Nugzar Z Mamardashvili

List of Publications by Year in Descending Order

186 papers	1,237 citations	17 h-index	28 g-index
202 ext. papers	1,433 ext. citations	1.7 avg, IF	4.54 L-index

#	Paper	IF	Citations
186	More Is Not Always Better: Local Models Provide Accurate Predictions of Spectral Properties of Porphyrins.. *International Journal of Molecular Sciences*, **2022**, 23,	6.3	3
185	Study of the Metal Exchange Reaction of Cadmium(II) 5,15-Dinitro-2,3,7,8,12,13,17,18-octaethylporphyrinate with d-Metal Salts in Organic Solvents. *Russian Journal of General Chemistry*, **2022**, 92, 256-260	0.7	
184	Synthesis, Structure, and Spectral Properties of Perhalogenated Metalloporphyrins. *Russian Journal of Inorganic Chemistry*, **2022**, 67, 267-275	1.5	
183	New Polyporphyrin Arrays with Controlled Fluorescence Obtained by Diaxial Sn(IV)-Porphyrin Phenolates Chelation with Cu Cation. *Polymers*, **2021**, 13,	4.5	4
182	Meso-nitro substitution as a means of Mn-octaethylporphyrin redox state controlling. *Journal of Organometallic Chemistry*, **2021**, 940, 121790	2.3	1
181	Molecular Recognition of Imidazole Derivatives by Co(III)-Porphyrinsin Phosphate Buffer (pH = 7.4) and Cetylpyridinium Chloride Containing Solutions. *Molecules*, **2021**, 26,	4.8	2
180	Macrocyclic Receptors for Identification and Selective Binding of Substrates of Different Nature. *Molecules*, **2021**, 26,	4.8	1
179	Metal Exchange Reactions of o,o?-Dihalosubstituted Cd(II) Tetraphenylporphyrinates with d-Metal Salts in DMF. *Russian Journal of General Chemistry*, **2021**, 91, 1526-1532	0.7	
178	Functional supramolecular systems: design and applications. *Russian Chemical Reviews*, **2021**, 90, 895-1167	6.8	15
177	Influence of progressive halogenation of Zn(II)-tetraarylporphyrins and their free bases on the structure and spectral-fluorescence properties of tetrapyrrolic macrocycle. *Inorganica Chimica Acta*, **2021**, 528, 120620	2.7	
176	Metal Exchange Reaction of Cd(II) 5,10,15,20-Tetra(4-chlorophenyl)porphyrinate with Copper and Zinc Chlorides in DMSO. *Russian Journal of General Chemistry*, **2020**, 90, 2105-2110	0.7	2
175	Synthesis and Acid–Base, Absorption, and Fluorescence Properties of Phthalocyanine Derivatives. *Russian Journal of General Chemistry*, **2020**, 90, 852-857	0.7	3
174	Fluorescence properties and quantum-chemical modeling of tert-butyl-substituted porphyrazines: Structural and ionization effect. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2020**, 240, 118601	4.4	2
173	Spectral-Fluorescence Properties of Zn(II)-Octaphenyltetraazaporphyrins. *Journal of Fluorescence*, **2020**, 30, 657-664	2.4	1
172	Macroheterocyclic Compounds - a Key Building Block in New Functional Materials and Molecular Devices. *Macroheterocycles*, **2020**, 13, 311-467	2.2	36
171	Halogenation of Fluoro-Substituted Zinc(II) Tetraphenylporphyrins at the β-Position. *Russian Journal of Organic Chemistry*, **2020**, 56, 2132-2136	0.7	
170	Synthesis and Spectral Properties of Unsymmetrically Substituted Mn(II) and Mn(III) Octaethylporphyrins. *Russian Journal of Organic Chemistry*, **2020**, 56, 1374-1382	0.7	

169	Synthesis and Spectral Properties of meso-Nitro-Substituted Octaethylporphyrins and Their Co(II) Complexes. *Russian Journal of General Chemistry*, **2020**, 90, 1878-1883	0.7	
168	Effect of Chemical Modification of the Tetrapyrrole Macrocycle Structure on the Spectral, Acid–Base, and Complexing Properties of tert-Butyl-Substituted Porphyrazines. *Russian Journal of Organic Chemistry*, **2020**, 56, 1691-1695	0.7	0
167	Water soluble porphyrin-fluorescein triads: Design, DFT calculation and pH-change-triggered fluorescence response. *Journal of Photochemistry and Photobiology A: Chemistry*, **2020**, 402, 112832	4.7	4
166	Acid–Base Properties of Polyhalogenated Tetraphenylporphyrins. *Russian Journal of Organic Chemistry*, **2020**, 56, 1054-1061	0.7	4
165	Rate-acidity hysteresis and enthalpy-entropy compensation upon metalloporphyrin formation: Implication for the metal ion coordination mechanism. *Journal of Molecular Liquids*, **2019**, 275, 491-498	6	7
164	Synthesis, Spectral, and Coordination Properties of Halogen-Substituted Tetraarylporphyrins. *Russian Journal of General Chemistry*, **2019**, 89, 459-465	0.7	
163	Spectral, Acid, and Coordination Properties of Dodecasubstituted Porphyrins. *Russian Journal of General Chemistry*, **2019**, 89, 586-596	0.7	0
162	Interdependence between structure of nitro-substituted palladium and zinc porphyrinates and its spectral, coordination and acid-base properties. *Journal of Molecular Structure*, **2019**, 1192, 7-14	3.4	1
161	Micelles encapsulated Co(III)-tetra(4-sulfophenyl)porphyrin in aqueous CTAB solutions: Micelle formation, imidazole binding and redox Co(III)/Co(II) processes. *Journal of Molecular Liquids*, **2019**, 293, 111471	6	9
160	Synthesis and Spectral and Fluorescent Properties of Metal Complexes of Octakis(4-flurophenyl)tetraazaporphyrins. *Russian Journal of Organic Chemistry*, **2019**, 55, 655-661	0.7	4
159	Synthesis and Acid-base Properties of Isomeric Tetrachlorooctabromo- and Tetrabromooctachlorotetraphenylporphyrins. *Macroheterocycles*, **2019**, 12, 22-28	2.2	6
158	Synthesis and Spectral and Coordination Properties of meso-Tetraarylporphyrins. *Russian Journal of Organic Chemistry*, **2019**, 55, 1878-1883	0.7	5
157	Synthesis and Acid–Base Properties of β-Octabromo-Substituted Unsymmetrical Nitrophenylporphyrins. *Russian Journal of Organic Chemistry*, **2019**, 55, 1554-1561	0.7	5
156	Medium viscosity effect on fluorescent properties of Sn(IV)-tetra(4-sulfonatophenyl)porphyrin complexes in buffer solutions. *Journal of Molecular Liquids*, **2019**, 277, 1047-1053	6	9
155	Synthesis and Spectral Properties of Ni(II), Pd(II), Pt(II), and Pt(IV) Tetraphenyltetrabenzoporphyrinates. *Russian Journal of Inorganic Chemistry*, **2018**, 63, 682-686	1.5	
154	Effect of Medium Basicity on the Coordination Kinetics of meso-Nitro-Substituted Derivatives of 5-Phenyl-β-Octaalkylporphine with Zinc Acetate. *Russian Journal of Inorganic Chemistry*, **2018**, 63, 764-771	1.5	1
153	Synthesis of β-Bromo-Substituted Cu(II) Tetraphenylporphyrinates. *Russian Journal of Inorganic Chemistry*, **2018**, 63, 732-735	1.5	2
152	Influence of the Coordination Surrounding of Co(II)- and Co(III)-Tetraphenylporphyrins on Their Destruction Processes in the Presence of Organic Peroxides. *Russian Journal of General Chemistry*, **2018**, 88, 1154-1163	0.7	6

151	Halogenation of b-Positions in (II)-Tetraphenylporphyrins. *Macroheterocycles*, **2018**, 11, 85-88	2.2	5
150	Synthesis and Spectral Characteristics of Sn(IV) Tetraphenylporphyrinates. *Russian Journal of General Chemistry*, **2018**, 88, 2559-2563	0.7	2
149	Some Aspects of Metal Exchange Between Cadmium Porhyrinate Octa-(4-bromophenyl)porphyrin and Cobalt Chloride in Organic Solvents. *Russian Journal of General Chemistry*, **2018**, 88, 1996-1999	0.7	
148	Basic and Coordination Properties of Tetraphenylporphine Derivatives. *Russian Journal of General Chemistry*, **2018**, 88, 2103-2107	0.7	
147	Influence of the macrocycle structure on the ability of Co(II)-porphyrins to oxidize in the presence of organic bases. *Journal of Coordination Chemistry*, **2018**, 71, 4194-4209	1.6	4
146	Axial Coordination of Pyridine- and Imidazole-Based Drug Molecules to Co(III)-Tetra(4-Carboxyphenyl)porphyrin. *Russian Journal of Inorganic Chemistry*, **2018**, 63, 1192-1198	1.5	5
145	Bromo-substituted Mn(II) and Mn(III)-tetraarylporphyrins: synthesis and properties. *Journal of Coordination Chemistry*, **2018**, 71, 3222-3232	1.6	3
144	Investigation of Kinetics of Coordination of meso-Nitro-Substituted Derivatives of 5-Phenyl-octaalkylporphine with Palladium Acetate. *Russian Journal of General Chemistry*, **2018**, 88, 973-977	0.7	1
143	Synthesis and Properties of Zinc(II), Cadmium(II), Manganese(III), and Tin(IV) Octakis(4-methoxyphenyl)porphyrins. *Russian Journal of General Chemistry*, **2018**, 88, 978-984	0.7	1
142	Kinetics of metal exchange in Cd(II) octa(4-bromophenyl)porphyrinate with d-metal salts in organic solvents. *Russian Journal of Physical Chemistry A*, **2017**, 91, 437-441	0.7	1
141	Chelation and fluorescence properties of tetraphenylporphyrin and 5,10,15,20-tetra(4-hydroxyphenyl)porphyrin in acetonitrile. *Russian Journal of Physical Chemistry A*, **2017**, 91, 94-99	0.7	4
140	Cobalt(III) tetrabenzoporphyrin: Synthesis, spectral and coordination properties. *Russian Journal of Inorganic Chemistry*, **2017**, 62, 301-308	1.5	5
139	Magnesium(II) and cadmium(II) octaphenyltetraazaporphyrinates in metal exchange reaction with MnCl2 in DMSO. *Russian Journal of Inorganic Chemistry*, **2017**, 62, 517-522	1.5	1
138	Copper(II), cobalt(II), cobalt(III), and tin(IV) 5,10,15,20-tetraphenyl tetrabenzoporphyrinates: Synthesis and properties. *Russian Journal of Inorganic Chemistry*, **2017**, 62, 683-687	1.5	7
137	Synthesis and spectral properties of bromo-substituted nickel(II) tetraphenylporphyrins. *Russian Journal of Organic Chemistry*, **2017**, 53, 1094-1098	0.7	1
136	Synthesis and spectrophotometry study of the acid-base properties of nitro-substituted 5-phenyl-octaalkylporphines. *Russian Journal of General Chemistry*, **2017**, 87, 1742-1751	0.7	2
135	Kinetic and fluorescent properties of tetraphenylporphine derivatives in acetonitrile. *Russian Journal of Inorganic Chemistry*, **2017**, 62, 1120-1126	1.5	1
134	Bromo-substituted palladium(II) tetraphenylporphyrins. Synthesis and spectral properties. *Russian Journal of General Chemistry*, **2017**, 87, 1580-1583	0.7	3

133	Porous molecular crystals of calix[4]arenes. *Russian Chemical Bulletin*, **2017**, 66, 241-253	1.7	2
132	N-Confused porphyrins: complexation and 1H NMR studies. *New Journal of Chemistry*, **2017**, 41, 7932-7937	3.6	11
131	The effect of chemical modification of the macrocycle on the complex formation between porphyrins and metal salts in organic solvents. *Russian Journal of General Chemistry*, **2017**, 87, 1175-1183	0.7	
130	Coordination properties of molecular and anionic forms of 5,10,15,20,21-pentaphenyl-2,3,7,8,12,13,17,18-octaethylporphyrin in acetonitrile. *Russian Journal of Inorganic Chemistry*, **2017**, 62, 123-127	1.5	2
129	Fluorescent Properties and Kinetic Rate Constants of some Zn-Tetraarylporphyrins Formation in Acetonitrile. *Journal of Fluorescence*, **2017**, 27, 303-307	2.4	8
128	Molecular recognition of nitrogen □ontaining bases by Zn[5,15-bis-(2,6-dodecyloxyphenyl)]porphyrin. *Supramolecular Chemistry*, **2017**, 29, 360-369	1.8	19
127	Synthesis and properties of bromine-substituted Co(II) tetraphenylporphyrinates. *Russian Journal of General Chemistry*, **2016**, 86, 1091-1094	0.7	6
126	Metal exchange of Cd(II) octaphenyltetraazaporphyrin with d-metal salts in organic solvents. *Russian Journal of Inorganic Chemistry*, **2016**, 61, 389-392	1.5	0
125	Complex formation of □brominated tetraphenylporphyrins and metal exchange of their cadmium complexes with d-metal salts in dimethylformamide. *Russian Journal of General Chemistry*, **2016**, 86, 102-109	0.7	5
124	Thermodynamic aspects of interaction zinc(II)tetraphenylporphyrin with bidentate ligands in dilute solutions. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2016**, 84, 71-77	1.7	4
123	Synthesis and properties of manganese complexes of meso-tetraphenyltetrabenzoporphyrin. *Russian Journal of General Chemistry*, **2016**, 86, 1907-1911	0.7	1
122	Effect of the chemical modification of a macrocycle and the acidity of a medium on the spectral properties and basicity of tetraphenylporphyrin in HCl–□,N-dimethylformamide system at 298 K. *Russian Journal of Physical Chemistry A*, **2016**, 90, 994-999	0.7	4
121	Metal exchange reaction between Mg(II) and Cd(II) octa(4-bromophenyl)tetraazaporphyrinates with manganese(II) chloride in dimethylformamide. *Russian Journal of General Chemistry*, **2015**, 85, 1474-1476	0.7	0
120	Preparation and spectral properties of □bromo-substituted Mn(III) tetraphenylporphyrinates. *Russian Journal of General Chemistry*, **2015**, 85, 1132-1135	0.7	9
119	Hybrid multi-porphyrin supramolecular assemblies: Synthesis and structure elucidation by 2D DOSY NMR studies. *Journal of Molecular Structure*, **2015**, 1099, 174-180	3.4	29
118	Synthesis and spectrophotometric study of acidic and complexing properties of 5,15-bis(4?-methoxyphenyl)-10,20-bis(4?-nitrophenyl)-2,8,12,18-tetramethyl-3,7,13,17-tetraethylporphyrin in acetonitrile. *Russian Journal of General Chemistry*, **2015**, 85, 640-647	0.7	1
117	Synthesis and receptor properties of calix[4]pyrroles. *Russian Chemical Reviews*, **2015**, 84, 275-287	6.8	13
116	Cation assisted complexation of octacarbazolylphenyl substituted Zn(II)-tetraphenylporphyrin with [2,2,2]cryptand. *RSC Advances*, **2015**, 5, 44557-44562	3.7	5

115	Synthesis and spectroscopic characterization of Ru(II) and Sn(IV)-porphyrins supramolecular complexes. *Journal of Molecular Structure*, **2015**, 1081, 426-430	3.4	19
114	Study of the metal-exchange reaction between Cd(II) octa(4-bromophenyl)tetraazaporphyrinate and cobalt chloride in organic solvents. *Russian Journal of General Chemistry*, **2015**, 85, 911-914	0.7	2
113	Spectrophotometric study of acid-base and coordination properties of 2,3,7,8,12,13,17,18-octamethyl-5,10,15,20-tetrakis(thiophen-2-yl)porphyrin. *Russian Journal of General Chemistry*, **2015**, 85, 876-881	0.7	3
112	Synthesis of novel thiophosphorylated meso-substituted porphyrin. *Russian Journal of General Chemistry*, **2015**, 85, 2670-2671	0.7	
111	Bromination of β-positions of tetra(4-bromphenyl)porphyrin and its complex with Zn(II). *Russian Journal of Organic Chemistry*, **2015**, 51, 1649-1651	0.7	1
110	Synthesis and spectrophotometric study of deprotonation of octamethylporphyrin derivatives with 1,8-diazabicyclo[5.4.0]undec-7-ene in acetonitrile. *Russian Journal of General Chemistry*, **2014**, 84, 103-107	0.7	6
109	Binding ability of first and second generation/carbazolylphenyl dendrimers with Zn(II) tetraphenylporphyrin core towards small heterocyclic substrates. *RSC Advances*, **2014**, 4, 19703-19709	3.7	15
108	Resonance Raman and FTIR spectra of Mg-porphyrazines. *Journal of Molecular Structure*, **2014**, 1058, 197-204	3.4	3
107	Synthesis and binding ability of mono- and tetrasubstituted aminophosphonate Zn-tetraarylporphyrins towards N- and O-containing organic substrates. *Supramolecular Chemistry*, **2014**, 26, 427-434	1.8	4
106	Metal-exchange reaction of Mg-octaphenyltetraazaporphyrin with Co(II). *Journal of Porphyrins and Phthalocyanines*, **2014**, 18, 169-172	1.8	4
105	Spectrophotometric study of acid-base and complexing properties of 5,10,15-trinitro-2,3,7,8,12,13,17,18-octaethylporphyrin in acetonitrile. *Russian Journal of General Chemistry*, **2014**, 84, 1207-1211	0.7	2
104	Transmetalation of (octaphenyltetraazaporphyrinato)magnesium(II) with manganese(II) chloride in dimethylformamide. *Russian Journal of General Chemistry*, **2014**, 84, 1389-1393	0.7	7
103	Spectrophotometric study of the complexing properties of 2,3,7,8,12,13,17,18-Octaethyl-5,10,15-trinitroporphyrin and its dianion toward Zn(OAc)2 in acetonitrile. *Russian Journal of General Chemistry*, **2014**, 84, 1394-1398	0.7	1
102	Synthesis and spectrophotometric study of the acid-base and complexing properties of 2,3,7,8,12,13,17,18-Octaethyl-5,10,15,20-tetrakis(4-methoxyphenyl)porphyrin in acetonitrile. *Russian Journal of General Chemistry*, **2014**, 84, 1404-1410	0.7	2
101	Structural features and thermal stability of molecular complexes of 25,26,27,28-Tetrahydroxycalix[4]arene with solvents. *Russian Journal of Physical Chemistry A*, **2014**, 88, 1329-1335	0.7	1
100	Metal exchange reaction between magnesium octaphenyltetraazaporphyrinate and d-metals salts in dimethylformamide. *Russian Journal of General Chemistry*, **2014**, 84, 733-736	0.7	1
99	Influence of substituents structure and their electronic effects on acid-base and complexing properties of 5,10,15,20-tetranitro-2,3,7,8,12,13,17,18-octaethylporphyrin. *Russian Journal of General Chemistry*, **2014**, 84, 939-945	0.7	10
98	Bis[(tetraphenylporphyrinato)zinc]-calix[4]pyrrole. Synthesis and receptor properties. *Russian Journal of Organic Chemistry*, **2014**, 50, 559-566	0.7	1

97	Improving photo-stability of conjugated polymer MEH-PPV embedded in solid matrices by purification of the matrix polymer. *Chemical Physics Letters*, **2014**, 599, 142-145	2.5	7
96	Synthesis and spectrophotometric study of acidic and complexation properties of 5,15-bis(4?-methoxyphenyl)-2,8,12,18-tetramethyl-3,7,10,13,17,20-hexaethylporphyrin and 5,15-bis(4?-methoxyphenyl)-10,20-diphenyl-2,8,12,18-tetramethyl-3,7,13,17-tetraethylporphyrin in acetonitrile. *Russian Journal of General Chemistry*, **2014**, 84, 2180-2186	0.7	
95	One and two point binding of organic bases molecules by meso-nitro substituted Zn-octaethylporphyrins. *Journal of Porphyrins and Phthalocyanines*, **2014**, 18, 1101-1107	1.8	4
94	Metal exchange reaction of magnesium(II) octa(4-bromophenyl)tetraazaporphyrinate with copper and cobalt chlorides in dimethylformamide. *Russian Journal of General Chemistry*, **2014**, 84, 2187-2190	0.7	1
93	Metal exchange reaction of magnesium octaphenyltetraazaporphyrin with copper, cobalt, and zinc chlorides in DMSO and DMF. *Russian Journal of General Chemistry*, **2014**, 84, 1989-1993	0.7	3
92	Complexation Properties of Octa(4-bromophenyl)tetraazaporphyrin and Its Magnesium(II) Complex with Salts of d-Metals in DMF. *Macroheterocycles*, **2014**, 7, 276-280	2.2	8
91	Synthesis and spectral properties of cobalt(II) and cobalt(III) tetraarylporphyrinates. *Russian Journal of Inorganic Chemistry*, **2013**, 58, 740-743	1.5	23
90	Metal-exchange reaction between cadmium tetraphenylporphyrinates and copper(II) in dimethylformamide. *Russian Journal of Inorganic Chemistry*, **2013**, 58, 486-490	1.5	
89	4-tert-butylcalix[4]arene-based porous structures. *Russian Journal of Physical Chemistry A*, **2013**, 87, 783-788	0.7	1
88	Reaction of metal exchange of cadmium 5,10,15,20-tetraphenylporphyrinate and its □-bromo derivative with zinc acetate in dimethylformamide. *Russian Journal of General Chemistry*, **2013**, 83, 989-992	0.7	
87	Complexation of zinc(II) and ruthenium(II) porphyrinates with methyl glycinate and methyl m-aminobenzoate. *Russian Journal of General Chemistry*, **2013**, 83, 993-999	0.7	1
86	Self-organization of zinc(II) and tin(IV) porphyrinates into supramolecular trimers. *Russian Journal of General Chemistry*, **2013**, 83, 1424-1428	0.7	7
85	Kinetics and mechanism of metal exchange between cadmium porphyrin complexes and d-metal salts in DMF. *Russian Journal of General Chemistry*, **2013**, 83, 2103-2107	0.7	2
84	Binding ability of Zn-tetraarylporphyrins with two, four and eight 4-(4-(3,6-bis(t-butyl)carbazol-9-ylphenyl)-1,2,3-triazole end groups towards N-containing substrates of different nature. *Supramolecular Chemistry*, **2013**, 25, 180-188	1.8	18
83	Cation- and anion-assisted binding of triethylenediamine by zinc bisporphyrinates. *Russian Chemical Bulletin*, **2013**, 62, 123-132	1.7	3
82	Synthesis and properties of ms- and □-substituted Pt(II) and Pt(IV) tetraphenylporphyrinates. *Russian Journal of General Chemistry*, **2013**, 83, 2108-2111	0.7	8
81	Synthesis and spectral properties of meso-substituted Ni2+ octaalkylporphyrinates. *Russian Journal of Inorganic Chemistry*, **2013**, 58, 574-576	1.5	2
80	Synthesis of Ru(II) and Sn(IV) Tetraphenylporphyrin Complexes with One - and Two -center Organic Substrates. *Macroheterocycles*, **2013**, 6, 67-73	2.2	7

79	Axial Coordination of Imidazoles by meso-Nitro Substituted Zn-Octaethylporphyrins. *Macroheterocycles*, **2013**, 6, 323-326	2.2	5
78	Synthesis of calix[4]arene-bis(tin(Iv)porphyrins) and supramolecular complexes on their basis. *Russian Journal of Inorganic Chemistry*, **2012**, 57, 390-397	1.5	9
77	Polymorphism of 4-tert-butylcalix[4]arene upon the formation and thermal destruction of its complex with acetonitrile. *Russian Journal of Physical Chemistry A*, **2012**, 86, 408-412	0.7	1
76	Metal exchange reaction of cadmium 5-monoaza-2,3,7,8,12,13,17,18-octamethylporphyrinate with zinc(II) and copper(II) chlorides in dimethyl sulfoxide. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2012**, 38, 319-324	1.6	7
75	Corrole NH tautomers: spectral features and individual protonation. *Journal of Physical Chemistry A*, **2012**, 116, 10683-94	2.8	36
74	A molecular receptor based on the 2,3,7,8,12,13,17,18-octaethyl-21,23-dimethylporphyrin for detection of fluoride ions: Synthesis, spectral and complexation properties. *Russian Journal of General Chemistry*, **2012**, 82, 1272-1277	0.7	5
73	Spectral and complex-forming properties of β-bromo-substituted porphyrins in N,N-dimethylformamide. *Russian Journal of General Chemistry*, **2012**, 82, 1278-1283	0.7	2
72	Polymorphism of 4-tert-butylcalix[4]arene upon formation of n-hexane and acetonitrile complexes and thermal desolvation. *CrystEngComm*, **2012**, 14, 533-536	3.3	7
71	Microporous structures based on 4-tert-butylcalix[4]arene. *Doklady Physical Chemistry*, **2012**, 447, 210-212	0.8	
70	Cation-dependent binding of zinc diethoxycarbonylcalix[4]arenebis(porphyrinate) triethylenediamine. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2011**, 37, 195-201	1.6	4
69	Metal exchange reaction of cadmium meso-triaza-tetra-(4-tert-butylbenzo)porphyrinate with metal salts in dimethyl sulfoxide. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2011**, 37, 495-500	1.6	1
68	Anion-dependent binding of zinc calix[4]pyrrole-bisporphyrinate triethylenediamine. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2011**, 37, 872-877	1.6	4
67	Bisporphyrin-calix[4]arene heterotopic receptors of multifunctional substrates. *Russian Journal of General Chemistry*, **2011**, 81, 594-601	0.7	3
66	Determination of acidity of di-, tri-, and tetraazaporphyrins in dimethyl sulfoxide-potassium cryptate medium. *Russian Journal of General Chemistry*, **2011**, 81, 602-606	0.7	4
65	pH-switchable porphyrin receptor for binding halide ions. *Russian Journal of General Chemistry*, **2011**, 81, 1231-1238	0.7	
64	Cationic tetrapyrrole receptors for selective binding hydroxide ions. *Russian Journal of General Chemistry*, **2011**, 81, 2193-2197	0.7	
63	Tetrapyrrole cation receptor for selective binding fluoride ion. *Russian Journal of General Chemistry*, **2011**, 81, 2345-2348	0.7	
62	Effect of the nature of the tetrapyrrole macrocycle on the transmetallation of Zn2+ and Cd2+ porphyrins with PdCl2 in dimethylformamide. *Russian Journal of Inorganic Chemistry*, **2011**, 56, 484-488	1.5	2

61	Polymorphic conversions of 4-tert-butylcalix[4]arene upon the formation and thermal destruction of a complex with n-hexane. *Russian Journal of Physical Chemistry A*, **2011**, 85, 1162-1167	0.7	2
60	Vapor pressures of macrocyclic compounds according to effusion method data. *Tetrahedron Letters* , **2011**, 52, 705-707	2	7
59	Synthesis of Monohydroxy-Substituted Diarylporphyrins and Their Binding Ability towards Aminobenzoic Acids. *Macroheterocycles*, **2011**, 4, 30-33	2.2	5
58	Synthesis of ms- and □substituted ruthenium(II) porphyrinates. *Russian Journal of Inorganic Chemistry*, **2010**, 55, 1421-1424	1.5	2
57	Thermodynamics of solvation of calix[4]arenes in n-hexane. *Russian Journal of Physical Chemistry A*, **2010**, 84, 1867-1872	0.7	
56	Complexing ability of dimeric zinc octaalkylporphyrinates with a poly(ethyleneoxy) bridge toward 1,4-diazabicyclo[2.2.2]octane and 1,4-diazine. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2010**, 36, 305-309	1.6	
55	Synthesis and spectral properties of the Co2+ and Co3+ complexes with octaaryltetraazaporphyrins. *Russian Journal of General Chemistry*, **2010**, 80, 2387-2390	0.7	4
54	Pyridyl-substituted porphyrins: I. Synthesis and basicity of monopyridylporphyrins. *Russian Journal of Organic Chemistry*, **2010**, 46, 144-149	0.7	8
53	Synthesis and properties of dimeric octaalkylporphyrins with a polyether linker. *Russian Journal of Organic Chemistry*, **2010**, 46, 444-449	0.7	
52	Pyridyl-substituted porphyrins: II. Synthesis and basic properties of dipyridylporphyrins. *Russian Journal of Organic Chemistry*, **2010**, 46, 917-923	0.7	11
51	Synthesis of cyclophane-like porphyrin-calix[4]pyrrole conjugates. *Russian Journal of Organic Chemistry*, **2010**, 46, 1246-1250	0.7	3
50	Tetrapyrrolic compounds as hosts for binding of halides and alkali metal cations. *Journal of Porphyrins and Phthalocyanines*, **2009**, 13, 1148-1158	1.8	19
49	Complexation and basic properties of polyethylene oxide-substituted porphyrins. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2009**, 35, 850-856	1.6	2
48	Synthesis and basic properties of tetra-tert-butyltetrabenzo-5,10,15-triazaporphyrin. *Russian Journal of General Chemistry*, **2009**, 79, 833-838	0.7	6
47	Effect of the macrocycle chemical modification on the tetraphenylporphin basic properties. *Russian Journal of General Chemistry*, **2009**, 79, 1029-1034	0.7	2
46	Basic properties of porphyrins with polyethylenoxide spacers of various length. *Russian Journal of General Chemistry*, **2009**, 79, 2435-2439	0.7	2
45	Supramolecular complexes of tetrapyrrolic macrocycles: A basis for developing new molecular technologies. *Nanotechnologies in Russia*, **2009**, 4, 253-261	0.6	5
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