Svetlana E Solovieva

List of Publications by Year in Descending Order

180 papers	1,623 citations	19 h-index	30 g-index
195 ext. papers	1,855 ext. citations	2.6 avg, IF	4.4 L-index

#	Paper	IF	Citations
180	Porous nickel and cobalt hexanuclear ring-like clusters built from two different kind of calixarene ligands new molecular traps for small volatile molecules. *CrystEngComm*, **2022**, 24, 330-340	3.3	0
179	New bifunctional amphiphilic oxyethylimidazolium derivatives of calix[4]arene containing alkynyl/azide fragments: regularities of aggregation and polymerization under azide/alkyne cycloaddition conditions. *Russian Chemical Bulletin*, **2022**, 71, 131-138	1.7	0
178	Thiacalixarenes with Sulfur Functionalities at Lower Rim: Heavy Metal Ion Binding in Solution and 2D-Confined Space.. *International Journal of Molecular Sciences*, **2022**, 23,	6.3	2
177	Amphiphilic N-oxyethylimidazolium calixarenes: synthesis, micellar solubilization and molecular recognition of Adenine-containing nucleotides. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2022**, 129236	5.1	1
176	New 3D Coordination Polymer Based on the Tetrapyridyl Derivative of Thiacalix[4]arene in the 1,3-Alternate Configuration and Hexanuclear Clusters of Monovalent Silver: Synthesis and Structure. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2022**, 48, 287-294	1.6	
175	Study of the conformation and hydrogen bonds of the p-tetrasulfonatothiacalix[4]arene pentasodium salt by vibrational spectroscopy and DFT. *Journal of Molecular Modeling*, **2021**, 27, 326	2	
174	SPATIAL STRUCTURE OF MONO AND BIS AMIDE-SUBSTITUTED p-TERT-BUTYL-THIACALIX[4]ARENES IN THE CRYSTAL PHASE. *Journal of Structural Chemistry*, **2021**, 62, 1432-1440	0.9	
173	T2- and T1 relaxivities and magnetic hyperthermia of iron-oxide nanoparticles combined with paramagnetic Gd complexes. *Journal of Chemical Sciences*, **2021**, 133, 1	1.8	1
172	Vibrational Spectra of p-Carboxylate and p-Sulfonate Azocalix[4]arene. *Lecture Notes in Civil Engineering*, **2021**, 22-30	0.3	
171	Amphiphilic N-Oligoethyleneglycol-imidazolium Derivatives of p-tert-Butylthiacalix[4]arene: Synthesis, Aggregation and Interaction with DNA. *Macroheterocycles*, **2021**, 14, 171-179	2.2	3
170	Switching Ion Binding Selectivity of Thiacalix[4]arene Monocrowns at Liquid-Liquid and 2D-Confined Interfaces. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
169	Functional supramolecular systems: design and applications. *Russian Chemical Reviews*, **2021**, 90, 895-1167	6.8	15
168	Comparative study of the vibrational spectra of carboxylate azocalix[4]arenes and azothiacalix[4]arenes. *Journal of Molecular Structure*, **2021**, 1241, 130662	3.4	
167	DFT study of conformation, hydrogen bonds, IR, and Raman spectra of the sodium salt of p-hexasulfonatocalix[6]arene DFT. *Journal of Molecular Structure*, **2021**, 1243, 130892	3.4	2
166	New Amphiphilic Imidazolium/Benzimidazolium Calix[4]arene Derivatives: Synthesis, Aggregation Behavior and Decoration of DPPC Vesicles for Suzuki Coupling in Aqueous Media. *Nanomaterials*, **2020**, 10,	5.4	4
165	Formation of Unsymmetrical Trinuclear Metallamacrocycles Based on Two Different Cone Calix[4]arene Macrocyclic Rings. *Crystals*, **2020**, 10, 364	2.3	3
164	Synthesis, Structure and Magnetic Properties of Mn2Tb2 Tetranuclear Complex with p-tert-Butylthiacalix[4]arene. *Israel Journal of Chemistry*, **2020**, 60, 600-606	3.4	1

163	Mixed Tb/Dy coordination ladders based on tetra(carboxymethyl)thiacalix[4]arene: a new avenue towards luminescent molecular nanomagnets.. *RSC Advances*, **2020**, 10, 11755-11765	3.7	3
162	Amphiphilic PdII-NHC Complexes on 1,3-Alternate p-tert-Butylthiacalix[4]arene Platform: Synthesis and Catalytic Activities in Coupling and Hydrogenation Reactions. *European Journal of Organic Chemistry*, **2020**, 2020, 2180-2189	3.2	4
161	New terpyridine derivatives of thiacalix[4]arenes in solution and at the water-air interface. *Russian Chemical Bulletin*, **2020**, 69, 339-350	1.7	4
160	Synthesis of Water-Soluble Polyammonium Thiacalix[4]arene Derivative and Its Interaction with Calf Thymus DNA. *Russian Journal of General Chemistry*, **2020**, 90, 99-104	0.7	0
159	FT-IR and FT-Raman study of p-sulfonatocalix [8]arene. *Journal of Molecular Structure*, **2020**, 1203, 127474	3.4	5
158	Smart control of calixarene polymorphic states. *CrystEngComm*, **2020**, 22, 7002-7015	3.3	3
157	Thermally Stable Nitrothiacalixarene Chromophores: Conformational Study and Aggregation Behavior. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	2
156	Nuclearity control in calix[4]arene-based zinc(II) coordination complexes. *CrystEngComm*, **2020**, 22, 7693-7703	3.3	4
155	Synthesis of Bifunctional Derivatives of Calix[4]arene Bearing Azidoalkyl Fragments in Cone Stereoisomeric Form. *Doklady Chemistry*, **2020**, 490, 1-5	0.8	3
154	Alkyl-malonate-substituted thiacalix[4]arenes as ligands for bottom-up design of paramagnetic Gd(III)-containing colloids with low cytotoxicity. *Arabian Journal of Chemistry*, **2020**, 13, 453-463	5.9	3
153	Vibrational spectra study of p-sulfonatocalix[4]arene containing azobenzene groups. *Journal of Molecular Structure*, **2020**, 1200, 127058	3.4	7
152	New poly-imidazolium-triazole particles by CuAAC cross-linking of calix[4]arene bis-azide/alkyne amphiphiles - a prospective support for Pd in the Mizoroki-Heck reaction.. *RSC Advances*, **2020**, 11, 584-591	3.7	2
151	Ag-Selective Nanotubes Based on Bisthiacalix[4]arene with Ethylene Sulfide Bridges. *Doklady Chemistry*, **2019**, 487, 212-214	0.8	3
150	Control of dimensionality in Manganese Coordination Polymers using rigid tetrahedral-shaped [1.1.1.1]metacyclophane ligands bearing benzoate coordinating sites: From homochiral 1D to 3D diamond-like structures. *Inorganic Chemistry Communication*, **2019**, 106, 197-201	3.1	7
149	New DNA-sensor based on thiacalix[4]arene-modified polydiacetylene particles. *Russian Chemical Bulletin*, **2019**, 68, 1067-1074	1.7	7
148	Investigation of hydrogen bonding in p-sulfonatocalix[4]arene and its thermal stability by vibrational spectroscopy. *Journal of Molecular Structure*, **2019**, 1195, 403-410	3.4	6
147	Impact of ligands structure on formation of hydrophilic colloids from their Gd(III) complexes with high magnetic relaxivity. *Chemical Papers*, **2019**, 73, 261-267	1.9	
146	A New Approach to the Synthesis of Thiacrowns on a Thiacalix[4]arene Scaffold. *Doklady Chemistry*, **2019**, 487, 188-191	0.8	3

145	New Amphiphilic Calix[4]Arene Derivatives with 4,5-Dicarboxytriazolyl Fragments: Synthesis and Use in Micellar Catalysis. *Russian Journal of Physical Chemistry B*, **2019**, 13, 401-407	1.2	1
144	Radiolysis of functionalized calixarenes and its effect on cesium and americium extraction. *Journal of Radioanalytical and Nuclear Chemistry*, **2019**, 322, 1931-1939	1.5	1
143	Synthesis, crystal structures and high-temperature spin-crossover of new inclusion compounds of iron(II) tris (pyrazol-1-yl)methane complex with p -sulfonatocalix[4]arene. *Inorganica Chimica Acta*, **2018**, 476, 129-135	2.7	1
142	Synthesis of four new carboxylic derivatives based on the [1.1.1.1]metacyclophane backbone blocked in 1,3-Alternate conformation. *Tetrahedron Letters*, **2018**, 59, 1377-1381	2	2
141	Molecular tectonics: high dimensional coordination networks based on methylenecarboxylate-appended tetramercaptothiacalix[4]arene in the 1,3-alternate conformation. *CrystEngComm*, **2018**, 20, 1130-1140	3.3	3
140	FT-IR and FT-Raman study of hydrogen bonding in p-alkylcalix[8]arenes. *Vibrational Spectroscopy*, **2018**, 95, 38-43	2.1	12
139	Novel amphiphilic conjugates of p-tert-butylthiacalix[4]arene with 10,12-pentacosadiynoic acid in 1,3-alternate stereoisomeric form. Synthesis and chromatic properties in the presence of metal ions. *New Journal of Chemistry*, **2018**, 42, 2942-2951	3.6	19
138	Synthesis of New Photoswitchable Tectons Based on Thiacalix[4]arene Azo Derivatives in the 1,3-Alternate Conformation. *Doklady Chemistry*, **2018**, 479, 31-35	0.8	
137	Electrochemical properties of outer-sphere associates of bipyridyl and sepulchrate metal complexes with (thia)calix[4]arenes. *Journal of the Iranian Chemical Society*, **2018**, 15, 2251-2258	2	
136	Synthesis of Tetraazide Derivatives of p-tert-Butylcalix[4]arene Using Copper-Catalyzed Nucleophilic Aromatic Substitution. *Doklady Chemistry*, **2018**, 479, 64-67	0.8	2
135	Modern Trends of Organic Chemistry in Russian Universities. *Russian Journal of Organic Chemistry*, **2018**, 54, 157-371	0.7	62
134	Extraction of Cesium-137 and Americium-241 by Calix[n]arenes from Carbonate-Alkaline Media. *Doklady Chemistry*, **2018**, 479, 36-40	0.8	1
133	Imidazolium p-tert-Butylthiacalix[4]arene Amphiphiles Aggregation in Water Solutions and Binding with Adenosine 5?-Triphosphate Dipotassium Salt. *BioNanoScience*, **2018**, 8, 337-343	3.4	3
132	Calixarene alpha-ketoacetylenes: versatile platforms for reaction with hydrazine nucleophile.. *RSC Advances*, **2018**, 8, 32765-32769	3.7	1
131	Synthesis of new -butylcalix[4]arene-based polyammonium triazolyl amphiphiles and their binding with nucleoside phosphates. *Beilstein Journal of Organic Chemistry*, **2018**, 14, 1980-1993	2.5	6
130	Molecular tectonics: from a binuclear metallamacrocycle to a 1D isostructural coordination network based on tetracyanomethyl[1.1.1.1]metacyclophane and a silver cation. *Mendeleev Communications*, **2017**, 27, 260-262	1.9	6
129	Detection of sulfate surface-active substances via fluorescent response using new amphiphilic thiacalix[4]arenes bearing cationic headgroups with Eosin Y dye. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2017**, 515, 41-49	5.1	10
128	Coordination Polymers based on calixarene derivatives: Structures and properties. *Coordination Chemistry Reviews*, **2017**, 352, 151-186	23.2	83

127	Synthesis of new p-tert-butylcalix[4]arene derivatives containing photopolymerizable 1,3-butadiyne fragments. *Russian Journal of General Chemistry*, **2017**, 87, 1946-1951	0.7	1
126	Nitrothiacalixarenes with alkyl groups at the lower rim: design, synthesis and aggregation behaviour at the air–water interface and in solution. *Mendeleev Communications*, **2017**, 27, 413-415	1.9	3
125	Cesium and americium extraction from carbonate-alkaline media with O-substituted p-alkylcalix[8]arenes. *Journal of Radioanalytical and Nuclear Chemistry*, **2017**, 314, 1257-1265	1.5	5
124	Micelle mediated extraction of americium and europium by calix[4]arene phosphine oxides from nitric acid media. *Journal of Radioanalytical and Nuclear Chemistry*, **2017**, 311, 599-609	1.5	11
123	Tuning the non-covalent confinement of Gd(III) complexes in silica nanoparticles for high T-weighted MR imaging capability. *Colloids and Surfaces B: Biointerfaces*, **2017**, 149, 243-249	6	19
122	Americium and Cesium Extraction from Alkaline Media by Calix[8]arenes with p-tert-Butyl and Isononyl Substituents on the Upper Rim: Aggregation Effect. *Macroheterocycles*, **2017**, 10, 196-202	2.2	8
121	Molecular Tectonics: Manganese(II), Copper(II) and Zinc(II) 1D Coordination Polymers Based on Tetramercaptothiacalix[4]arene Bearing Benzoate Coordinating Groups. *Macroheterocycles*, **2017**, 10, 147-153	2.2	3
120	Azide–Alkyne Click Approach to the Preparation of Dendrimer-Type Multi(thia)calix[4]arenes with Triazole Linkers. *Macroheterocycles*, **2017**, 10, 203-214	2.2	7
119	Thiacalix[4]arenes: Lower Rim Derivatives: Synthesis and Supramolecular Properties. *Macroheterocycles*, **2017**, 10, 134-146	2.2	23
118	Unusual Reactivity of Aliphatic and Aromatic Amines with Bromoalkyl Derivatives of Thiacalix[4]arene in 1,3-Alternate Stereoisomeric Form. *Macroheterocycles*, **2017**, 10, 215-220	2.2	4
117	Disperse Systems Based on a Dodecyl Derivative of p-Sulfonatocalix[6]arene: Self-Organization and Physicochemical Properties in a Wide Range of Concentrations and Temperatures. *Macroheterocycles*, **2017**, 10, 190-195	2.2	3
116	Self-Aggregation and Solubilizing Properties of the Supramolecular System Based on Azobenzenesulfonate Calix[4]arene and CTAB. *Macroheterocycles*, **2017**, 10, 454-459	2.2	7
115	Coordination Compounds Based on Metacyclophane Derivatives. *Macroheterocycles*, **2017**, 10, 410-420	2.2	2
114	Extraction of cesium and americium with p-alkylcalix[8]arenes from alkaline solutions. *Radiochemistry*, **2016**, 58, 381-388	0.9	14
113	Interactions of New bis-Ammonium Thiacalix[4]arene Derivatives in 1,3-Alternate Stereoisomeric Form with Bovine Serum Albumin. *BioNanoScience*, **2016**, 6, 427-430	3.4	5
112	Amphiphiles with polyethyleneoxide–polyethylenecarbonate chains for hydrophilic coating of iron oxide cores, loading by Gd(III) ions and tuning R2/R1 ratio. *Reactive and Functional Polymers*, **2016**, 99, 107-113	4.6	5
111	Molecular tectonics: dimensionality and geometry control of silver coordination networks based on pyrazolyl appended thiacalixarenes. *CrystEngComm*, **2016**, 18, 691-703	3.3	14
110	Molecular Tectonics: 1D Tubular Type and 3D Diamond Like Mercury(II) Coordination Polymers Based on Pyridyl Appended p-tert-Butyltetrathiacalix[4]arene. *Macroheterocycles*, **2016**, 9, 17-22	2.2	3

109	Polycationic Derivatives of p-tert-Butylthiacalix[4]arene in 1,3-alternate Stereoisomeric Form: New DNA Condensing Agents. *Macroheterocycles*, **2016**, 9, 433-441	2.2	8
108	Comparative analysis of the binding of thiacalix[4]arene-monocrown-ethers with monovalent metal salts using MALDI mass spectrometry. *Journal of Analytical Chemistry*, **2016**, 71, 1352-1359	1.1	
107	Thiacalix[4]monocrowns with terpyridine functional groups as new structural units for luminescent polynuclear lanthanide complexes. *Supramolecular Chemistry*, **2016**, 28, 589-600	1.8	8
106	Clickable thiacalix[4]arene derivatives bearing polymerizable 1,3-butadiyne fragments: synthesis and incorporation into polydiacetylene vesicles. *RSC Advances*, **2016**, 6, 44873-44877	3.7	17
105	Molecular tectonics: tetracarboxythiacalix[4]arene derivatives as tectons for the formation of hydrogen-bonded networks. *CrystEngComm*, **2016**, 18, 8622-8630	3.3	4
104	Synthesis and aggregation properties of new biodegradable amphiphilic derivatives of p-tert-butylphenol for green separation of Gd(III) ions. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2015**, 480, 343-350	5.1	1
103	Synthesis and aggregation properties of thiacalix[4]arene tetra-N-acylamides. *Russian Journal of Organic Chemistry*, **2015**, 51, 430-435	0.7	1
102	Synthesis and structure of lower rim-substituted alkynyl derivatives of thiacalix[4]arene. *Russian Journal of Organic Chemistry*, **2015**, 51, 1334-1342	0.7	7
101	Thiacalix[4]arene-functionalized vesicles as phosphorescent indicators for pyridoxine detection in aqueous solution. *RSC Advances*, **2015**, 5, 101177-101185	3.7	15
100	Detailed mechanism of the ligand-to-metal energy transfer of silica-coated Tb(III) complex with p-sulfonatothiacalix[4]arene. *Journal of Luminescence*, **2015**, 157, 158-162	3.8	8
99	Composition of thiacalix[4]arene complexes with monovalent metal ions in the gas phase: MALDI mass spectrometry. *Russian Chemical Bulletin*, **2015**, 64, 1823-1828	1.7	3
98	Molecular tectonics: silver coordination networks based on tetramercaptothiacalix[4]arene in 1,3-alternate conformation bearing four nitrile groups. *Russian Chemical Bulletin*, **2015**, 64, 1955-1962	1.7	8
97	Effect of copper(I) on the conformation of the thiacalixarene platform in azide-alkyne cycloaddition. *Russian Chemical Bulletin*, **2015**, 64, 2114-2124	1.7	3
96	Click chemistry in the synthesis of new amphiphilic 1,3-alternate thiacalixarenes. *Mendeleev Communications*, **2015**, 25, 177-179	1.9	21
95	Experimental and theoretical study of the influence of peripheral environment on magnetic properties of tetranuclear manganese skeleton in new representatives of calix[4]arene-containing [MnII2 MnIII2] clusters. *Journal of Molecular Structure*, **2015**, 1081, 217-223	3.4	5
94	Molecular Tectonics: Grid and Porous Coordination Networks Based on Combinations of Iron Thiocyanate and Pyridyl Appended Derivatives of Tetrathiacalix[4]arene and Tetramercaptotetrathiacalix[4]arene. *Macroheterocycles*, **2015**, 8, 113-119	2.2	5
93	New Amphiphilic Bowl-Shaped Receptors on the Basis of Calix[4]arenes in Cone Conformation: Synthesis, Self-Aggregation and Eosin Y Dye Binding. *Macroheterocycles*, **2015**, 8, 409-414	2.2	3
92	Molecular tectonics: generation of grid and porous diamondoid coordination networks by calixarene based tectons. *CrystEngComm*, **2014**, 16, 3765-3772	3.3	13

91	Molecular tectonics: anion control of dimensionality and connectivity in meta-pyridyl appended tetramercaptotetrathiacalix[4]arene based silver coordination networks. *Dalton Transactions*, **2014**, 43, 158-65	4.3	17
90	Synthesis and fluorescent properties of thiacalix[4]arenes containing terpyridyl fragments at the lower rim. *Russian Chemical Bulletin*, **2014**, 63, 214-222	1.7	5
89	Design of supramolecular biomimetic catalysts of high substrate specificity by noncovalent self-assembly of calix[4]arenes with amphiphilic and polymeric amines. *Colloids and Surfaces B: Biointerfaces*, **2014**, 117, 497-504	6	13
88	Langmuir monolayers and thin films of amphifilic thiacalix[4]arenes. Properties and matrix for the immobilization of cytochrome c. *Langmuir*, **2014**, 30, 15153-61	4	11
87	Thiacalix[4]arene-containing M2Ln2 complexes (M = MnII, CoII; Ln = EuIII, PrIII): synthesis, structure, and magnetic properties. *Russian Chemical Bulletin*, **2014**, 63, 1465-1474	1.7	6
86	Bifunctional Derivatives of (Thia)calix[4]-arenes with Terminal Double and Triple Bonds: Synthesis and Azide-Alkyne Click Reactions. *Macroheterocycles*, **2014**, 7, 10-17	2.2	3
85	Template Synthesis of Tetrakis-triazolylthiacalix[4]arene in the Cone Conformation and Supramolecular Structure of Its Hexanuclear Complex with Ag(I). *Macroheterocycles*, **2014**, 7, 189-195	2.2	3
84	Regioselective synthesis of 1,2,3-triazolyl derivatives of calix[4]arenes based on 1,3-dipolar cycloaddition. *Russian Chemical Bulletin*, **2013**, 62, 767-772	1.7	4
83	Synthesis of Conjugates of the Iron(II) Tris-Dioximates and the Dithiol-Terminated Calix[4]Arenes. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2013**, 188, 503-506	1	4
82	Synthesis, structure, and properties of nitronyl nitroxyl tetraradical with calix[4]arene framework. *Russian Chemical Bulletin*, **2013**, 62, 543-547	1.7	2
81	Synthesis, structure, and properties of a new representative of the family of calix[4]arene-containing [MnII 2MnIII 2]-clusters. *Russian Chemical Bulletin*, **2013**, 62, 536-542	1.7	4
80	Molecular tectonics: pyridyl containing thiacalix[4]arene based tectons for the generation of 2- and 3-D silver coordination networks. *Dalton Transactions*, **2013**, 42, 116-26	4.3	26
79	2-Butyne-1,4-diol hydrogenation over palladium supported on Zn2+-based MOF and host–guest MOF/calix[4]arene materials. *Microporous and Mesoporous Materials*, **2013**, 166, 167-175	5.3	33
78	A new type of polytopic coordination compound: The synthesis and NMR studies of the first hybrid thiacalix[4]arenoclathrochelates. *Polyhedron*, **2013**, 50, 90-100	2.7	4
77	Microwave-assisted Alkylation of p-tert-butylcalix[4]arene Lower Rim: The Effect of Alkyl Halides. *Mendeleev Communications*, **2013**, 23, 113-115	1.9	8
76	Conformational diversity and dynamics of distally disubstituted calix and thiacalix[4]arenes in solution. *Journal of Physical Organic Chemistry*, **2013**, 26, 407-414	2.1	5
75	Molecular tectonics: p-H-thiacalix[4]arene pyridyl appended positional isomers as tectons for the formation of 1D and 2D mercury coordination networks. *Dalton Transactions*, **2013**, 42, 9946-53	4.3	14
74	Unusual amidation reaction of asparagine-containing glycopeptide antibiotics in the presence of (benzotriazole-1-yl)oxy-tris(pyrrolidino)phosphonium hexafluorophosphate (PyBOP). *Russian Journal of Bioorganic Chemistry*, **2013**, 39, 121-130	1	2

73	Molecular tectonics: control of the dimensionality in tetramercaptothiacalixarenes based coordination networks. *Inorganic Chemistry*, **2013**, 52, 6776-8	5.1	19
72	Micellar and pre-micellar aggregates of oxyethylated calixarenes studied by ESR of spin probes and cyclic voltammetry. *Russian Chemical Bulletin*, **2013**, 62, 1350-1353	1.7	3
71	Synthesis and Characterization of Thiacalix[4]monocrowns Modified by Thioether Groups on the Lower Rim. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2013**, 188, 499-502	1	9
70	Thiacalix[4]arenes with Triple Bonds at the Lower Rim: Synthesis and Structure. *Macroheterocycles*, **2013**, 6, 47-52	2.2	5
69	Thiacalix[4]monocrowns Substituted by Sulfur-Containing Anchoring Groups: New Ligands for Gold Surface Modification. *Macroheterocycles*, **2013**, 6, 302-307	2.2	10
68	Interfacial adsorption and stripping of ions as a reason of stimuli responsive luminescence of Tb-doped silica nanoparticles. *Materials Chemistry and Physics*, **2012**, 132, 488-493	4.4	8
67	New organized systems based on amphiphilic oxyethylated calix[4]arene. *Colloid Journal*, **2012**, 74, 67-77	1.1	3
66	Proton conductivity of calix[n]arene-para-sulfonic acids (n = 4, 8). *Russian Chemical Bulletin*, **2012**, 61, 1892-1899	1.7	15
65	Step-by-step design of novel biomimetic nanoreactors based on amphiphilic calix[4]arene immobilized on polymer or mineral platforms for destruction of ecological toxicants. *Chemical Engineering Journal*, **2012**, 185-186, 285-293	14.7	15
64	The interfacial interactions of Tb-doped silica nanoparticles with surfactants and phospholipids revealed through the fluorescent response. *Colloids and Surfaces B: Biointerfaces*, **2012**, 92, 327-33	6	8
63	Synthesis, Structure, and Exctraction Ability of Tetrasubstituted Thiacalix[4]Arenes with Crown Ether Fragments on the Lower Rim. *Macroheterocycles*, **2012**, 5, 17-22	2.2	11
62	Thiacalix-monocrown ethers with terminal functional groups at the lower rim: Synthesis and structure. *Doklady Chemistry*, **2011**, 438, 170-174	0.8	3
61	1,3-Cyclohexadiene hydrogenation in the presence of a palladium-containing catalytic system based on an MOF-5/calixarene composite. *Kinetics and Catalysis*, **2011**, 52, 94-97	1.5	5
60	Catalytic properties of supramolecular systems based on polyoxyethylated calixarenes and amines. *Kinetics and Catalysis*, **2011**, 52, 529-535	1.5	3
59	Diverse effect of PEO–PPO–PEO and PPO–PEO–PPO triblock copolymers on temperature responsive behavior of luminescent hard–soft colloids. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2011**, 392, 343-349	5.1	8
58	tert-Butylthiacalix[4]arene monolayers as a biomimetic model for the oxidation of antioxidants with cytochrome c. *Russian Chemical Bulletin*, **2011**, 60, 1948-1955	1.7	4
57	Composite materials on the basis of phenylenecarboxylate framework MOF-5 and calix[4]arenes with various structures. *Russian Journal of Physical Chemistry A*, **2011**, 85, 293-297	0.7	5
56	Electricoswitchable bonding of metal ions and complexes by calixarenes. *Russian Journal of Electrochemistry*, **2011**, 47, 1082-1090	1.2	7

55	The electrochemical behaviour of [Co(sep)]3+ bound with p-sulfonatothiacalix[4]arene and tetracarboxy-p-sulfonatocalix[4]arene in correlation with inclusive and non-inclusive binding modes. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2011**, 69, 191-199		3
54	Sorbents based on calix[4]arenes for extraction of technetium(vii) from acidic and alkaline media. *Russian Chemical Bulletin*, **2011**, 60, 175-178	1.7	1
53	Unusual functionalization of the lower rim of thiacalix[4]arene: competition of alkylation and transalkylation. *Russian Chemical Bulletin*, **2011**, 60, 486-498	1.7	12
52	Combined Use of 2-D NMR Correlation Experiments, GIAO DFT 13C Chemical Shifts and 1-D NOESY Methods in Regioisomeric and Conformational Structure Determination of Cyclophanes in Solution. *Applied Magnetic Resonance*, **2011**, 41, 467-475	0.8	2
51	Temperature induced phase separation of luminescent silica nanoparticles in Triton X-100 solutions. *Journal of Colloid and Interface Science*, **2011**, 354, 644-9	9.3	14
50	Guest-induced conformation shift of p-sulphonatothiacalix[4]arene in the solid state and solution manipulated by [Zn(dipy)3]2+. *Supramolecular Chemistry*, **2010**, 22, 203-211	1.8	2
49	Electroswitchable binding of [Co(dipy)3]3+ and [Fe(dipy)3]2+ n-sulfonato(thia)calix[4]arenas. *Russian Journal of Electrochemistry*, **2010**, 46, 1263-1279	1.2	3
48	Novel membrane mimetic systems based on amphiphilic oxyethylated calix[4]arene: Aggregative and liquid crystalline behavior. *Journal of Membrane Science*, **2010**, 364, 90-101	9.6	34
47	Nanosized mixed aggregates of alkylated p-sulfonatocalix[n]arenes and cetyltrimethylammonium bromide: self-organization and catalytic activity. *Russian Chemical Bulletin*, **2010**, 59, 1327-1335	1.7	9
46	Reversible electrochemical pH-switching of luminescence in a p- sulfonatothiacalix[4]arene terbium(3+) system. *Russian Chemical Bulletin*, **2010**, 59, 1538-1542	1.7	3
45	IR and NMR spectra, intramolecular hydrogen bonding and conformations of para-tert-butyl-aminothiacalix[4]arene in solid state and chloroform solution. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2010**, 75, 872-9	4.4	2
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