

Svetlana V Zaitseva

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57 papers	179 citations	7 h-index	10 g-index
58 ext. papers	185 ext. citations	1.2 avg, IF	2.91 L-index

#	Paper	IF	Citations
57	Easy access to powerful ruthenium phthalocyanine high-oxidized species. <i>Polyhedron</i> , 2022 , 217, 115739.	2.7	2
56	Direct Cobalt-Catalyzed Phosphorylation of Porphyrins. <i>ChemistrySelect</i> , 2021 , 6, 12188-12197	1.8	0
55	Kinetic Study of the Redox Properties of [5,10,15,20-Tetrakis(2,5-dimethoxyphenyl)porphyrinato]cobalt(II) in the Reaction with Hydrogen Peroxide. <i>Russian Journal of General Chemistry</i> , 2020 , 90, 863-869	0.7	0
54	Carbido-bridged diruthenium bis-phthalocyanine as a biomimetic catalyst in oxidation of β -carotene. <i>Journal of Organometallic Chemistry</i> , 2020 , 912, 121164	2.3	3
53	Catalytic Activity of Octamethoxy-Substituted Cobalt(II) Tetraphenylporphyrinate in Tetraterpene Oxidation by Hydrogen Peroxide. <i>Russian Journal of Inorganic Chemistry</i> , 2020 , 65, 1006-1014	1.5	1
52	Efficient oxidation of β -carotene in β -carbido diiron octapropyltetraazaporphyrin- H_2O system. <i>Journal of Molecular Liquids</i> , 2019 , 287, 111023	6	5
51	Kinetics of the Formation of an Active Oxo Species of μ -Carbidodimeric Water-Soluble Iron(IV) Sulphthalocyanine in the Reaction with tert-Butyl Hydroperoxide. <i>Russian Journal of Inorganic Chemistry</i> , 2019 , 64, 815-821	1.5	3
50	Atypical Film-Forming Behavior of Soluble Tetra-3-Nitro-Substituted Copper Phthalocyanine. <i>ChemPhysChem</i> , 2019 , 20, 422-428	3.2	3
49	Catalytic Activity of β -Carbido-Dimeric Iron(IV) Octapropylporphyrinate in the 3,5,7,2',4'-Pentahydroxyflavone Oxidation Reaction with tert-Butyl Hydroperoxide. <i>Russian Journal of Physical Chemistry A</i> , 2018 , 92, 870-875	0.7	5
48	Molecular Complexes of β -Carbidodimeric Iron(IV) Tetra-4-tert-butylphthalocyaninate with Nitrogenous Bases. <i>Russian Journal of General Chemistry</i> , 2018 , 88, 1142-1147	0.7	1
47	Redox Reactions of β -Carbido Diiron(IV) Tetra-4-tert-butylphthalocyaninate with Organic Peroxides. <i>Macroheterocycles</i> , 2018 , 11, 29-34	2.2	9
46	Highly reactive β -carbido diiron tetraphenylporphine oxo-species: chemical generation and the oxidation ability. <i>Journal of Coordination Chemistry</i> , 2018 , 71, 2993-3007	1.6	6
45	Kinetics of β -Carotene Oxidation in the Presence of Highly Active Forms of μ -Carbido Diiron(IV) Tetraphenylporphyrinate. <i>Russian Journal of Physical Chemistry A</i> , 2018 , 92, 2128-2134	0.7	5
44	Reaction between μ -Nitridodimeric Iron(IV) Tetra-4-tert-butylphthalocyaninate and Organic Peroxides. <i>Russian Journal of Inorganic Chemistry</i> , 2018 , 63, 1164-1170	1.5	3
43	Reaction of β -carbido-dimeric iron(IV) octapropyltetraazaporphyrinate with dicumene peroxide and tert-butyl peroxide in benzene. <i>Russian Journal of Inorganic Chemistry</i> , 2017 , 62, 508-516	1.5	7
42	Coordination properties of β -carbidodimeric iron(IV) 2,3,7,8,12,13,17,18-octapropyltetraazaporphyrinate and 5,10,15,20-tetraphenylporphyrinate in reactions with nitrogen-containing bases. <i>Russian Journal of Inorganic Chemistry</i> , 2017 , 62, 1257-1266	1.5	7
41	Reduction of (chloro)- μ -nitrido-bis[(tetra-tert-butyl-phthalocyaninato)iron(IV)] with organic N-bases. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016 , 20, 639-646	1.8	8

40	Kinetics of complex formation of 5,10,15,20-tetraphenylporphyrin and 2,3,7,8,12,13,17,18-octaethylporphyrin with iron valinate, guaninate, and adeninate. <i>Russian Journal of General Chemistry</i> , 2016 , 86, 2653-2659	0.7	1
39	Influence of the macrocycle nature on the redox properties of vanadium porphyrinates in their reaction with an organic peroxide. <i>Russian Journal of General Chemistry</i> , 2016 , 86, 1322-1329	0.7	5
38	Intermolecular interaction of osmium and ruthenium porphyrinates with organic bases. <i>Russian Journal of Inorganic Chemistry</i> , 2015 , 60, 759-764	1.5	2
37	Coordinating ability of rhodium(III) porphyrins toward organic bases. <i>Russian Journal of General Chemistry</i> , 2015 , 85, 2786-2792	0.7	3
36	Ion-molecular interactions in the metalloporphyrin-acid system in liquid solutions. <i>Journal of Structural Chemistry</i> , 2014 , 55, 180-190	0.9	5
35	Kinetics of reaction between nickel porphyrinates and dicumene peroxide. <i>Russian Journal of General Chemistry</i> , 2014 , 84, 2429-2435	0.7	2
34	Reaction of Nitrido Diiron(IV) Phthalocyanine and Dicumyl Peroxide. <i>Macroheterocycles</i> , 2014 , 7, 55-59	2.2	3
33	Structure and properties of (Ac)Fe(III)-5,15-diphenyl-3,7,13,17-tetramethyl-2,8,12,18-tetrabutylporphyrin in the reaction with organic peroxides in benzene: The effect of imidazole on reaction kinetics. <i>Russian Journal of General Chemistry</i> , 2013 , 83, 2339-2435	1.5	2
32	Intermolecular interactions of (5,15-diphenyl-3,7,13,17-tetramethyl-2,8,12,18-tetrabutylporphyrinato)manganese acetate with small organic molecules. <i>Russian Journal of General Chemistry</i> , 2013 , 83, 738-743	0.7	4
31	Study of intermolecular interaction of Mg-5,15-Di(o-methoxyphenyl)-2,8,12,18-tetramethyl-3,7,13,17-tetrabutylporphyrin with o-xylene organic peroxides. Effect of imidazole on the reaction kinetics. <i>Russian Journal of General Chemistry</i> , 2013 , 83, 110-115	0.7	1
30	Peripheral modification and basicity of (phthalocyaninato)-copper(II) according to the electronic spectroscopy and quantum chemical calculation data. <i>Russian Journal of Organic Chemistry</i> , 2013 , 49, 1819-1827	0.7	
29	Structure and properties of tetrakis[3(4)-chlorophthalocyaninato]copper(II) protonated forms in the isolated state and in the sulfuric acid solutions. <i>Russian Journal of General Chemistry</i> , 2013 , 83, 1563-1570	0.7	1
28	Reaction of (Ac)Co-5,15di(ortho-methyloxyphenyl)-2,8,12,18-tetramethyl-3,7,13,17-tetrabutylporphyrin and its molecular complex with organic peroxides in xylene. <i>Russian Journal of Inorganic Chemistry</i> , 2012 , 57, 903-910	1.5	5
27	A New Protonated form of Porphyrins in Solutions. <i>Mendeleev Communications</i> , 2012 , 22, 281-283	1.9	4
26	Study of the coordination properties of cobalt 5,15-di(ortho-nitrophenyl)-2,8,12,18-tetramethyl-3,7,13,17-tetrabutylporphyrinate in the reaction with nitrogen organic bases. <i>Russian Journal of General Chemistry</i> , 2012 , 82, 770-775	0.7	
25	Regularities of Coordination Reaction between Cobalt(III) 5,15-Diphenyl[Octaalkylporphyrin and Organic Bases. <i>Macroheterocycles</i> , 2012 , 5, 81-86	2.2	4
24	Kinetics of the reactions of capped zinc 5,15-(1,4-bis(2'-phenylenoxymethylene)-phenyl)-2,8,12,18-tetramethyl-3,7,13,17-tetrabutylporphyrinate) with organic peroxides in o-xylene. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2011 , 37, 186-194	1.6	
23	Kinetics of Zn-5,15-di(ortho-methyloxyphenyl)-2,8,12,18-tetramethyl-3,7,13,17-tetrabutylporphyrin oxidation by organic peroxides in o-xylene. <i>Russian Journal of Inorganic Chemistry</i> , 2010 , 55, 959-966	1.5	2

22	Coordination properties of zinc 5,15-di(ortho-aminophenyl)octaalkylporphyrin in reactions with mono- and dibasic nitrogen bases. <i>Russian Journal of Inorganic Chemistry</i> , 2010 , 55, 1574-1580	1.5	1
21	Coordination properties of (chloro)aluminum-5,15-diphenyloctaalkylporphyrin in the reactions with small organic molecules. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2010 , 36, 323-329	1.6	5
20	Structure and properties of cobalt(III) porphyrinate molecular complexes. <i>Russian Journal of General Chemistry</i> , 2010 , 80, 137-143	0.7	1
19	The influence of modification of periphery of hydroxo(phthalocyaninato)aluminum(III) and (phthalocyaninato)copper(II) on the structure and stability of the molecules as studied by computer simulation and kinetic experiment. <i>Russian Journal of General Chemistry</i> , 2010 , 80, 341-350	0.7	2
18	Structure of zinc-5,15-di(o-methoxyphenyl)octaalkylporphyrins and their reaction with organic peroxides in the presence of pyridine. <i>Russian Journal of General Chemistry</i> , 2010 , 80, 849-856	0.7	
17	Influence of electronic and geometric factors on the redox properties of the blocked zinc porphyrinates in the reaction with organic peroxides. <i>Russian Journal of General Chemistry</i> , 2010 , 80, 2512-2518	0.7	1
16	Influence of imidazole on the kinetics of oxidation of 5,15-di(ortho-methoxyphenyl)-2,3,7,8,12,13,17,18-octamethylporphyrin with organic peroxides in o-xylene. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2009 , 35, 320-329	1.6	4
15	Effect of macrocycle deformation and electronic effects of substituents on the stability of zinc-5,15-di(o-nitrophenyl)octaalkylporphyrin molecular complexes. <i>Russian Journal of General Chemistry</i> , 2009 , 79, 1010-1017	0.7	2
14	Effect of imidazole on the structure and properties of Zn-5,15-di(o-methoxyphenyl)-2,8,12,18-tetramethyl-3,7,13,17-tetrabutylporphyrin in reaction with organic peroxides. <i>Russian Journal of General Chemistry</i> , 2009 , 79, 1537-1543	0.7	
13	Synthesis and coordination properties of the zinc complex of dimeric porphyrin in reactions with imidazole, 2-methylimidazole, and the pyridine in benzene. <i>Russian Journal of General Chemistry</i> , 2008 , 78, 493-502	0.7	9
12	Oxidation kinetics of Zn-5,15 bis(ortho-methoxyphenyl)-2,3,7,8,12,13,17,18-octamethylporphyrin with organic peroxides in o-xylene. <i>Russian Journal of General Chemistry</i> , 2008 , 78, 1260-1267	0.7	4
11	Structure and coordination properties of sterically strained meso-alkyl-substituted Zn porphyrin. <i>Russian Journal of Inorganic Chemistry</i> , 2008 , 53, 901-905	1.5	2
10	Structure and spectral properties of conjugated acids of substituted copper(II) phthalocyanines in a solution and gas phase. <i>Russian Journal of Inorganic Chemistry</i> , 2008 , 53, 1771-1777	1.5	2
9	Effect of pyridine on the reaction of β -spanned zinc porphyrin with organic peroxides. <i>Russian Journal of General Chemistry</i> , 2007 , 77, 1275-1283	0.7	2
8	Complexes of zinc 5,15-di(ortho-methoxyphenyl)octaalkylporphyrinate with nitrogen-containing bases. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2006 , 32, 481-488	1.6	9
7	Effect of steric strains in the macroring on the structure and properties of molecular complexes of (chloro)[5,15-(p-butoxyphenyl)-2,8,12,17-tetramethyl-3,7,13,17-tetrabutylporphinato]aluminum. <i>Russian Journal of General Chemistry</i> , 2006 , 76, 1660-1667	0.7	2
6	Kinetics of Oxidation of β -spanned Zinc Porphyrin Containing a 2,5-Dimethoxyphenylene Cap with Organic Peroxides in the Presence of Imidazole. <i>Russian Journal of General Chemistry</i> , 2005 , 75, 800-806	0.7	2
5	Regularities of Extra Coordination of Nitrogen-containing Ligands with an Anthracenyl-capped Zinc Porphyrin. <i>Russian Journal of General Chemistry</i> , 2003 , 73, 467-472	0.7	3

4	Reactions of (Hydroxo)aluminium(III)tetra(4-chloro)phthalocyanine in Sulfuric Acid. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2003 , 29, 540-544	1.6	2
3	Reactions of Nitro and Halonitro Derivatives of Aluminum(III) and Copper(II) Phthalocyanines with Concentrated Sulfuric Acid. <i>Russian Journal of General Chemistry</i> , 2002 , 72, 963-967	0.7	1
2	Chromium(III) and Chromium(IV) Tetraphenylporphine Complexes. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2002 , 28, 843-847	1.6	12
1	Features of Formation of Mixed-Ligand Complexes of Aluminum Tetraphenylporphine. <i>Russian Journal of General Chemistry</i> , 2001 , 71, 132-136	0.7	2