

Sergey A Zdanovich

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.

41
papers

149
citations

7
h-index

8
g-index

42
ext. papers

151
ext. citations

1.2
avg, IF

2.4
L-index

#	Paper	IF	Citations
41	Easy access to powerful ruthenium phthalocyanine high-oxidized species. <i>Polyhedron</i> , 2022 , 217, 115739	2.7	2
40	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
39	Redox Reactions of μ -Carbido Diiron(IV) Tetra-4-tert-butylphthalocyaninate with Organic Peroxides. <i>Macroheterocycles</i> , 2018 , 11, 29-34	2.2	9
38	Reaction of μ -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
37	Coordination properties of μ -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
36	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
35	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
34	Intermolecular interaction of osmium and ruthenium porphyrinates with organic bases. <i>Russian Journal of Inorganic Chemistry</i> , 2015 , 60, 759-764	1.5	2
33	Coordinating ability of rhodium(III) porphyrins toward organic bases. <i>Russian Journal of General Chemistry</i> , 2015 , 85, 2786-2792	0.7	3
32	Ion-molecular interactions in the metalloporphyrin-acid system in liquid solutions. <i>Journal of Structural Chemistry</i> , 2014 , 55, 180-190	0.9	5
31	Reaction of μ -Nitrido Diiron(IV) Phthalocyanine and Dicumyl Peroxide. <i>Macroheterocycles</i> , 2014 , 7, 55-59	2.2	3
30	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
29	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	
28	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
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 μ -octaalkylporphyrin and Organic Bases. <i>Macroheterocycles</i> , 2012 , 5, 81-86	2.2	4

24	Kinetics of Zn-5,15-di(ortho-methoxyphenyl)-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
23	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
22	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
21	Structure and properties of cobalt(III) porphyrinate molecular complexes. <i>Russian Journal of General Chemistry</i> , 2010 , 80, 137-143	0.7	1
20	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
19	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
18	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
17	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
16	Reactions of (Hydroxo)(tetrakis(3,5-dicarboxy)- and (Hydroxo)(tetrakis(4,5-dicarboxy)phthalocyaninato)aluminum(III) with Sulfuric Acid: Simulation and Kinetic Experiments. <i>Russian Journal of Inorganic Chemistry</i> , 2008 , 53, 220-228	1.5	4
15	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
14	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
13	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
12	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
11	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-tetrabutylporphyrinato]aluminum. <i>Russian Journal of General Chemistry</i> , 2006 , 76, 1660-1667	0.7	2
10	Kinetics of Oxidation of β -capped Zinc Porphyrin Containing a 2,5-Dimethoxyphenylene β -cap with Organic Peroxides in the Presence of Imidazole. <i>Russian Journal of General Chemistry</i> , 2005 , 75, 800-806	0.7	2
9	Coordination Properties of Ga, In, and Tl Tetraphenylporphine Complexes in Reactions with Nitrogen-containing Extra Ligands. <i>Russian Journal of General Chemistry</i> , 2003 , 73, 145-150	0.7	2
8	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
7	Reactions of (Hydroxo)aluminum(III)tetra(4-chloro)phthalocyanine in Sulfuric Acid. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2003 , 29, 540-544	1.6	2

6	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
5	Chromium(III) and Chromium(IV) Tetraphenylporphine Complexes. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2002 , 28, 843-847	1.6	12
4	Coordination Properties of Sterically Stressed Zincporphyrins. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2001 , 27, 152-157	1.6	8
3	Forecasting Columnar Mesophases. Synthesis and Structure of Porphin Derivatives. <i>Journal of Structural Chemistry</i> , 2001 , 42, 43-50	0.9	1
2	Features of Formation of Mixed-Ligand Complexes of Aluminum Tetraphenylporphine. <i>Russian Journal of General Chemistry</i> , 2001 , 71, 132-136	0.7	2
1	Influence of the Nature of Porphyrin and Extraligand on the Stability of Zinc Extracomplexes. <i>Molecules</i> , 2000 , 5, 786-796	4.8	10