

Elena S Yurina

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

267
citations

1305906

8
h-index

1113639

15
g-index

39
all docs

39
docs citations

39
times ranked

251
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	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
3	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
4	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
5	Дієвість комплексів порфіринів з білками та їх вплив на агрегацію та денатурацію білків. <i>Український журнал загальної хімії</i> , 2022, 92, 1005-1010.		
6	Destruction of Chitosan and Its Complexes with Cobalt(II) and Copper(II) Tetrasulphophthalocyanines. <i>Polymers</i> , 2021, 13, 2781.	2.0	3
7	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
8	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
9	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
10	Aggregation of protein complexes with porphyrins under light irradiation. <i>Journal of Porphyrins and Phthalocyanines</i> , 2021, 25, 145-152.	0.4	1
11	Effect of albumin on the aggregation of deuteroporphyrin in aqueous organic medium. <i>Mendeleev Communications</i> , 2020, 30, 805-808.	0.6	3
12	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
13	Albumin aggregation promoted by protoporphyrin in vitro. <i>Mendeleev Communications</i> , 2020, 30, 211-213.	0.6	6
14	Macroheterocyclic Compounds - a Key Building Block in New Functional Materials and Molecular Devices. <i>Macroheterocycles</i> , 2020, 13, 311-467.	0.9	91
15	Thermochemical research of chitosan complexes with sulfonated metallophthalocyanines. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 1153-1160.	3.6	6
16	Effect of macrocyclic compounds to protein aggregation. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2019, 95, 199-206.	0.9	1
17	Complexing Ability of Heterocyclic N-Oxides Toward Proton Donor Compounds. <i>Russian Journal of General Chemistry</i> , 2019, 89, 1409-1414.	0.3	0
18	Comparison of the complexing ability of zinc (II) porphyrins to diamines. <i>Journal of Molecular Liquids</i> , 2019, 288, 111024.	2.3	1

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19	Effect of pH on Albumin Binding with Hydrophobic Porphyrins. Russian Journal of General Chemistry, 2019, 89, 565-569.	0.3	1
20	Spectral and thermochemical research of the DNA polyplex with chitosan formation process and the influence of anionic and cationic compounds. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 215, 153-157.	2.0	4
21	Chitosans: Thermochemical Study. Russian Journal of General Chemistry, 2019, 89, 2432-2437.	0.3	1
22	The interaction of 5,10,15,20-tetrakis [4- (2,3,4,6-tetra-O-acetyl- β -D-galactopyranosyl) phenyl] porphine with biopolymers. Dyes and Pigments, 2019, 162, 266-271.	2.0	10
23	Photoisomerization of Styryl Derivatives of Pyridine N-Oxide. Russian Journal of Physical Chemistry A, 2018, 92, 804-808.	0.1	2
24	Effect of irradiation spectral range on porphyrin-Protein complexes. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 353, 299-305.	2.0	18
25	Interactions of tetracationic porphyrins with DNA and their effects on DNA cleavage. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 199, 235-241.	2.0	18
26	Acrylamide polymers with covalently linked zinc(ii)tetraphenylporphyrin groups: synthesis and complexation with amino acids. Mendeleev Communications, 2018, 28, 158-160.	0.6	3
27	Features of interaction of tetraiodide meso-tetra(N-methyl-3-pyridyl)porphyrin with bovine serum albumin. Journal of Molecular Liquids, 2018, 265, 664-667.	2.3	17
28	A pH-controllable protein container for the delivery of hydrophobic porphyrins. Mendeleev Communications, 2017, 27, 47-49.	0.6	7
29	A new strategy for targeted delivery of non-water-soluble porphyrins in chitosan-albumin capsules. Colloid and Polymer Science, 2017, 295, 2173-2182.	1.0	9
30	Features of Chitosan interaction with copper(II) and cobalt(II) tetrasulfophthalocyanines. Russian Journal of General Chemistry, 2017, 87, 2327-2331.	0.3	5
31	Thermodynamic Aspects of Binding Proteins with Porphyrins. Spectral and Thermochemical Approaches. Macroheterocycles, 2017, 10, 37-42.	0.9	3
32	Zinc tetra-4-(4'-carboxyphenoxy)phthalocyanine as a new site-specific marker for serum albumin. Russian Journal of Bioorganic Chemistry, 2016, 42, 29-35.	0.3	4
33	First tellurium-containing phthalocyanine analogues: strong effect of tellurium on spectral, redox and conductivity properties of porphyrazines with annulated chalcogenodiazole ring(s). Chemical Communications, 2012, 48, 10135.	2.2	21
34	Macro-N-heterocyclic compounds: X-ray photoelectron spectra and structure. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 71-74.	0.3	3
35	Lithium perchlorate (tetrafluoroborate)-diethyl carbonate-propylene carbonate electrolyte systems. Russian Journal of Physical Chemistry A, 2006, 80, 1265-1268.	0.1	4
36	Prospects for the use of macrocyclic photosensitizers for inactivation of SARS-CoV-2: selection of compounds leaders based on the molecular docking data. Journal of Biomolecular Structure and Dynamics, 0, , 1-10.	2.0	1