

Nataliya Sh Lebedeva

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1081665/nataliya-sh-lebedeva-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

97
papers

504
citations

10
h-index

15
g-index

100
ext. papers

590
ext. citations

2.2
avg, IF

3.77
L-index

#	Paper	IF	Citations
97	Macroheterocyclic Compounds - a Key Building Block in New Functional Materials and Molecular Devices. <i>Macroheterocycles</i> , 2020 , 13, 311-467	2.2	36
96	Interactions of D-Maltose and Sucrose with Some Amino Acids in Aqueous Solutions. <i>Journal of Solution Chemistry</i> , 2004 , 33, 1-10	1.8	32
95	Aggregation properties of water-soluble metal phthalocyanines: effect of ionic strength of solution. <i>Russian Chemical Bulletin</i> , 2004 , 53, 2674-2683	1.7	18
94	The Application of Porphyrins and Their Analogues for Inactivation of Viruses. <i>Molecules</i> , 2020 , 25,	4.8	17
93	Dimerization and Coordination Properties of Zinc(II)tetra-4-alkoxybenzoyloxiphthalocyanine in Relation to DABCO in o-Xylene and Chloroform. <i>Journal of Solution Chemistry</i> , 2007 , 36, 793-801	1.8	16
92	Titration Calorimetric Investigation of Interactions of Zinc(II), Nickel(II), and Copper(II) Tetraphenylporphine Complexes with Pyridine in Three Solvents. <i>Journal of Solution Chemistry</i> , 1998 , 27, 879-886	1.8	15
91	Effect of irradiation spectral range on porphyrin-protein complexes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018 , 353, 299-305	4.7	13
90	X-ray diffraction and IR spectral characteristics of zinc(II)tetra-tert-butylphthalocyanine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007 , 68, 491-4	4.4	12
89	Correlation between thermodynamic stability of zinc(II)tetraphenylporphyrine complexes with neutral molecules and physicochemical properties of the coordinated ligands. <i>Thermochimica Acta</i> , 2002 , 390, 179-186	2.9	11
88	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	4.4	10
87	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	6	10
86	Stability of benzotriazolyl-substituted phthalocyanines with respect to thermal oxidative decomposition. <i>Russian Journal of Physical Chemistry A</i> , 2013 , 87, 352-356	0.7	10
85	Peculiarities of solvation interaction of water-soluble metallophthalocyanines with ethanol. <i>Thermochimica Acta</i> , 2004 , 417, 127-132	2.9	10
84	Determination of the dimerization constants of water soluble metallophthalocyanines by calorimetric titration using electron-donating ligands. <i>Mendeleev Communications</i> , 2003 , 13, 237-238	1.9	10
83	New basicity/nucleophilicity scale on the basis of parameters of formation of axial n _π complexes derived from tetraphenylporphyrinatozinc(II) and base/nucleophile as ligand. <i>Russian Journal of Organic Chemistry</i> , 2008 , 44, 906-915	0.7	9
82	Application of EPR to porphyrin-protein agents for photodynamic therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020 , 211, 112008	6.7	9
81	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	3.8	8

80	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	2.4	8
79	Calorimetric study of binding of some disaccharides with crown ethers. <i>Thermochimica Acta</i> , 2004 , 421, 31-33	2.9	8
78	Thermodynamics of complex formation of natural iron(III)porphyrins with neutral ligands. <i>Thermochimica Acta</i> , 2003 , 404, 19-24	2.9	8
77	Effect of molecular complex formation of metallophthalocyanines with pyridine on their aggregation. <i>Journal of Porphyrins and Phthalocyanines</i> , 2005 , 09, 240-247	1.8	8
76	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	2.2	8
75	Interaction between albumin and zinc tetra-4-[(4-carboxy)phenylamino]phthalocyanine. <i>Mendeleev Communications</i> , 2015 , 25, 307-309	1.9	7
74	Interaction peculiarities of 5,10,15,20-tetrakis(4-N-methylpyridil) tetra iodide porphyrin with albumin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 118, 395-8	4.4	7
73	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	1.8	7
72	Thermooxidative decomposition of heterocyclic N-oxides. <i>Russian Journal of General Chemistry</i> , 2007 , 77, 1093-1099	0.7	7
71	Thermodynamics of Complexation of Sucrose with 18-Crown-6 in Water. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2002 , 28, 822-824	1.6	7
70	Formation of bovine serum albumin associates with zinc tetra(4,4'-carboxy)phenylamino- and tetra-(4,4'-carboxy)phenoxy phthalocyanines in aqueous-organic solutions at 298 K. <i>Russian Journal of Physical Chemistry A</i> , 2013 , 87, 2030-2033	0.7	6
69	Kinetics of thermal oxidative decomposition of zinc porphyrin and phthalocyanine complexes. <i>Russian Journal of General Chemistry</i> , 2007 , 77, 629-640	0.7	6
68	Association of Zn(II)tetra-4-carboxyphthalocyanine in aqueous solutions. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2003 , 94, 924-927	0.7	6
67	Co-aggregation of fullerene C60 and thiophene in the non-aromatic solvent cyclohexene. <i>Thermochimica Acta</i> , 2005 , 430, 167-171	2.9	6
66	Titration Calorimetric Investigations on the Interactions of Zn(II) Porphyrin Complexes with Pyridine in Benzene and Chloroform at 298.15 K. <i>Magyar Árvad Kémények</i> , 1999 , 58, 741-748	0	6
65	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	4.6	6
64	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	1.7	5
63	A pH-controllable protein container for the delivery of hydrophobic porphyrins. <i>Mendeleev Communications</i> , 2017 , 27, 47-49	1.9	5

62	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	4.1	5
61	Basicity parameter of weak organic bases, derived from thermodynamic parameters of their reactions with (tetraphenylporphyrinato)zinc(II). <i>Russian Journal of Organic Chemistry</i> , 2004 , 40, 1727-1736	0.7	5
60	Molecular Complexes of Phthalocyanine with Organic Solvents. <i>Russian Journal of Organic Chemistry</i> , 2002 , 38, 1195-1199	0.7	5
59	Complex Formation of Magnesium(II) with Octaaryl tetraazaporphyrins in Pyridine. <i>Russian Journal of General Chemistry</i> , 2001 , 71, 1058-1065	0.7	5
58	Modeling the binding of protoporphyrin IX, verteporfin, and chlorin e6 to SARS-CoV-2 proteins. <i>Chemistry of Heterocyclic Compounds</i> , 2021 , 57, 1-9	1.4	5
57	Development and certification of an automated differential titration photocalorimeter. <i>Russian Journal of Physical Chemistry A</i> , 2015 , 89, 724-728	0.7	4
56	Albumin aggregation promoted by protoporphyrin in vitro. <i>Mendeleev Communications</i> , 2020 , 30, 211-213	0.9	4
55	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	4	4
54	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	1.7	4
53	Features of βitosan interaction with copper(II) and cobalt(II) tetrasulfophthalocyanines. <i>Russian Journal of General Chemistry</i> , 2017 , 87, 2327-2331	0.7	4
52	Thermogravimetry of complexes of zinc(II)tetra-tert-butylphthalocyanine with aromatic molecules. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007 , 87, 437-440	4.1	4
51	Effect of the Type of Glycosidic Linkage on the Selective Interactions of Maltose and Cellobiose with Some Crown Ethers in Dilute Aqueous Solutions. <i>Journal of Solution Chemistry</i> , 2007 , 36, 97-105	1.8	4
50	Thermodynamic properties for intermolecular complexes of zinc(II)tetra-tert-butyl-phthalocyanine with ligands. <i>Journal of Chemical Thermodynamics</i> , 2006 , 38, 165-172	2.9	4
49	Crystallosolvates of Zn(II)-tetra-tert-butylphthalocyanine with organic ligands: spectroscopic and thermogravimetric studies. <i>Journal of Porphyrins and Phthalocyanines</i> , 2003 , 07, 558-564	1.8	4
48	On the Nature of Interaction Between Fullerene and Aniline. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2004 , 12, 583-592	1.8	4
47	Interaction of Zinc(II) tetra-tert-butyl-phthalocyaninate with organic ligands in solution. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2005 , 31, 108-114	1.6	4
46	Theoretical and experimental study of interaction of macroheterocyclic compounds with ORF3a of SARS-CoV-2. <i>Scientific Reports</i> , 2021 , 11, 19481	4.9	4
45	Acrylamide polymers with covalently linked zinc(ii)tetraphenylporphyrin groups: synthesis and complexation with amino acids. <i>Mendeleev Communications</i> , 2018 , 28, 158-160	1.9	3

44	Thermochemical research of chitosan complexes with sulfonated metallophthalocyanines. <i>International Journal of Biological Macromolecules</i> , 2019 , 137, 1153-1160	7.9	3
43	Thermal behavior of quinoline N-oxide hydrates and deuterohydrate. <i>Russian Journal of General Chemistry</i> , 2009 , 79, 1183-1190	0.7	3
42	Interaction Between Poly-N-Vinylpyrrolidone, 5,10,15,20-Tetraphenylporphyrin and 5,10,15,20-Tetra(4'-Hydroxy-3',5'-Di-Tert-Butylphenyl)-21h,23h-Porphyrin. <i>Journal of Solution Chemistry</i> , 2010 , 39, 1113-1121	1.8	3
41	Thermal and spectral analyses of complexes of zinc(II)tetra-tertbutylphthalocyanine with amines. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007 , 59, 71-80		3
40	Thermogravimetric and spectral studies of the reaction between benzotriazolyl derivatives of phthalodinitriles and copper(II) acetate. <i>Russian Journal of Physical Chemistry A</i> , 2008 , 82, 1847-1850	0.7	3
39	Thermal oxidative destruction of cobalt(II)phthalocyanines with oxygen containing substituents. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005 , 81, 451-455	4.1	3
38	Complexation of D-Xylose and L-Arabinose with 18-Crown-6 in Aqueous Solutions: Calorimetric, Densimetric, and Viscometric Studies. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2005 , 31, 899-903	1.6	3
37	Thermodynamics of Formation of Molecular Synthetic Metalloporphyrin Complexes with Pyridine in Benzene and in Chloroform at 298.15 K. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2001 , 27, 751-755	1.6	3
36	Thermochemical Insights into Fullerene Aggregation and the Phthalocyanine-Fullerene Interaction in Efficient Solvents. <i>ChemPhysChem</i> , 2018 , 19, 284-290	3.2	3
35	Photoisomerization of Styryl Derivatives of Pyridine N-Oxide. <i>Russian Journal of Physical Chemistry A</i> , 2018 , 92, 804-808	0.7	2
34	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	1	2
33	Crystal structure of molecular complexes of zinc(II) tetraphenylporphyrin with pyridine and quinoline N-oxides. <i>Russian Journal of General Chemistry</i> , 2015 , 85, 906-910	0.7	2
32	Spectroscopic studies of zinc(II)tetraphenylporphyrin molecular complex with 1,4-dioxane. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008 , 70, 939-42	4.4	2
31	meso-tetraalkyltetrabenzoporphyrins and their zinc complexes. Synthesis and properties. <i>Russian Journal of General Chemistry</i> , 2008 , 78, 1255-1259	0.7	2
30	Desolvation of Zinc(II)tetra-tert-butylphthalocyanine Crystal Solvates as Probed by Thermogravimetry. <i>Russian Journal of Inorganic Chemistry</i> , 2008 , 53, 261-267	1.5	2
29	Coordination ability of zinc(ii) porphyrins with respect to electron-donating ligands. Influence of the structure and solvation effects. <i>Russian Chemical Bulletin</i> , 2004 , 53, 330-334	1.7	2
28	Aggregative Properties of Water-soluble Metal Phthalocyanines in a Borate Buffer Solution. <i>Russian Journal of General Chemistry</i> , 2005 , 75, 645-650	0.7	2
27	Thermodynamic Aspects of Binding Proteins with Porphyrins. Spectral and Thermochemical Approaches. <i>Macroheterocycles</i> , 2017 , 10, 37-42	2.2	2

26	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	0.7	1
25	Comparison of the complexing ability of zinc (II) porphyrins to diamines. <i>Journal of Molecular Liquids</i> , 2019 , 288, 111024	6	1
24	Effect of pH on Albumin Binding with Hydrophobic Porphyrins. <i>Russian Journal of General Chemistry</i> , 2019 , 89, 565-569	0.7	1
23	Thermodynamic characteristics of the formation of a zinc(II) tetraphenylporphyrin complex with aromatic amines. <i>Russian Journal of Physical Chemistry A</i> , 2015 , 89, 737-740	0.7	1
22	Effect of macrocyclic compounds to protein aggregation. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2019 , 95, 199-206	1.7	1
21	Thermo-oxidative degradation of styryl derivatives of pyridine-N-oxides. <i>Russian Journal of General Chemistry</i> , 2014 , 84, 2107-2113	0.7	1
20	Photoinduced isomerization of 4-(4?-dimethylaminostyryl) pyridine N-oxide. <i>Journal of Structural Chemistry</i> , 2009 , 50, 722-726	0.9	1
19	Topography and electrical conductivity of films of molecular complexes of zinc(II)tetra-tert-butylphthalocyanine with electron-donating ligands. <i>Journal of Porphyrins and Phthalocyanines</i> , 2008 , 12, 1118-1122	1.8	1
18	Interaction of zinc(II) tetra-tert-butyl-phthalocyaninate with organic ligands in solution. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2004 , 30, 864-867	1.6	1
17	Thermodynamics of Donor-Acceptor Interaction of Tetraphenylporphyrinatozinc with Amides and Dimethyl Sulfoxide. <i>Russian Journal of General Chemistry</i> , 2003 , 73, 968-972	0.7	1
16	Complexation processes in KF-SbF ₃ -H ₂ O system studied by calorimetric titration. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2005 , 31, 156-158	1.6	1
15	Thermodynamics of Formation of Molecular Complexes of Metalloporphyrins with Pyridine in Organic Solvents at 298.15 K. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2001 , 27, 167-171	1.6	1
14	Thermodynamics of intermolecular interactions between saccharides and 18-crown-6 in water. <i>Mendeleev Communications</i> , 2002 , 12, 80	1.9	1
13	Aggregation of protein complexes with porphyrins under light irradiation. <i>Journal of Porphyrins and Phthalocyanines</i> , 2021 , 25, 145-152	1.8	1
12	Chitosans: Thermochemical Study. <i>Russian Journal of General Chemistry</i> , 2019 , 89, 2432-2437	0.7	1
11	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	4.4	1
10	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	3.2	0
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	6	0

- 8 Complexing Ability of Heterocyclic N-Oxides Toward Proton Donor Compounds. *Russian Journal of General Chemistry*, **2019**, 89, 1409-1414 0.7
- 7 The Condition of Metal Complexes of Tetraanthraquinoneporphyrazines in Solutions. *Russian Journal of General Chemistry*, **2019**, 89, 619-625 0.7
- 6 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 4.4
- 5 Intermolecular interactions of tetraphenyl-porphyrin and its pyridine metallocomplexes in the crystalline state. *Journal of Structural Chemistry*, **2009**, 50, 769-774 0.9
- 4 Crystal solvates of carboxy-substituted Zn(II) phthalocyaninates with pyridine. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2006**, 32, 740-743 1.6
- 3 Complex formation between hemin and pyridine and its influence on the state of hemin in water-pyridine solutions. *Russian Journal of Physical Chemistry A*, **2006**, 80, 1255-1258 0.7
- 2 Localization of porphyrins and their metal complexes in albumin and its effect on protein aggregation and denaturation. *Journal of Molecular Structure*, **2022**, 1254, 132304 3.4
- 1 Kinetic analysis of the thermal oxidative degradation of upper peat. *Russian Journal of General Chemistry*, **2016**, 86, 434-438 0.7