

Yuri A Gubarev

List of Publications by Year in descending order

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53
papers

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1305906

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Localization of porphyrins and their metal complexes in albumin and its effect on protein aggregation and denaturation. <i>Journal of Molecular Structure</i> , 2022, 1254, 132304.	1.8	1
2	Functionalization of Porphyrins Using Metal-Catalyzed C-H Activation. <i>Inorganics</i> , 2022, 10, 63.	1.2	4
3	Interaction of 5-[4-(N-Methyl-1,3-benzimidazol-2-yl)phenyl]-10,15,20-tri-(N-methyl-3-pyridyl)porphyrin Triiodide with SARS-CoV-2 Spike Protein. <i>Russian Journal of General Chemistry</i> , 2022, 92, 1005-1010.	0.3	1
4	Molecular mechanisms causing albumin aggregation. The main role of the porphyrins of the blood group. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 246, 118975.	2.0	4
5	Modeling the binding of protoporphyrin IX, verteporfin, and chlorin e6 to SARS-CoV-2 proteins. <i>Chemistry of Heterocyclic Compounds</i> , 2021, 57, 423-431.	0.6	7
6	Synthesis of Hetaryl-Substituted Asymmetric Porphyrins and Their Affinity to SARS-CoV-2 Helicase. <i>Russian Journal of General Chemistry</i> , 2021, 91, 1039-1049.	0.3	4
7	Destruction of Chitosan and Its Complexes with Cobalt(II) and Copper(II) Tetrasulphophthalocyanines. <i>Polymers</i> , 2021, 13, 2781.	2.0	3
8	Pyrolysis of Complexes of Metallosulphophthalocyanines with Chitosan for Obtaining Graphite-Like Structures. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 3991-4000.	1.9	2
9	Possible therapeutic targets and promising drugs based on unsymmetrical hetaryl-substituted porphyrins to combat SARS-CoV-2. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 691-698.	2.4	8
10	A study of protein aggregation activators in molecular complexes of cationic porphyrins and chlorin with BSA. <i>Journal of Molecular Liquids</i> , 2021, 338, 116632.	2.3	4
11	Theoretical and experimental study of interaction of macroheterocyclic compounds with ORF3a of SARS-CoV-2. <i>Scientific Reports</i> , 2021, 11, 19481.	1.6	12
12	Aggregation of protein complexes with porphyrins under light irradiation. <i>Journal of Porphyrins and Phthalocyanines</i> , 2021, 25, 145-152.	0.4	1
13	The Application of Porphyrins and Their Analogues for Inactivation of Viruses. <i>Molecules</i> , 2020, 25, 4368.	1.7	44
14	Effect of albumin on the aggregation of deuteroporphyrin in aqueous organic medium. <i>Mendeleev Communications</i> , 2020, 30, 805-808.	0.6	3
15	Method for Producing Graphite-Like Chitosan Structures by Thermolysis and Microwave Irradiation. <i>Russian Journal of General Chemistry</i> , 2020, 90, 2152-2155.	0.3	0
16	Albumin aggregation promoted by protoporphyrin in vitro. <i>Mendeleev Communications</i> , 2020, 30, 211-213.	0.6	6
17	Macroheterocyclic Compounds - a Key Building Block in New Functional Materials and Molecular Devices. <i>Macroheterocycles</i> , 2020, 13, 311-467.	0.9	91
18	Thermochemical research of chitosan complexes with sulfonated metallophthalocyanines. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 1153-1160.	3.6	6

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19	Effect of macrocyclic compounds to protein aggregation. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2019, 95, 199-206.	0.9	1
20	Complexing Ability of Heterocyclic N-Oxides Toward Proton Donor Compounds. <i>Russian Journal of General Chemistry</i> , 2019, 89, 1409-1414.	0.3	0
21	Comparison of the complexing ability of zinc (II) porphyrins to diamines. <i>Journal of Molecular Liquids</i> , 2019, 288, 111024.	2.3	1
22	Effect of pH on Albumin Binding with Hydrophobic Porphyrins. <i>Russian Journal of General Chemistry</i> , 2019, 89, 565-569.	0.3	1
23	The Condition of Metal Complexes of Tetraanthraquinoneporphyrazines in Solutions. <i>Russian Journal of General Chemistry</i> , 2019, 89, 619-625.	0.3	0
24	Spectral and thermochemical research of the DNA polyplex with chitosan formation process and the influence of anionic and cationic compounds. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 215, 153-157.	2.0	4
25	The interaction of 5,10,15,20-tetrakis [4- (2,3,4,6-tetra-O-acetyl- β -D-galactopyranosyl) phenyl] porphine with biopolymers. <i>Dyes and Pigments</i> , 2019, 162, 266-271.	2.0	10
26	Photoisomerization of Styryl Derivatives of Pyridine N-Oxide. <i>Russian Journal of Physical Chemistry A</i> , 2018, 92, 804-808.	0.1	2
27	Effect of irradiation spectral range on porphyrin-Protein complexes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 353, 299-305.	2.0	18
28	Interactions of tetracationic porphyrins with DNA and their effects on DNA cleavage. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 199, 235-241.	2.0	18
29	Acrylamide polymers with covalently linked zinc(ii)tetraphenylporphyrin groups: synthesis and complexation with amino acids. <i>Mendeleev Communications</i> , 2018, 28, 158-160.	0.6	3
30	Thermochemical Insights into Fullerene Aggregation and the Phthalocyanine-Fullerene Interaction in Efficient Solvents. <i>ChemPhysChem</i> , 2018, 19, 284-290.	1.0	3
31	Features of interaction of tetraiodide meso-tetra(N-methyl-3-pyridyl)porphyrin with bovine serum albumin. <i>Journal of Molecular Liquids</i> , 2018, 265, 664-667.	2.3	17
32	The interaction of cationic and anionic porphyrins with the bovine serum albumin in borate buffer. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2017, 88, 191-198.	0.9	6
33	Thermochemical study of the trans- and cis-isomeric forms of 4-(4-methoxystyryl)pyridine N-oxide. <i>Russian Journal of General Chemistry</i> , 2017, 87, 619-623.	0.3	1
34	A pH-controllable protein container for the delivery of hydrophobic porphyrins. <i>Mendeleev Communications</i> , 2017, 27, 47-49.	0.6	7
35	A new strategy for targeted delivery of non-water-soluble porphyrins in chitosan-albumin capsules. <i>Colloid and Polymer Science</i> , 2017, 295, 2173-2182.	1.0	9
36	Features of Chitosan interaction with copper(II) and cobalt(II) tetrasulfophthalocyanines. <i>Russian Journal of General Chemistry</i> , 2017, 87, 2327-2331.	0.3	5

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37	Thermodynamic Aspects of Binding Proteins with Porphyrins. Spectral and Thermochemical Approaches. <i>Macroheterocycles</i> , 2017, 10, 37-42.	0.9	3
38	Spectral and hydrodynamic studies of complex formation of tetraalkoxy substituted zinc(II)phthalocyanines with defatted and nondefatted bovine serum albumin. <i>Biochip Journal</i> , 2016, 10, 1-8.	2.5	4
39	Zinc tetra-4-(4'-carboxyphenoxy)phthalocyanine as a new site-specific marker for serum albumin. <i>Russian Journal of Bioorganic Chemistry</i> , 2016, 42, 29-35.	0.3	4
40	Thermodynamic aspects of interaction zinc(II)tetraphenylporphyrin with bidentate ligands in dilute solutions. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2016, 84, 71-77.	0.9	6
41	Interaction between albumin and zinc tetra-4-[(4- TM -carboxy)phenylamino]phthalocyanine. <i>Mendeleev Communications</i> , 2015, 25, 307-309.	0.6	12
42	Development and certification of an automated differential titration photocalorimeter. <i>Russian Journal of Physical Chemistry A</i> , 2015, 89, 724-728.	0.1	4
43	Investigation of interaction between alkoxy substituted phthalocyanines with different lengths of alkyl residue and bovine serum albumin. <i>Journal of Luminescence</i> , 2015, 166, 71-76.	1.5	8
44	Thermo-oxidative degradation of styryl derivatives of pyridine-N-oxides. <i>Russian Journal of General Chemistry</i> , 2014, 84, 2107-2113.	0.3	1
45	Formation of bovine serum albumin associates with zinc tetra(4,4- ² -carboxy)phenylamino- and tetra-(4,4- ² -carboxy)phenoxy phthalocyanines in aqueous-organic solutions at 298 K. <i>Russian Journal of Physical Chemistry A</i> , 2013, 87, 2030-2033.	0.1	8
46	Thermodynamical Approach for Choosing the Carrier System for Tetraantraquinoporphyrazines. <i>International Journal of Organic Chemistry</i> , 2013, 03, 225-228.	0.3	2
47	Determination of Stability of Molecular Complexes of Zinc(II) meso-Tetraphenylporphyrin with Heterocyclic N-Oxide and Pyridine by Different Methods. <i>Macroheterocycles</i> , 2013, 6, 106-110.	0.9	8
48	Influence of complex formation with tetraantraquinoporphyrazines and tetrasulphophthalocyanine on thermal stability of bovine serum albumin. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011, 15, 223-229.	0.4	7
49	Photoinduced isomerization of 4-(4- ² -dimethylaminostyryl) pyridine N-oxide. <i>Journal of Structural Chemistry</i> , 2009, 50, 722-726.	0.3	1
50	Thermal behavior of quinoline N-oxide hydrates and deuterohydrate. <i>Russian Journal of General Chemistry</i> , 2009, 79, 1183-1190.	0.3	3
51	Thermal oxidative destruction of complexes of heterocyclic N-oxides with Zn(II)tetra-phenylporphyrin. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 91, 601-608.	2.0	5
52	Thermooxidative decomposition of heterocyclic N-oxides. <i>Russian Journal of General Chemistry</i> , 2007, 77, 1093-1099.	0.3	7
53	Prospects for the use of macrocyclic photosensitizers for inactivation of SARS-CoV-2: selection of compounds leaders based on the molecular docking data. <i>Journal of Biomolecular Structure and Dynamics</i> , 0, , 1-10.	2.0	1