Tatyana Lomova

List of Publications by Citations

128 papers	796 citations	12 h-index	20 g-index
139 ext. papers	908 ext. citations	1.5 avg, IF	4.49 L-index

#	Paper	IF	Citations
128	Porphyrin Complexes with p, d, and fMetals in High Oxidation States: Structures, Electronic Absorption, and IR Spectra. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2001**, 27, 85-104	1.6	47
127	Macroheterocyclic Compounds - a Key Building Block in New Functional Materials and Molecular Devices. *Macroheterocycles*, **2020**, 13, 311-467	2.2	36
126	Self-assembled cobalt(II)porphyrin□ulleropyrrolidine triads via axial coordination with photoinduced electron transfer. *New Journal of Chemistry*, **2018**, 42, 12449-12456	3.6	22
125	Synthesis and properties of the novel (tetraazaporphinato)/(phthalocyaninato) manganese(III) □ Pyridyl-substituted [60]fulleropyrrolidine dyads assembled through donor□cceptor bonding. *Dyes and Pigments*, **2018**, 153, 225-232	4.6	21
124	New soluble octakis-substituted Co(II) phthalocyanines: Synthesis, spectra, supramolecular chemistry. *Dyes and Pigments*, **2016**, 128, 263-270	4.6	20
123	Kinetics of Mn(III)tetraazaporphyrin/C60-pyridyl supramolecular system formation. *Tetrahedron*, **2015**, 71, 6659-6664	2.4	17
122	Synthesis and properties of a novel porphyrin□ullerene triad assembled through donor□cceptor bonding. *Mendeleev Communications*, **2018**, 28, 426-428	1.9	17
121	Cobalt(II) porphyrin axially coordinated with 2?-(pyridin-4-yl)-5?-(pyridin-2-yl)-1?-(pyridin-2-ylmethyl)-2?,4?-dihydro-1?H-pyrrolo[3?,4? : 1,2](C60-Ih)[5,6]fullerene: formation, chemical structure, and spectroscopic properties. *Journal of Coordination Chemistry*, **2017**, 70, 2371-2383	1.6	16
120	Effects of a Central Atom and Peripheral Substituents on Photoinduced Electron Transfer in the Phthalocyanine□ullerene Donor□Acceptor Solution-Processable Dyads. *Journal of Physical Chemistry C*, **2020**, 124, 4010-4023	3.8	16
119	Formation Reaction and Chemical Structure of a Novel Supramolecular Triad Based on Cobalt(II) 5,10,15,20-(Tetra-4-Tert-Butylphenyl)-21□23□Porphyrin and 1-Methyl-2-(Pyridin-4?-Yl)-3,4-Fullero[60]Pyrrolidine. *Journal of Structural Chemistry*, **2018**, 59, 711-719	0.9	15
118	Synthesis and Characterization of Some Five-Coordinated Tetraazaporphyrin and Phthalocyanine Manganese(III) Complexes. *Macroheterocycles*, **2010**, 3, 63-67	2.2	15
117	Synthesis and properties of a new (octaethylporphyrinato)-manganese(III)□yridinyl-substituted pyrrolidinofullerene dyad. *Russian Journal of Organic Chemistry*, **2016**, 52, 1503-1508	0.7	14
116	New dyads based on trifluoromethylated phthalocyanine derivatives and substituted fullerene with possible application photoinduced electron transfer. *Journal of Fluorine Chemistry*, **2019**, 224, 113-120	2.1	12
115	Synthesis and spectroscopic characterization of super-stable rhenium(V)porphyrins. *Journal of Molecular Structure*, **2014**, 1061, 82-89	3.4	12
114	Coordination of 5,10,15,20-tetraphenyl-21H,23H-porphin by rhenium in various oxidation states. *Russian Journal of Inorganic Chemistry*, **2012**, 57, 1295-1301	1.5	12
113	Phthalocyanine-based molecular paramagnets. Effect of double-decker structure on magnetothermal properties of gadolinium complexes. *Journal of Organometallic Chemistry*, **2016**, 819, 209-215	2.3	12
112	Central atom/substituent effects onmagnetothermal properties of metal porphyrins in aqueous suspension. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2014**, 186, 54-63	3.1	11

111	Mutual Influence of Ligands and Reactivity of Gd and Dy Acidophthalocyaninate Complexes. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2004**, 30, 660-664	1.6	11
110	Ruthenium(IV) and Osmium(II) Tetraphenylporphine Complexes: Synthesis and Oxidation Reactions. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2003**, 29, 564-568	1.6	11
109	Formation Reaction, Spectroscopy, and Photoelectrochemistry of the Donor–Acceptor Complex (5,10,15,20-Tetraphenyl-21,23H-porphinato)cobalt(II) with Pyridyl-Substituted Fullero[60]pyrrolidine. *Russian Journal of Inorganic Chemistry*, **2019**, 64, 605-614	1.5	10
108	Magnetocaloric properties of manganese(III) porphyrins bearing 2,6-di-tert-butylphenol groups. *Journal of Magnetism and Magnetic Materials*, **2016**, 401, 86-90	2.8	10
107	Novel 2?-(pyridin-4-yl)-5?-(pyridin-2-yl)-1?-(pyridin-2-yl)methylpyrrolidinyl[60]fullerene-hydroxyoxo(5,10,15,20-tetraphenyl-21H, molybdenum(V) dyads. *Russian Journal of General Chemistry*, **2014**, 84, 946-952	0.7	10
106	The state of 5,10,15,20-tetraphenyl-21H,23H-porphine rhenium(V) complexes in solutions of acids. *Russian Journal of Inorganic Chemistry*, **2013**, 58, 1366-1373	1.5	10
105	The magnetocaloric effect and the heat capacity of aqueous suspensions of porphyrin complexes of rare earth elements according to microcalorimetric data. *Russian Journal of Physical Chemistry A*, **2012**, 86, 504-508	0.7	10
104	Structure-Stability Relationships of Phthalocyanine Copper Complexes. *Molecules*, **2000**, 5, 775-785	4.8	10
103	Regularities of Magnetocaloric Effect and Determination of Some Thermodynamic Parameters for (Octaethylporphynato)chloro-manganese(III). *Macroheterocycles*, **2008**, 1, 68-71	2.2	10
102	New paramagnets based on nanocarbon and cobalt(II)porphyrin: Magnetocaloric effect and specific heat capacity. *Synthetic Metals*, **2019**, 253, 116-121	3.6	9
101	Variations in functional substitution of the macroheterocycle and structure of stable rhenium(V) porphyrins. *Russian Journal of Organic Chemistry*, **2014**, 50, 1361-1368	0.7	9
100	The Hammett acidity function H0 in trifluoroacetic acid–dichloromethane mixtures. *Tetrahedron Letters*, **2014**, 55, 4325-4327	2	9
99	Effect of peripheral modification of manganese(III) porphyrazine on its reactivity in the coordination of imidazole. *Russian Journal of Organic Chemistry*, **2011**, 47, 1581-1587	0.7	9
98	Metalloporphyrin receptors for bases. *Russian Chemical Bulletin*, **2007**, 56, 660-679	1.7	9
97	Acid-base and coordination properties of some palladium(II)porphyrins. *Russian Journal of Inorganic Chemistry*, **2008**, 53, 1405-1410	1.5	9
96	New Donor-Acceptor Porphyrin-Fullerene Dyades. *Macroheterocycles*, **2013**, 6, 327-333	2.2	9
95	Thermodynamics of Supramolecule Formation between Metal Porphyrin and Pyridine Substituted N-Methylpyrrolidinyl-[60]fullerene. *Macroheterocycles*, **2009**, 2, 164-167	2.2	9
94	Porphyrin–Fullerene Dyad Based on Indium(III) Complex. Donor–Acceptor Complex Formation Equilibrium. *Russian Journal of Inorganic Chemistry*, **2018**, 63, 391-399	1.5	8

93	Synthesis and characterization of double and triple decker uranium porphyrins. *Mendeleev Communications*, **2003**, 13, 213-214	1.9	8
92	Thermodynamics and Kinetics of Reaction of (Oxo)(hydroxo)molybdenumtetraphenylporphyrin with Pyridine. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2005**, 31, 357-363	1.6	8
91	Spectral properties of supramolecular systems based on cobalt(II)/manganese(III) phthalocyanine and fullero[60]pyrrolidines with PET. *New Journal of Chemistry*, **2020**, 44, 11262-11270	3.6	7
90	One-pot synthesis of 5,10,15,20-tetraphenyl-21H,23H-porphyrin complexes with rhenium and iridium in various oxidation states. *Mendeleev Communications*, **2012**, 22, 196-198	1.9	7
89	Structural modification and kinetic stability of octaethylporphyne complexes with palladium (II). *Russian Journal of Physical Chemistry A*, **2011**, 85, 926-933	0.7	7
88	Magnetocaloric effect and heat capacity of high-spin manganese complexes in a disperse state. *Russian Journal of Physical Chemistry A*, **2010**, 84, 1631-1635	0.7	7
87	Super-stable metallotetraphenylporphyrins. *Mendeleev Communications*, **1997**, 7, 225-226	1.9	7
86	Reactivity of Al(III) complexes with substituted phthalocyanines. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2006**, 32, 155-165	1.6	7
85	Phthalocyaninato lanthanide(iii) acetates as a new class of molecular paramagnets with large magnetocaloric effect. *Mendeleev Communications*, **2016**, 26, 301-303	1.9	7
84	Complex Formation of Cobalt(II) Octakis(3,5-di-tert-butylphenoxy)phthalocyanine with 2?-(Pyridin-4-yl)-5?-(Pyridin-2-yl)-1?-(Pyridin-2-ylmethyl)-2?,4?-Dihydro-1?H-Pyrrolo[3?,4?:1,2][C60-Ih][5,6]fullerene. *Russian Journal of Inorganic Chemistry*, **2018**, 63, 1453-1460	1.5	7
83	Equilibria and Rates of Reactions between Organic N-Bases and Substituted Manganese Phthalocyanine. *Russian Journal of Physical Chemistry A*, **2019**, 93, 236-242	0.7	6
82	Mechanism of the Self-Assembly of Donor–Acceptor Triads Based on Cobalt(II) Porphyrin Complex and Fullero[60]pyrrolidine, According to Data Obtained by Spectroscopic and Electrochemical Means. *Russian Journal of Physical Chemistry A*, **2020**, 94, 1159-1166	0.7	6
81	Stepwise Mechanism of the Rhenium(V) Porphyrin Reaction with Pyridine, and the Chemical Structure of the Donor–Acceptor Complex. *Russian Journal of Physical Chemistry A*, **2019**, 93, 703-709	0.7	6
80	Kinetics of the single-electron chemical oxidation of rhenium(V) meso-phenyl-□octaethylporphyrinate. *Russian Journal of Physical Chemistry A*, **2014**, 88, 1719-1725	0.7	6
79	The magnetothermal properties of substituted (tetraazoporphynato)manganese(III) in aqueous suspension. *Russian Journal of Physical Chemistry A*, **2012**, 86, 1165-1170	0.7	6
78	5,15-bis(4?-methoxyphenyl)-3,7,13,17-tetramethyl-2,8,12,18-tetraethylporphin axial complexes of rhenium: Synthesis and reactions in protic solvents. *Russian Journal of Inorganic Chemistry*, **2017**, 62, 1576–1583	1.5	6
77	Magnetothermal properties of (octakis-trifluoromethylphenyltetraazaporphinato)manganese(III) acetate in aqueous suspension. *Journal of Porphyrins and Phthalocyanines*, **2015**, 19, 1262-1269	1.8	6
76	Synthesis and stability of bis(acetato)(5,10,15,20-tetraphenylporphyrinato)zirconium(IV). *Russian Journal of Inorganic Chemistry*, **2010**, 55, 640-645	1.5	6

75	Thiadiazoloporphyrinoids. Coordination of hexa(4-tert-butylphenyl)-substituted trithiadiazoltripyrrol macrocycle with Ni(II) in DMF. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2006**, 32, 837-840	1.6	6
74	Interaction of Silver(II) and Gold(III) meso-Tetraphenylporphine Complexes with Concentrated Sulfuric Acid. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2001**, 27, 433-438	1.6	6
73	Molecular paramagnets. The effect of structural modification on (porphyrinato) gadolinium(III) magnetothermal properties. *Synthetic Metals*, **2016**, 220, 502-507	3.6	6
72	Ion-molecular interactions in the metalloporphyrin-acid system in liquid solutions. *Journal of Structural Chemistry*, **2014**, 55, 180-190	0.9	5
71	Synthesis, structure, and reactions of iridium(I) complexes with 5,10,15,20-tetraphenyl-21H,23H-porphine and 5,10,15,20-tetraphenyl-21H,23H-porphine dianion. *Russian Journal of Inorganic Chemistry*, **2012**, 57, 197-204	1.5	5
70	Pyridine coordination to manganese(III) porphyrins: The effect of multiple functional substitution in porphyrin. *Russian Journal of Inorganic Chemistry*, **2017**, 62, 1483-1487	1.5	5
69	Properties of chemically generated Ђradical cations and molecules of (meso-phenyl-Ђbctaethylporphyrinato)rhenium(V) with axial molecular oxygen. *Russian Journal of Inorganic Chemistry*, **2014**, 59, 1445-1453	1.5	5
68	Hydroxyoxo(5,10,15,20-tetraphenylporphinato)tungsten(V) as a receptor for foodstuff and drug components. Thermodynamics of supramolecular complexation. *Russian Journal of Inorganic Chemistry*, **2010**, 55, 727-733	1.5	5
67	Formation of supramolecular complex between imidazole and dichloro(5,10,15,20-tetraphenylporphinato)zirconium(IV). *Russian Journal of General Chemistry*, **2010**, 80, 842-848	0.7	5
66	Porphyrin models of natural catalases. *Russian Chemical Bulletin*, **2007**, 56, 748-753	1.7	5
65	Synthesis and Reactivity of Porphyrin Complexes of Group IV p-Elements. *Russian Journal of General Chemistry*, **2002**, 72, 968-973	0.7	5
64	Generation, Spectral Properties and Stability of p-Cation Radicals of (5,10,15,20-Tetraphenylporphyrinato)(chloro)rhodium(III). *Macroheterocycles*, **2013**, 6, 144-151	2.2	5
63	Synthesis, Physicochemical Characterization and Pyridine Binding to (2,3,7,8,12,18-Hexamethyl-13,17-diethyl-5-(2-pyridylporphinato)cobalt(II). *Macroheterocycles*, **2018**, 11, 79-84	2.2	5
62	Chemical structure and reactions of axially coordinated iridium(III) porphyrins. *Russian Journal of Inorganic Chemistry*, **2015**, 60, 157-165	1.5	4
61	Protonation equilibria of (octakis(3-trifluoromethylphenyl)-, (3-trifluoromethylphenoxy)-, and (3,5-di-tert-butylphenoxy)phthalocyaninato) manganese(III) acetate. *Russian Journal of Physical Chemistry A*, **2015**, 89, 190-195	0.7	4
60	Use of chemical kinetics for the description of metal porphyrin reactivity. *Journal of Porphyrins and Phthalocyanines*, **2012**, 16, 1040-1054	1.8	4
59	A New Protonated form of Porphyrins in Solutions. *Mendeleev Communications*, **2012**, 22, 281-283	1.9	4
58	Study of complex formation between lead(II) acetate andmeso-tetraphenylporphin. *Russian Chemical Bulletin*, **1998**, 47, 1996-1999	1.7	4

57	Reactions of (Hydroxo)(tetrakis(3,5-dicarboxy)-and (Hydroxo)(tetrakis(4,5-dicarboxy)phthalocyaninato)aluminum(III) with Sulfuric Acid: Simulation and Kinetic Experiments. *Russian Journal of Inorganic Chemistry*, **2008**, 53, 220-228	1.5	4
56	The kinetics of disproportionation of hydrogen peroxide in the presence of palladium(II)porphyrins with regularly changing macroring structures. *Russian Journal of Physical Chemistry A*, **2008**, 82, 1086-1092	0.7	4
55	Effect of Successive Meso-Phenyl Substitution on the Dissociation Kinetics of Copper(II) Octaethylporphyrin. *Theoretical and Experimental Chemistry*, **2003**, 39, 309-315	1.3	4
54	Reactivity of Rare Earth Metal Porphyrins/Phthalocyanines in Acid Media. *Macroheterocycles*, **2015**, 8, 32-46	2.2	4
53	CHAPTER 20:New Nanoscaled Paramagnetic Complexes (NPCs) Based on Porphyrins/Phthalocyanines for Environmental Chemistry. *RSC Detection Science*,14-47	0.4	4
52	New Molecular Chemosensors Based on Niobium(V) 5,10,15,20-(Tetra-4-tert-butylphenyl)porphine for Detection of VOCs. *Russian Journal of Inorganic Chemistry*, **2019**, 64, 1538-1547	1.5	4
51	Chemical Structure of Pyridine Complexes Of Oxo(5,10,15,20-Tetraphenyl-21H,23H-Porphinato) Niobium(V) Chloride According to Formation Thermodynamics/Kinetics And Spectroscopy Data. *Journal of Structural Chemistry*, **2018**, 59, 1880-1890	0.9	4
50	Chemical composition of donor–acceptor complexes of hydroxyoxo(5,10,15,20-tetraphenylporphinato)molybdenum(V) with 3,5-dimethylpyrazole and equilibrium constants for their formation. *Russian Journal of Physical Chemistry A*, **2017**, 91, 2085-2091	0.7	3
49	Structure and stability of H+ associates of (5,10,15,20-tetraphenylporphinato)silver(II) in trifluoroacetic acid. *Russian Journal of Physical Chemistry A*, **2014**, 88, 1345-1350	0.7	3
48	The thermodynamic characteristics of step complex formation in the (5,10,15,20-tetraphenylporphyrinato)(chloro)indium(III)-pyridine-toluene system. *Russian Journal of Physical Chemistry A*, **2009**, 83, 913-920	0.7	3
47	The kinetics of complex formation in the trithiadiazoletri[3,4-di(4-tert-butylphenyl)-pyrrole] macrocycle-copper(II) acetate-DMFA-H2O system. *Russian Journal of Physical Chemistry A*, **2009**, 83, 1694-1700	0.7	3
46	Kinetics and mechanism of decomposition of hydrogen peroxide in the presence of manganese(III) porphyrins. *Russian Journal of General Chemistry*, **2010**, 80, 1011-1017	0.7	3
45	Effect of the Composition of the H2SO4-AcOH Binary Solvent on the Dissociation Kinetics of Metal Porphyrins. *Russian Journal of General Chemistry*, **2003**, 73, 1303-1308	0.7	3
44	Influence of the Structure of the Organic Moiety of Copper(II) Porphyrins on Their Reactivity toward Acids. *Russian Journal of General Chemistry*, **2005**, 75, 461-467	0.7	3
43	Carbazole-functionalized cobalt(II) porphyrin axially bonded with C60/C70 derivatives: synthesis and characterization. *New Journal of Chemistry*, **2021**, 45, 9053-9065	3.6	3
42	Dissociation of cerium(III) and neodymium(III) phthalocyanines. *Russian Journal of Physical Chemistry A*, **2015**, 89, 1178-1183	0.7	2
41	Kinetics of the chemical oxidation of (5,10,15,20-tetraphenyl-21H,23H-porphinato)(chloro)(aqua)iridium(III). *Russian Journal of Physical Chemistry A*, **2016**, 90, 37-42	0.7	2
40	Quantitative study of the quasiequilibrium in the system (hydroxo)oxo-(5,10,15,20-tetraphenylporphynato)-molybdenum(V)-piperidine in toluene medium. *Russian Journal of General Chemistry*, **2013**, 83, 1435-1443	0.7	2

39	Role of the central manganese(III) ion in the hydrogen peroxide oxidation mechanism of (2,3,7,8,12,13,17,18-octaalkyl-5(5,10)(5,15)-phenyl(diphenyl)porphinato)chloromanganese(III). *Russian Journal of Inorganic Chemistry*, **2011**, 56, 2001-2008	1.5	2
38	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. *Russian Journal of General Chemistry*, **2010**, 80, 341-350	0.7	2
37	Ligand substitution equilibrium in the macrocyclic molybdenum(V) complex. *Russian Journal of Inorganic Chemistry*, **2007**, 52, 394-397	1.5	2
36	Kinetics and mechanism of the reaction of manganese(III) octaethylporphine with hydrogen peroxide. *Russian Journal of General Chemistry*, **2007**, 77, 641-647	0.7	2
35	Structure and spectral properties of conjugated acids of substituted copper(II) phthalocyanines in a solution and gas phase. *Russian Journal of Inorganic Chemistry*, **2008**, 53, 1771-1777	1.5	2
34	Reactivity of mixed manganese complexes with porphyrins and anionic ligands. Effect of modification of the organic part of the molecule. *Russian Journal of Organic Chemistry*, **2006**, 42, 596-602	0.7	2
33	Direct Quantitative Estimation of the Macrocyclic Effect in the Dissociation of Protoporphyrin Complexes. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2002**, 28, 793-797	1.6	2
32	Reactions of (Hydroxo)aluminium(III)tetra(4-chloro)phthalocyanine in Sulfuric Acid. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2003**, 29, 540-544	1.6	2
31	Step Complex Formation in the Dichloro(5,10,15,20-tetraphenylporphinate)hafnium(IV)–Pyridine–Toluene System. *Russian Journal of Physical Chemistry A*, **2008**, 82, 576-582	0.7	2
30	Magnetocaloric behavior of REE porphyrin-based paramagnets at room temperature. *Journal of Porphyrins and Phthalocyanines*, **2019**, 23, 1110-1117	1.8	2
29	New Trends in the Direct Synthesis of Phthalocyanine/Porphyrin Complexes **2018**, 239-278		2
28	Synthesis and investigation of 2,8,12,18-tetrabutyl-3,7,13,17-tetramethyl-5,15-bis(2-thienyl)-21H,23H-porphin and its complexes with manganese (III) acetate and chloride. *Russian Journal of Organic Chemistry*, **2014**, 50, 285-290	0.7	1
27	Reactions of manganese(III) and copper(II) complexes with 3,7,12,18-tetramethyl-2,8,13,17-tetrabutylporphine in AcOH-H2SO4 mixed solvents. *Russian Journal of Inorganic Chemistry*, **2012**, 57, 462-469	1.5	1
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24	Axial ligands and (acido) (phthalocyaninato) lanthanides(III) stability on examples of erbium and lutetium. *Russian Journal of General Chemistry*, **2015**, 85, 915-921	0.7	1
23	Modifications in structure of palladium(II) porphinate as a method of regulating the catalysis of hydrogen peroxide decomposition. *Russian Journal of General Chemistry*, **2008**, 78, 2111-2117	0.7	1
22	Disproportionation of hydrogen peroxide in the presence of Mn(III) complexes with various porphyrins and acid anions. *Russian Journal of General Chemistry*, **2006**, 76, 1487-1493	0.7	1

21	Kinetics and mechanism of oxidation of manganese(III) acidoporphyrin complexes with hydrogen peroxide. *Russian Journal of Inorganic Chemistry*, **2006**, 51, 1820-1825	1.5	1
20	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
19	Unusual transformations of a manganese(III) porphyrin. *Mendeleev Communications*, **2002**, 12, 238-239	1.9	1
18	Recent progress in organometallic porphyrin-based molecular materials for optical sensing, light conversion, and magnetic cooling. *Applied Organometallic Chemistry*, **2021**, 35, e6254	3.1	1
17	Recent advances in the practical use of the redox properties of manganese porphyrins. *Journal of Organometallic Chemistry*, **2021**, 945, 121880	2.3	1
16	The first experimental evidence of room-temperature magnetocaloric effect in fullerenes. *Journal of Thermal Analysis and Calorimetry*, **2021**, 143, 3065-3071	4.1	1
15	Basicity of Highly Substituted β-Octaalkyl-meso-aryl- and -meso-thienyl Porphyrins. *Russian Journal of Organic Chemistry*, **2018**, 54, 1553-1558	0.7	1
14	Synthesis and Antimicrobial Activity of a Pyridine Complex of (Acetato)[5,10,15,20-tetrakis(N-methylpyridin- 4-yl)porphinato]manganese(III) Tetratosylate. *Russian Journal of General Chemistry*, **2018**, 88, 1657-1662	0.7	1
13	The donor-acceptor dyad based on high substituted fullero[70]pyrrolidine-coordinated manganese (III) phthalocyanine for photoinduced electron transfer. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 263, 120166	4.4	1
12	Novel fluorescence quenching triad based on molybdenum(V) tetra-p-tolylporphyrin and substituted fullero[60]pyrrolidine. *Journal of Porphyrins and Phthalocyanines*, **2020**, 24, 1224-1232	1.8	0
11	Modification of magnetocaloric properties upon a change in the spin state of iron(III) in tetrapyrrole paramagnets. *Synthetic Metals*, **2021**, 274, 116696	3.6	0
10	N Basicity of Substituted Fullero[60]/[70]pyrrolidines According to DFT/TD-DFT Calculations and Chemical Thermodynamics. *Journal of Physical Chemistry A*, **2021**, 125, 5365-5374	2.8	0
9	Bornane[2,3-b]pyrazino-fused [30]trithiadodecaazahexaphyrin. Synthesis, acid-base behavior and nickel(II) coordination ability. *Journal of Porphyrins and Phthalocyanines*, **2017**, 21, 135-143	1.8	
8	Synthesis and chemical stability of (5,15-bis(2-thienyl)- and 5,15-diphenyl-3,7,13,17-tetramethyl-2,8,12,18-tetra-n-butyl-21H,23H-porphinato)copper(II). *Russian Journal of Inorganic Chemistry*, **2014**, 59, 237-243	1.5	
7	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	
6	Mutual effects of equatorial and axial ligands on the stability of praseodymium(III) and samarium(III) phthalocyanine complexes. *Russian Journal of Inorganic Chemistry*, **2015**, 60, 1123-1128	1.5	
5	Thermodynamics and kinetics of the formation of the supramolecular complexes bisacetato(5,10,15,20-tetraphenylporphinate)zirconium(IV) with pyridine and imidazole. *Russian Journal of Physical Chemistry A*, **2010**, 84, 749-754	0.7	
4	Effect of Octabromo Substitution on the Coordination Properties of Manganese(III) Octaphenyltetraazaporphyrin. *Russian Journal of General Chemistry*, **2005**, 75, 975-979	0.7	

3	Thermodynamic Basicity Constants of Highly Substituted Manganese Porphyrazines and Their Connection to the Structure of Molecules. *Russian Journal of Physical Chemistry A*, **2021**, 95, 1791-1797	0.7
2	Generation and Spectral Properties of Oxidized Forms of Iridium and Rhenium Porphyrin Complexes. *Russian Journal of Inorganic Chemistry*, **2022**, 67, 338-349	1.5
1	Photoinduced Absorption Spectra of Donor–Acceptor Systems Based on Cobalt(II) and Manganese(III) Phthalocyanine Complexes with Femtosecond Time Resolution. *Russian Journal of Physical Chemistry A*, **2022**, 96, 717-723	0.7