), and chromium(III) complexes with 5,10-dioxo-4,5,9,10-tetrahydro-4,9-diazapyrene derivatives. Russian Journal of Inorganic Chemistry, 2010, 55, 709-713.	1.3	0
50	Synthesis and the crystal and molecular structures of (H3 L Â· Cl)[CoCl4] and H2 L[CuBr4] (L is) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	0.6	3
51	Complex compounds of a series of d metals with rubazinic acid (HRub). Crystal and molecular structure of [Co(H2O)6](NO3)2 Â· 2HRub. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2010, 36, 751-756.	1.0	1
52	Synthesis and the crystal and molecular structures of 4-(piperidyl-1)-2-phenylpyrido[2,3-a]anthraquinone-7,12 Mono- and dibromohydrates (HL)Br Â· 3H2O and (H2 L)Br2 Â· 3H2O. Crystallography Reports, 2009, 54, 68-73.	0.6	3
53	Complexation of 2,3-dihydroxyquinaline with some bivalent d metals. Crystal and molecular structures of 2,3-dihydroxyquinoline. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 775-779.	1.0	3
54	Synthesis, structure, geometrical, and spectral characteristics of the (HL n)2[CuCl4] complexes. Crystal and molecular structure of bis(2-methylimidazolium) tetrachlorocuprate(II). Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 830-835.	1.0	7

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55	Interaction of copper(II) halides with 4-(piperidyl-1)-2-phenylpyrido[2,3-a]anthraquinone-7,12 (L) in acidic media: Crystal structure and spectral characteristics of (HL)2[Cu2Cl6] and (HL)[CuBr2]. Crystallography Reports, 2008, 53, 451-454.	0.6	7
56	Synthesis, spectral characteristics, and the crystal and molecular structures of 2,3-dimethyl-1-phenyl-4-(N-phthalimido)pyrazolone-5. Crystallography Reports, 2008, 53, 998-1002.	0.6	1
57	Interaction of copper(II) halides with 4-azafluorene derivatives in neutral and acid media. Crystal and molecular structure of 4-aza-9-oxofluorenium tetrabromocuprate hydrate (HL4)2CuB4 Â· H2O. Russian Journal of Inorganic Chemistry, 2007, 52, 733-741.	1.3	5
58	Synthesis and physicochemical properties of the d metal complexes with 2-phenyl-4-(piperidyl-1)-pyrido[2,3-a]anthraquinone. The molecular and crystal structures of 2-phenyl-4-(piperidyl-1)-pyrido[2,3-a]anthraquinonium-7,12 tetranitrozincate. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2007, 33, 850-856.	1.0	2
59	Synthesis and Physicochemical Properties of d- and f-Metal Complexes with Alloxan. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2004, 30, 38-42.	1.0	11
60	Complexes of 2,3-Dihydroxypyridine with Bivalent Metals. Crystal Structure of 2,3-Dihydroxypyridine. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2003, 29, 291-296.	1.0	8
61	Complexes of d and f Metals with 2-Methyl-3-hydroxy(amino)pyrido[1,2-a]pyrimidine-4-one. Crystal Structure of 2-Methyl-3-hydroxypyrido[1,2-a]pyrimidine-4-one. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2003, 29, 880-885.	1.0	3
62	Title is missing!. Doklady Physical Chemistry, 2002, 386, 251-254.	0.9	3