Dmitriy B Berezin

List of Publications by Year
in descending order

76	657	759190 12	677123 22
papers	citations	h-index	g-index

76	76	76	481
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The effect of molecular structure of chlorin photosensitizers on photo-bleaching of 1,3-diphenylisobenzofuranâ€"the possible evidence of iodine reactive species formation. Comptes Rendus Chimie, 2022, 25, 97-102.	0.5	5
2	Transurethral Resection of Non-Muscle Invasive Bladder Tumors Combined with Fluorescence Diagnosis and Photodynamic Therapy with Chlorin e6-Type Photosensitizers. Journal of Clinical Medicine, 2022, 11, 233.	2.4	16
3	Solvation, Cancer Cell Photoinactivation and the Interaction of Chlorin Photosensitizers with a Potential Passive Carrier Non-Ionic Surfactant Tween 80. International Journal of Molecular Sciences, 2022, 23, 5294.	4.1	13
4	ÐÐžÐ›Ð¬ ÐÐÐ¢ÐÐžÐŸÐ¯Ð™ÐÐžÐ“Ðž ÐÐÐšÐ¢ÐžÐÐ•Ð' ÐšÐ¯ÐÐ•Ð¢Ð¯Ð• ÐšÐžÐœÐŸÐ›Ð•ÐžÐ‘ÐÐ—ÐžÐ'ÐÐ¯ÐÐ•ÐŸÐ›Ð	0.0	0
5	THE ROLE OF THE ENTROPY FACTOR IN THE KINETICS OF COMPLEX FORMATION OF NON-PLANAR PORPHYRINS WITH LOCALIZED AND DELOCALIZED NH BONDS. Ot Himii K Tehnologii Å¡ag Za Å¡agom, 2022, 3, 113-122.	0.0	0
6	Interaction of cationic chlorin photosensitizers with non-ionic surfactant Tween 80. Mendeleev Communications, 2021, 31, 65-67.	1.6	13
7	AGGREGATION OF HYDROPHOBIC CHLORINS WITH FRAGMENTS OF ANTIMICROBIAL DRUGS IN AQUEOUS SOLUTIONS OF ETHANOL AND TWEEN 80. ChemChemTech, 2021, 64, 86-96.	0.3	7
8	H-BOUNDED MOLECULAR COMPLEXES OF PHENYL-SUBSTITUTED PORPHYRINOIDS WITH ELECTRON DONORS. ChemChemTech, 2021, 64, 29-39.	0.3	1
9	Synthesis and investigation of novel chlorin sensitizers containing the myristic acid residue for antimicrobial photodynamic therapy. Dyes and Pigments, 2020, 173, 107948.	3.7	35
10	Selective binding of a bioactive porphyrin-based photosensitizer to the G-quadruplex from the KRAS oncogene promoter. International Journal of Biological Macromolecules, 2020, 145, 244-251.	7.5	33
11	Aggregation of water soluble octaanionic phthalocyanines and their photoinactivation antimicrobial effect in vitro. Mendeleev Communications, 2020, 30, 621-623.	1.6	16
12	Spectral and Quantum-Chemical Study of Basicity of Phenyl-Substituted Porphyrinoids. Russian Journal of General Chemistry, 2020, 90, 977-986.	0.8	1
13	Macroheterocyclic Compounds - a Key Building Block in New Functional Materials and Molecular Devices. Macroheterocycles, 2020, 13, 311-467.	0.5	91
14	ÐšÐžÐÐžÐ›Ð« ÐšÐÐš ÐÐžÐœÐÐ¢Ð¯Ð§Ð•Ð¡ÐšÐ¯Ð• ÐÐÐ›ÐžÐ“Ðž ÐšÐžÐÐ¯Ð¢ÐÐžÐ"ÐžÐ' Ð¯ Ð'Ð¯Ð¢ÐÐœÐ¯ÐÐ•Ð¯12: Ð¡Ð¯ÐÐ¢Ð•Ð	0.0	0
15	Aggregation of Cationic Chlorin e6 Derivatives in Water and Aqueous Solutions of Polyvinilpyrrolidone. Journal of Structural Chemistry, 2019, 60, 443-448.	1.0	13
16	The behavior of monocationic chlorin in water and aqueous solutions of non-ionic surfactant Tween 80 and potassium iodide. Journal of Molecular Liquids, 2019, 283, 532-536.	4.9	20
17	The energetics of solvation and ion-ion interactions in prospidium chloride aqueous solutions. Journal of Molecular Liquids, 2018, 263, 49-52.	4.9	3
18	Synthesis and investigation of water-soluble chlorophyll pigments for antimicrobial photodynamic therapy. Dyes and Pigments, 2018, 149, 553-559.	3.7	46

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19	Effect of the Medium on Fluorescence Parameters and Photostability of Porphyrins of Different Structure. Russian Journal of General Chemistry, 2018, 88, 2096-2102.	0.8	0
20	Association of hydrophilic derivatives of chlorophyll a in ethanolâ€“water and ethanolâ€“waterâ€“solubilizer systems. Russian Chemical Bulletin, 2018, 67, 1273-1279.	1.5	12
21	Enthalpies and heat capacities of solution of methylpheophorbide, dioxidine and their conjugate in DMF at 298-318 K. Thermochimica Acta, 2018, 669, 169-172.	2.7	4
22	Modern Trends of Organic Chemistry in Russian Universities. Russian Journal of Organic Chemistry, 2018, 54, 157-371.	0.8	68
23	Photostability and fluorescence parameters of porphyrinoids: The effect of the macrocycle structure and the medium. Russian Journal of General Chemistry, 2017, 87, 979-984.	0.8	3
24	Thermal stability of chlorophyll a derivatives containing hydrophilic groups. Russian Journal of General Chemistry, 2017, 87, 1557-1561.	0.8	6
25	Nucleophilic substitution in 4-bromo-5-nitrophthalodinitrile: XV. Synthesis of bis-4,5-(phenylsulfanyl)phthalonitrile, octakis-4,5-(phenylsulfanyl)phthalocyanines, and their sulfo and alkylsulfamoyl derivatives. Russian Journal of General Chemistry, 2017, 87, 1562-1571.	0.8	2
26	Partition of methylpheophorbide a , dioxidine and their conjugate in the 1-octanol/phosphate saline buffer biphasic system. Journal of Chemical Thermodynamics, 2017, 115, 302-306.	2.0	15
27	Synthesis and redox characteristics of iron complexes with triphenylsubstituted corrols in the presence of argon and oxygen. Russian Journal of Inorganic Chemistry, 2017, 62, 1619-1623.	1.3	0
28	Synthesis, stability, and electrocatalysis by Cu(II) and Zn(II) complexes of meso-bridged isomeric porphyrinoid tetraphenylporphycene. Russian Journal of Inorganic Chemistry, 2017, 62, 688-694.	1.3	3
29	Solid State Physicochemical Study of Chlorophyll a Derivatives and Their Glycol Conjugates. Macroheterocycles, 2017, 10, 72-76.	0.5	4
30	Synthesis, Spectral, Luminescence and Photochemical Properties of the Chlorin Đµ6 Tricationic Derivative with Trimethylammonio Groups. Macroheterocycles, 2017, 10, 295-300.	0.5	5
31	Spectral parameters of derivatives of methylpheophorbide a and chlorin e 6, and their complex formation with Cu(II): The effects of structural fragments of the molecules and the solvent nature. Russian Journal of General Chemistry, 2016, 86, 1671-1678.	0.8	0
32	Solvent-dependent tautomerism of the inverted isomer of meso-tetraphenylporphine: Effect of the polarity of the medium. Russian Journal of Physical Chemistry A, 2016, 90, 1948-1955.	0.6	4
33	Thermal stability of meso-substituted metal corroles in inert and oxidative media. Russian Journal of Physical Chemistry A, 2016, 90, 517-521.	0.6	0
34	Formation and Study of Nanostructured M-Monolayers and LS-Films of Triphenylcorrole. Macroheterocycles, 2016, 9, 73-79.	0.5	8
35	Solubility and Thermodynamics of Dissolution of 13,17-Di-N-(2-aminoethyl)amide of Deuteroporphyrin-IX in Aqueous HCl and Tetraoxalate Buffer at 288-328 K. Macroheterocycles, 2016, 9, 373-377.	0.5	4
36	Blood porphyrins in binary mixtures of N,N-dimethylformamide with 1-octanol and chloroform: The energetics of solvation, (solute+cosolvent) interactions and model calculations. Journal of Chemical Thermodynamics, 2015, 83, 104-109.	2.0	11

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37	Thermodynamics of solution of proto- and mezoporphyrins in N,N-dimethylformamide. Journal of Chemical Thermodynamics, 2015, 89, 123-126.	2.0	10
38	Synthesis and physico-chemical properties of 2,7,12,17-tetraphenylporphycene and its metal complexes. Russian Journal of General Chemistry, 2015, 85, 1876-1884.	0.8	5
39	Synthesis, chemical stability, and electrocatalytic properties of zinc(II) and cobalt(II) complexes of N-methyltetraphenylporphine. Russian Journal of Inorganic Chemistry, 2015, 60, 1267-1274.	1.3	3
40	The Synthesis and Singlet Oxygen Generation Study of 13(1)-N-Piperazinyl Chlorin e6-15(2),17(3)-Dimethyl Ester. Macroheterocycles, 2015, 8, 384-388.	0.5	5
41	Structure of porphyrin H-associates, inverted porphyrinoids, and corroles with N,N-dimethylformamide. Journal of Structural Chemistry, 2014, 55, 822-830.	1.0	9
42	Kinetic stability of corrole complexes with manganese, copper, and zinc in environments based on acetic and sulfuric acids. Russian Journal of Inorganic Chemistry, 2014, 59, 1522-1529.	1.3	7
43	synthesis and properties of Î²-brominated metal complexes of meso-triphenylcorrole. Russian Journal of General Chemistry, 2014, 84, 737-744.	0.8	4
44	Features of the solvation of meso-triphenylcorrole in organic solvents according to calorimetry. Russian Journal of Physical Chemistry A, 2013, 87, 593-597.	0.6	3
45	Synthesis and properties of FeIII complexes with deuteroporphyrin and hematoporphyrin. Russian Journal of General Chemistry, 2013, 83, 106-109.	0.8	1
46	Metal exchange in cadmium porphyrins with spatially shielded coordination centers. Russian Journal of Inorganic Chemistry, 2013, 58, 1052-1057.	1.3	1
47	Electrochemical and electrocatalytic properties of meso-triphenylcorrole and its complexes with Mn(III), Co(III), Cu(III), and Zn(II). Russian Journal of Electrochemistry, 2012, 48, 905-910.	0.9	9
48	Blood group porphyrins in lipid-protein model systems: Preferential solvation of hematoporphyrin in 1-octanol-N,N-dimethylformamide mixtures. Doklady Physical Chemistry, 2012, 445, 109-111.	0.9	3
49	Kinetic control of the transmetalation of labile metalloporphyrins in individual and mixed solvents. Russian Journal of Inorganic Chemistry, 2012, 57, 744-750.	1.3	6
50	Thermochemistry of ethyl acetate solvation in the 1-octanol-N,N-dimethylformamide system. Russian Journal of Physical Chemistry A, 2011, 85, 1903-1907.	0.6	7
51	Thermal stability of porphyrins with chemicaly active NH bond and their associates with electron-donor solvents. Russian Journal of Physical Chemistry A, 2011, 85, 2171-2176.	0.6	12
52	Metal exchange reactions in cadmium complexes with porphyrins of various structures. Russian Journal of General Chemistry, 2010, 80, 518-526.	0.8	8
53	Effect of the type of molecular nonplanar structure on the chemical reactivity of NH bonds in the coordination center of porphyrin molecule. Russian Journal of General Chemistry, 2009, 79, 845-851.	0.8	2
54	Ligand trans-effect in octahedral complexes of 3d metals and its manifestation in the synthesis of metalloporphyrins in solution. Russian Journal of Inorganic Chemistry, 2009, 54, 1090-1094.	1.3	1

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55	The thermochemical characteristics and kinetics of complex formation for porphyrins with a nonplanar macroring structure. Russian Journal of Physical Chemistry A, 2009, 83, 717-723.	0.6	1
56	The influence of the macroring structure on the solvation of nonplanar porphyrins in organic solvents. Russian Journal of Physical Chemistry A, 2009, 83, 1315-1320.	0.6	5
57	Interaction of Porphyrins and Porphyrin Analogs with Coordinating Organic Solvents. Macroheterocycles, 2009, 2, 42-51.	0.5	11
58	Effect of ligand nonplanarity and solvent nature on the kinetic stability of zinc porphyrin complexes. Russian Journal of General Chemistry, 2008, 78, 997-1004.	0.8	7
59	The acid properties of dodecasubstituted porphyrins with a chemically active NH bond. Russian Journal of Physical Chemistry A, 2007, 81, 1986-1991.	0.6	18
60	Criterion for estimate of NH bonds in porphyrin molecules. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2007, 33, 466-470.	1.0	11
61	On the probable mechanism of the complex formation reaction of metal salts with the Î²-substituted corroles. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2007, 33, 857-864.	1.0	1
62	Trans-effect in the kinetics of reactions of mixed Cu(II) acetate solvates with N-methyloctaethylporphine. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 534-537.	1.0	1
63	Stability of nonplanar N-methylporphyrins and their zinc complexes. Russian Journal of General Chemistry, 2006, 76, 482-487.	0.8	1
64	NH-acid properties of porphyrins in acetonitrile. Russian Journal of General Chemistry, 2006, 76, 997-1002.	0.8	4
65	Effects of the ligand structure and electronic properties of the central atom on the kinetics of complex formation of N-methyloctaethylporphyrine with solvate complexes in binary solvents. Russian Journal of General Chemistry, 2006, 76, 1668-1672.	0.8	0
66	Reactivity of 3d-metal salt solvates in reactions with porphyrins: Influence of the trans effect. Russian Journal of Inorganic Chemistry, 2006, 51, 1728-1734.	1.3	3
67	Specific Features of Solvation and Chromophore Properties of Some meso-Substituted Porphyrins. Russian Journal of General Chemistry, 2005, 75, 807-810.	0.8	2
68	The photophysical and metal coordination properties of the N-CH3 substituted porphyrins: H(N-CH3) TPP vs H(N-CH3)OEP. Journal of Porphyrins and Phthalocyanines, 2005, 09, 59-67.	0.8	14
69	Complexation of Tetraphenyltetrabenzoporphine with Cu(II), Cd(II), Zn(II), and Co(II) Salts in Organic Solvents. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2004, 30, 573-578.	1.0	1
70	Trans-Effect in Kinetics of Reactions of Mixed Solvates of Cu(II) Acetate with Tetraphenyltetrabenzoporphine in Organic Solvents. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2004, 30, 579-583.	1.0	0
71	Electronic and Steric Effects of Substituents in Solution and Solvation of Forcedly Distorted Porphyrins. Russian Journal of General Chemistry, 2004, 74, 460-464.	0.8	3
72	Title is missing!. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2003, 29, 535-539.	1.0	4

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73	Coordination of N-Substituted Porphyrins with Simple and Chelate Zinc Salts in DMSO. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2002, 28, 325-332.	1.0	6
74	Features of complexation of N-methyl-5,10,15,20-tetraphenylporphyrin with zinc dithizonate in DMSO. Journal of Molecular Liquids, 2001, 91, 185-188.	4.9	0
75	Spectral and Solvation Properties of Some Dipyrromethene Hydrobromides and Their Oxa- and Thia-Analoges. Molecules, 2000, 5, 809-815.	3.8	5
76	<title>Gd-meso-tetraphenylporphyrins: synthesis, encapsulation into liposomes, and characterization of the resulting preparations</title>. , 1997, 3191, 359.		1