

# Sergey A Zdanovich

## List of Publications by Citations

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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	Chromium(III) and Chromium(IV) Tetraphenylporphine Complexes. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2002</b> , 28, 843-847	1.6	12
40	Influence of the Nature of Porphyrin and Extraligand on the Stability of Zinc Extracomplexes. <i>Molecules</i> , <b>2000</b> , 5, 786-796	4.8	10
39	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> , <b>2008</b> , 78, 493-502	0.7	9
38	Complexes of zinc 5,15-di(ortho-methoxyphenyl)octaalkylporphyrinate with nitrogen-containing bases. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2006</b> , 32, 481-488	1.6	9
37	Redox Reactions of $\mu$ -Carbido Diiron(IV) Tetra-4-tert-butylphthalocyaninate with Organic Peroxides. <i>Macroheterocycles</i> , <b>2018</b> , 11, 29-34	2.2	9
36	Reduction of (chloro)- $\mu$ -nitrido-bis[(tetra-tert-butyl-phthalocyaninato)iron(IV)] with organic N-bases. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2016</b> , 20, 639-646	1.8	8
35	Coordination Properties of Sterically Stressed Zincporphyrins. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2001</b> , 27, 152-157	1.6	8
34	Reaction of $\mu$ -Carbido-dimeric iron(IV) octapropyltetraazaporphyrinate with dicumene peroxide and tert-butyl peroxide in benzene. <i>Russian Journal of Inorganic Chemistry</i> , <b>2017</b> , 62, 508-516	1.5	7
33	Coordination properties of $\mu$ -carbido-dimeric 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> , <b>2017</b> , 62, 1257-1266	1.5	7
32	Ion-molecular interactions in the metalloporphyrin-acid system in liquid solutions. <i>Journal of Structural Chemistry</i> , <b>2014</b> , 55, 180-190	0.9	5
31	Coordination properties of (chloro)aluminum-5,15-diphenyloctaalkylporphyrin in the reactions with small organic molecules. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2010</b> , 36, 323-329	1.6	5
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> , <b>2013</b> , 83, 738-743	0.7	4
29	A New Protonated form of Porphyrins in Solutions. <i>Mendeleev Communications</i> , <b>2012</b> , 22, 281-283	1.9	4
28	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> , <b>2008</b> , 53, 220-228	1.5	4
27	Regularities of Coordination Reaction between Cobalt(III) 5,15-Diphenyl $\mu$ -octaalkylporphyrin and Organic Bases. <i>Macroheterocycles</i> , <b>2012</b> , 5, 81-86	2.2	4
26	Carbido-bridged diruthenium bis-phthalocyanine as a biomimetic catalyst in oxidation of $\beta$ -carotene. <i>Journal of Organometallic Chemistry</i> , <b>2020</b> , 912, 121164	2.3	3
25	Coordinating ability of rhodium(III) porphyrins toward organic bases. <i>Russian Journal of General Chemistry</i> , <b>2015</b> , 85, 2786-2792	0.7	3

24	Regularities of Extra Coordination of Nitrogen-containing Ligands with an Anthracenyl-capped Zinc Porphyrin. <i>Russian Journal of General Chemistry</i> , <b>2003</b> , 73, 467-472	0.7	3
23	Reaction of $\pi$ -Nitrido Diiron(IV) Phthalocyanine and Dicumyl Peroxide. <i>Macroheterocycles</i> , <b>2014</b> , 7, 55-59	2.2	3
22	Intermolecular interaction of osmium and ruthenium porphyrinates with organic bases. <i>Russian Journal of Inorganic Chemistry</i> , <b>2015</b> , 60, 759-764	1.5	2
21	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> , <b>2009</b> , 79, 1010-1017	0.7	2
20	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> , <b>2010</b> , 55, 959-966	1.5	2
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> , <b>2010</b> , 80, 341-350	0.7	2
18	Effect of pyridine on the reaction of $\pi$ -spanned zinc porphyrin with organic peroxides. <i>Russian Journal of General Chemistry</i> , <b>2007</b> , 77, 1275-1283	0.7	2
17	Structure and coordination properties of sterically strained meso-alkyl-substituted Zn porphyrin. <i>Russian Journal of Inorganic Chemistry</i> , <b>2008</b> , 53, 901-905	1.5	2
16	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> , <b>2008</b> , 53, 1771-1777	1.5	2
15	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> , <b>2006</b> , 76, 1660-1667	0.7	2
14	Coordination Properties of Ga, In, and Tl Tetraphenylporphine Complexes in Reactions with Nitrogen-containing Extra Ligands. <i>Russian Journal of General Chemistry</i> , <b>2003</b> , 73, 145-150	0.7	2
13	Reactions of (Hydroxo)aluminium(III)tetra(4-chloro)phthalocyanine in Sulfuric Acid. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2003</b> , 29, 540-544	1.6	2
12	Kinetics of Oxidation of $\pi$ -capped Zinc Porphyrin Containing a 2,5-Dimethoxyphenylene $\pi$ -cap with Organic Peroxides in the Presence of Imidazole. <i>Russian Journal of General Chemistry</i> , <b>2005</b> , 75, 800-806	0.7	2
11	Features of Formation of Mixed-Ligand Complexes of Aluminum Tetraphenylporphine. <i>Russian Journal of General Chemistry</i> , <b>2001</b> , 71, 132-136	0.7	2
10	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> , <b>2013</b> , 83, 1563-1570	0.7	1
9	Coordination properties of zinc 5,15-di(ortho-aminophenyl)octaalkylporphyrin in reactions with mono- an dibasic nitrogen bases. <i>Russian Journal of Inorganic Chemistry</i> , <b>2010</b> , 55, 1574-1580	1.5	1
8	Structure and properties of cobalt(III) porphyrinate molecular complexes. <i>Russian Journal of General Chemistry</i> , <b>2010</b> , 80, 137-143	0.7	1
7	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> , <b>2010</b> , 80, 2512-2518	0.7	1

- 6 Reactions of Nitro and Halonitro Derivatives of Aluminum(III) and Copper(II) Phthalocyanines with Concentrated Sulfuric Acid. *Russian Journal of General Chemistry*, **2002**, 72, 963-967 0.7 1
- 5 Forecasting Columnar Mesophases. Synthesis and Structure of Porphin Derivatives. *Journal of Structural Chemistry*, **2001**, 42, 43-50 0.9 1
- 4 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. *Russian Journal of General Chemistry*, **2016**, 86, 2653-2659 0.7 1
- 3 Peripheral modification and basicity of (phthalocyaninato)-copper(II) according to the electronic spectroscopy and quantum chemical calculation data. *Russian Journal of Organic Chemistry*, **2013**, 49, 1819-1827 0.7
- 2 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. *Russian Journal of General Chemistry*, **2012**, 82, 770-775 0.7
- 1 Easy access to powerful ruthenium phthalocyanine high-oxidized species. *Polyhedron*, **2022**, 217, 115739.7