

# Olga V Kovalchukova

## List of Publications by Year in descending order

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62  
papers

251  
citations

1305906

8  
h-index

1336881

12  
g-index

65  
all docs

65  
docs citations

65  
times ranked

271  
citing authors

#	ARTICLE	IF	CITATIONS
1	Removing bromophenol blue from the aqueous environment by $Ti_xNi_yLa_mO_z$ photocatalyst under different conditions. <i>Environmental Technology and Innovation</i> , 2022, 26, 102385.	3.0	3
2	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. <i>ChemistrySelect</i> , 2021, 6, 3461-3467.	0.7	2
3	Investigation an environmentally friendly method under magnetic field as a green solvent for the synthesis of brookite phase nanoparticles at room temperature. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 12535-12546.	1.1	0
4	Schiff bases-titanium (III) & (IV) complex compounds: Novel photocatalysts in Buchwald-Hartwig C-C cross-coupling reaction. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 417, 113346.	2.0	7
5	A composite of 2-aminoterephthalic acid coupled with $TiF_3@TiO_2$ /polyvinyl alcohol with enhanced visible-light photocatalytic reactivity; Investigation of the photocatalytic mechanism. <i>Journal of Materials Research and Technology</i> , 2021, 15, 7158-7158.	2.6	1
6	Synthesis, characterization, and sorption activity of novel azo-colorants derived from phloroglucinol and antipyrine and their metal complexes. <i>RSC Advances</i> , 2021, 12, 888-898.	1.7	1
7	Titania nanotubes (TNTs) prepared through the complex compound of gallic acid with titanium; examining photocatalytic degradation of the obtained TNTs. <i>Arabian Journal of Chemistry</i> , 2020, 13, 7274-7288.	2.3	4
8	Structural and theoretical study of (4E,5Z)-4,5-bis(dibenzylidene)-1,2,3,6,7,8-hexahydroacridine. <i>ChemistrySelect</i> , 2020, 5, 13487-13491.	0.7	0
9	Removing organic harmful compounds from the polluted water by a novel synthesized cobalt(II) and titanium(IV) containing photocatalyst under visible light. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2020, 14, 100304.	1.7	3
10	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. <i>Polyhedron</i> , 2020, 184, 114557.	1.0	5
11	<i>Thladiantha</i> Seed Oils - New Source of Conjugated Fatty Acids: Characterization of Triacylglycerols and Fatty Acids. <i>Journal of Oleo Science</i> , 2020, 69, 993-1000.	0.6	5
12	Computational, Structural and Spectroscopic Investigations of Two Polymorphs of 5,7-dinitro-N-phenylamino)Quinoline. <i>ChemistrySelect</i> , 2019, 4, 13115-13122.	0.7	0
13	Thermal decomposition of bimetallic titanium complexes: A new method for synthesizing doped titanium nano-sized catalysts and photocatalytic application. <i>Materials Science and Engineering C</i> , 2019, 97, 813-826.	3.8	12
14	Ti (IV) complexes with some diphenols as precursors for $TiO_2$ nano-sized catalysts. <i>Journal of Organometallic Chemistry</i> , 2018, 859, 80-91.	0.8	13
15	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. <i>Journal of Structural Chemistry</i> , 2018, 59, 425-428.	0.3	0
16	Tautomeric transformations and electronic structures of azopyrazolone dyes and their metal complexes. <i>Reviews in Inorganic Chemistry</i> , 2018, 38, 87-101.	1.8	3
17	Spectral study of the reactions of dimethyl sulfoxide with the nitrite complexes of Co-porphyrins. <i>Russian Chemical Bulletin</i> , 2018, 67, 1241-1246.	0.4	0

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19	Doped rare and transition metal perovskite-type titanate nanoparticles: A new method for developing synthesizing and photocatalytic ability. <i>Journal of Molecular Liquids</i> , 2018, 268, 882-894.	2.3	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 C <sub>16</sub> H <sub>13</sub> N <sub>5</sub> O <sub>4</sub> . <i>Russian Journal of Inorganic Chemistry</i> , 2018, 63, 874-880.	0.3	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-sulfonio). <i>ETQqđ</i> 1 0.78	1.7	10
22	An unusual coordination of a 4-azopyrazol-5-one heterocyclic derivative with metals. Synthesis, X-ray studies, spectroscopic characteristics, and theoretical modeling. <i>Inorganica Chimica Acta</i> , 2017, 466, 266-273.	1.2	2
23	Accurate investigation to determine the best conditions for using NiTiO <sub>3</sub> for bromophenol blue degradation in the environment under UV-vis light based on concentration reduction and to compare it with TiO <sub>2</sub> . <i>Environmental Nanotechnology, Monitoring and Management</i> , 2017, 8, 244-253.	1.7	10
24	Novel synthesis method for photo-catalytic system based on some 3d-metal titanates. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 18207-18219.	1.1	12
25	Synthesis and characterization of a series of novel metal complexes of N-heterocyclic azo-colorants derived from 4-azo-pyrazol-5-one. <i>Polyhedron</i> , 2017, 121, 41-52.	1.0	25
26	Synthesis, Crystal, Molecular Structure and Theoretical Modeling of [Fe(H <sub>2</sub> O) <sub>6</sub> ]L <sub>2</sub> ·2H <sub>2</sub> O and [Cr <sub>0.14</sub> Mn <sub>0.86</sub> (H <sub>2</sub> O) <sub>6</sub> ]L <sub>2</sub> ·2H <sub>2</sub> O (L = 4-Nitro-2,5,6-trioxo-1,2,5,6-tetrahydropyridin-3-olate anion). <i>Asian Journal of Chemistry</i> , 2016, 28, 825-829.	0.1	0
27	Coordination Chemistry of Alkyl- and Aryl-Substituted N-Nitrosohydroxylamine Compounds. <i>Asian Journal of Chemistry</i> , 2016, 28, 1873-1890.	0.1	2
28	Novel Metal Complexes of Bispyrazole Azo Dyes for Chemical Fibers. <i>Fibre Chemistry</i> , 2016, 47, 497-500.	0.0	2
29	Complexes of some divalent metals with alcoxy-NNO-azoxy compounds: Crystal and molecular structures of $\text{D}_{5\text{H}}\text{I}_{2}\text{N}_{4}\text{O}_{6}$ . <i>Russian Journal of Inorganic Chemistry</i> , 2016, 61, 712-717.	0.3	0
30	Complexes of some trivalent metals with N-alkyl(benzyl)nitrosohydroxylamine derivatives. <i>Russian Journal of Inorganic Chemistry</i> , 2016, 61, 718-725.	0.3	1
31	Experimental and Theoretical Investigations of Complex Formation of Substituted Phenylazo-Derivatives of Methylphloroglucinol. <i>Journal of Advances in Chemistry</i> , 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 C <sub>21</sub> H <sub>20</sub> N <sub>6</sub> O <sub>2</sub> . <i>Russian Journal of Inorganic Chemistry</i> , 2015, 60, 55-62.	0.3	7
33	Crystal structure of poly[ $\frac{1}{4}$ 2-aqua-aqua( $\frac{1}{4}$ 2-4-nitro-2,5,6-trioxo-1,2,5,6-tetrahydropyridin-3-olato)hemi- $\frac{1}{4}$ 4-oxalato-barium(II)]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 459-462.	0.2	2
34	Crystal structure of chlorido{1-(2,3-dimethyl-5-oxido-1-phenyl-1H-pyrazol-2-ium-4-yl)-2-[3-methyl-5-oxo-1-phenyl-4,5-dihydro-1H-pyrazol-5-one]}nickel(II) from laboratory X-ray powder data. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 124-127.	0.2	6
35	Copper(II) alkyl- and benzylnitrosohydroxylamines as precursors for the synthesis of copper(I) oxide micro- and nanoparticles of various morphologies. <i>Inorganic Materials</i> , 2014, 50, 1093-1098.	0.2	2
36	Diaquabis[2-(2-fluorobenzyl)-2-nitrosohydroxylaminato]nickel(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, m98-m99.	0.2	1

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37	Bis(N-nitroso-N-pentylhydroxylaminato- $\lambda^2$ O,O $\lambda^2$ )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.	0.1	3
39	Coordination chemistry of polyoxo-carbocyclic compounds containing one or more neighboring oxo-groups. Reviews in Inorganic Chemistry, 2014, 34, 1-24.	1.8	8
40	Synthesis, spectral and crystallographic studies of coordination compounds of some d and f metals with N-nitroso-N-(methyl)ethylhydroxylamine. Russian Journal of Inorganic Chemistry, 2014, 59, 192-195.	0.3	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 C <sub>10</sub> H <sub>9</sub> N <sub>5</sub> O <sub>6</sub> . Russian Journal of Inorganic Chemistry, 2013, 58, 395-399.	0.3	0
43	Hexaquaacobalt(II) and hexaquaacadmium(II) 4-nitro-2,3,5,6-tetraoxopyridinates [M(H <sub>2</sub> O) <sub>6</sub> ](C <sub>5</sub> H <sub>4</sub> N <sub>2</sub> O <sub>6</sub> ) <sub>2</sub> · 2H <sub>2</sub> O (M = Co and Cd): Synthesis, structures, and properties. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2013, 39, 234-238.	0.3	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.	0.1	1
45	Electron density, electrostatic potential, and spatial organization of ammonium hydroxalate 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.	0.4	10
46	<i>catena</i> -Poly[ammonium [aquabis( $\lambda^4$ -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	Hexaquaabis[3,5-bis(hydroxyimino)-1-methyl-2,4,6-trioxocyclohexanido- $\lambda^2$ N <sub>3</sub> ,O <sub>4</sub> ]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.	0.3	0
50	Synthesis and the crystal and molecular structures of (H <sub>3</sub> L · Cl)[CoCl <sub>4</sub> ] and H <sub>2</sub> L[CuBr <sub>4</sub> ] (L is) Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50 2	0.1	3
51	Complex compounds of a series of d metals with rubazinic acid (HRub). Crystal and molecular structure of [Co(H <sub>2</sub> O) <sub>6</sub> ](NO <sub>3</sub> ) <sub>2</sub> · 2HRub. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2010, 36, 751-756.	0.3	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 · 3H <sub>2</sub> O and (H <sub>2</sub> L)Br <sub>2</sub> · 3H <sub>2</sub> O. Crystallography Reports, 2009, 54, 68-73.	0.1	3
53	Complexation of 2,3-dihydroxyquinoline with some bivalent d metals. Crystal and molecular structures of 2,3-dihydroxyquinoline. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 775-779.	0.3	3
54	Synthesis, structure, geometrical, and spectral characteristics of the (HL <sub>n</sub> ) <sub>2</sub> [CuCl <sub>4</sub> ] complexes. Crystal and molecular structure of bis(2-methylimidazolium) tetrachlorocuprate(II). Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 830-835.	0.3	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) <sub>2</sub> [Cu <sub>2</sub> Cl <sub>6</sub> ] and (HL)[CuBr <sub>2</sub> ]. Crystallography Reports, 2008, 53, 451-454.	0.1	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.	0.1	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 (HL <sub>4</sub> ) <sub>2</sub> CuB <sub>4</sub> · H <sub>2</sub> O. Russian Journal of Inorganic Chemistry, 2007, 52, 733-741.	0.3	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.	0.3	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.	0.3	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.	0.3	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.	0.3	3
62	Title is missing!. Doklady Physical Chemistry, 2002, 386, 251-254.	0.2	3