Luidmila S Yakimova

List of Publications by Year
in descending order

29	513	623734 14	677142 22
papers	citations	h-index	g-index

29	29	29	376
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Functional supramolecular systems: design and applications. Russian Chemical Reviews, 2021, 90, 895-1107.	6.5	93
2	Molecular Recognition of Organic Vapors by Adamantylcalix[4]arene in QCM Sensor Using Partial Binding Reversibility. Journal of Physical Chemistry B, 2008, 112, 15569-15575.	2.6	45
3	ELECTROCHEMICAL BEHAVIOR OF PILLAR[5]ARENE ON GLASSY CARBON ELECTRODE AND ITS INTERACTION WITH Cu2+ AND Ag+ IONS. Electrochimica Acta, 2014, 147, 726-734.	5.2	35
4	Water-Soluble Pillar[5]arenes: Synthesis and Characterization of the Inclusion Complexes with p-Toluenesulfonic Acid. Macroheterocycles, 2015, 8, 128-134.	0.5	27
5	Pillar[5]arenes Bearing Amide and Carboxylic Groups as Synthetic Receptors for Alkali Metal Ions. Macroheterocycles, 2017, 10, 226-232.	0.5	27
6	Pillar[5]arenes with Morpholide and Pyrrolidide Substituents: Synthesis and Complex Formation with Alkali Metal Ions. Macroheterocycles, 2014, 7, 351-357.	0.5	25
7	Selective stepwise oxidation of 1,4-decamethoxypillar[5]arene. New Journal of Chemistry, 2015, 39, 9215-9220.	2.8	23
8	Guest exchange in dimeric capsules of a tetraurea calix[4]arene in the solid state. Chemical Communications, 2006, , 3897-3899.	4.1	21
9	Unusually High Efficiency of Î²-Cyclodextrin Clathrate Preparation by Water-Free Solid-Phase Guest Exchange. Journal of Physical Chemistry B, 2013, 117, 14544-14556.	2.6	20
10	p-tert-Butyl Thiacalix[4]arene Derivatives Functionalized in the Lower Rim with Bis(3-aminopropyl)amine: Synthesis and Interaction with DNA. Macroheterocycles, 2015, 8, 75-80.	0.5	19
11	Self-assembled fractal hybrid dendrites from water-soluble anionic (thia)calix[4] arenes and Ag+. Journal of Nanoparticle Research, 2017, 19, 1.	1.9	18
12	Sulfobetaine derivatives of thiacalix[4]arene: synthesis and supramolecular self-assembly of submicron aggregates with AgI cations. Mendeleev Communications, 2019, 29, 86-88.	1.6	16
13	Synthesis of p-tert-butylthiacalix[4]arenes functionalized with tris(2-aminoethyl)amine fragments at the lower rim and their interaction with model lipid membranes. Macroheterocycles, 2014, 7, 337-344.	0.5	15
14	Synthesis of hybrid nano- and microsized particles on the base of colloid silica and thiacalix[4]arene derivatives. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	14
15	Interpolyelectrolyte mixed nanoparticles from anionic and cationic thiacalix[4]arenes for selective recognition of model biopolymers. Journal of Molecular Liquids, 2019, 279, 9-17.	4.9	14
16	Self-Assembling Systems Based on Pillar[5]arenes and Surfactants for Encapsulation of Diagnostic Dye DAPI. International Journal of Molecular Sciences, 2021, 22, 6038.	4.1	13
17	Hybrid multicyclophanes based on thiacalix[4]arene and pillar[5]arene: synthesis and influence on the formation of polyaniline. Organic Chemistry Frontiers, 2018, 5, 2780-2786.	4.5	12
18	Silica Nanoparticles with Proton Donor and Proton Acceptor Groups: Synthesis and Aggregation. Silicon, 2011, 3, 5-12.	3.3	11

#	Article	IF	Citations
19	Monosubstituted pillar[5]arene functionalized with (amino)phosphonate fragments are â€œsmartâ€• building blocks for constructing nanosized structures with some s- and p-metal cations in the organic phase. New Journal of Chemistry, 2019, 43, 14450-14458.	2.8	11
20	Supramolecular approaches to the formation of nanostructures based on phosphonate-thiacalix[4]arenes, their selective lysozyme recognition. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 611, 125897.	4.7	10
21	Synthesis of Photo-Switchable Derivatives of p-tert-Butyl Thiacalix[4]arenes Containing Ethoxycarbonyl and 4-Amidoazobenzene Fragments in the Lower Rim Substituents. Macroheterocycles, 2013, 6, 219-226.	0.5	10
22	Synthesis, self-assembly and the effect of the macrocyclic platform on thermal properties of lactic acid oligomer modified by p-tert-butylthiacalix[4]arene. Journal of Molecular Liquids, 2019, 281, 243-251.	4.9	9
23	MALDI-TOF MS and Morphology Studies of Thiacalixarene-Silsesquioxane Products of Oligo- and Polycondensation. Silicon, 2014, 6, 215-226.	3.3	8
24	Nanostructured Polyelectrolyte Complexes Based on Water-Soluble Thiacalix[4]Arene and Pillar[5]Arene: Self-Assembly in Micelleplexes and Polyplexes at Packaging DNA. Nanomaterials, 2020, 10, 777.	4.1	5
25	The synthesis of phosphorylated silsesquioxanes and the investigation of the ability to aggregation and interaction with aromatic dicarboxylic acids. Journal of Organometallic Chemistry, 2014, 772-773, 84-92.	1.8	4
26	Surfactant Effect on the Physicochemical Characteristics of Solid Lipid Nanoparticles Based on Pillar[5]arenes. International Journal of Molecular Sciences, 2022, 23, 779.	4.1	4
27	Systems Based on Calixarenes as the Basis for the Creation of Catalysts and Nanocontainers. , 2016, , 85-110.		2
28	Structureâ€“Activity Relationship of the Thiacalix[4]arenes Family with Sulfobetaine Fragments: Self-Assembly and Cytotoxic Effect against Cancer Cell Lines. Molecules, 2022, 27, 1364.	3.8	2
29	Micelleplexes and polyplexes with DNA from salmon sperm based on pillar[5]arenes and thiacalix[4]arene. AIP Conference Proceedings, 2022, , .	0.4	0