

# Luidmila S Yakimova

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

513  
citations

623734

14  
h-index

677142

22  
g-index

29  
all docs

29  
docs citations

29  
times ranked

376  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surfactant Effect on the Physicochemical Characteristics of Solid Lipid Nanoparticles Based on Pillar[5]arenes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 779.	4.1	4
2	Micelleplexes and polyplexes with DNA from salmon sperm based on pillar[5]arenes and thiacalix[4]arene. <i>AIP Conference Proceedings</i> , 2022, , .	0.4	0
3	Structure-Activity Relationship of the Thiacalix[4]arenes Family with Sulfobetaine Fragments: Self-Assembly and Cytotoxic Effect against Cancer Cell Lines. <i>Molecules</i> , 2022, 27, 1364.	3.8	2
4	Supramolecular approaches to the formation of nanostructures based on phosphonate-thiacalix[4]arenes, their selective lysozyme recognition. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 611, 125897.	4.7	10
5	Self-Assembling Systems Based on Pillar[5]arenes and Surfactants for Encapsulation of Diagnostic Dye DAPI. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6038.	4.1	13
6	Functional supramolecular systems: design and applications. <i>Russian Chemical Reviews</i> , 2021, 90, 895-1107.	6.5	93
7	Nanostructured Polyelectrolyte Complexes Based on Water-Soluble Thiacalix[4]Arene and Pillar[5]Arene: Self-Assembly in Micelleplexes and Polyplexes at Packaging DNA. <i>Nanomaterials</i> , 2020, 10, 777.	4.1	5
8	Monosubstituted pillar[5]arene functionalized with (amino)phosphonate fragments are smart building blocks for constructing nanosized structures with some s- and p-metal cations in the organic phase. <i>New Journal of Chemistry</i> , 2019, 43, 14450-14458.	2.8	11
9	Sulfobetaine derivatives of thiacalix[4]arene: synthesis and supramolecular self-assembly of submicron aggregates with AgI cations. <i>Mendeleev Communications</i> , 2019, 29, 86-88.	1.6	16
10	Interpolyelectrolyte mixed nanoparticles from anionic and cationic thiacalix[4]arenes for selective recognition of model biopolymers. <i>Journal of Molecular Liquids</i> , 2019, 279, 9-17.	4.9	14
11	Synthesis, self-assembly and the effect of the macrocyclic platform on thermal properties of lactic acid oligomer modified by p-tert-butylthiacalix[4]arene. <i>Journal of Molecular Liquids</i> , 2019, 281, 243-251.	4.9	9
12	Hybrid multicyclophanes based on thiacalix[4]arene and pillar[5]arene: synthesis and influence on the formation of polyaniline. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2780-2786.	4.5	12
13	Self-assembled fractal hybrid dendrites from water-soluble anionic (thia)calix[4] arenes and Ag <sup>+</sup> . <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	1.9	18
14	Pillar[5]arenes Bearing Amide and Carboxylic Groups as Synthetic Receptors for Alkali Metal Ions. <i>Macrocyclics</i> , 2017, 10, 226-232.	0.5	27
15	Systems Based on Calixarenes as the Basis for the Creation of Catalysts and Nanocontainers. , 2016, , 85-110.		2
16	Selective stepwise oxidation of 1,4-decamethoxypillar[5]arene. <i>New Journal of Chemistry</i> , 2015, 39, 9215-9220.	2.8	23
17	p-tert-Butyl Thiacalix[4]arene Derivatives Functionalized in the Lower Rim with Bis(3-aminopropyl)amine: Synthesis and Interaction with DNA. <i>Macrocyclics</i> , 2015, 8, 75-80.	0.5	19
18	Water-Soluble Pillar[5]arenes: Synthesis and Characterization of the Inclusion Complexes with p-Toluenesulfonic Acid. <i>Macrocyclics</i> , 2015, 8, 128-134.	0.5	27

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19	ELECTROCHEMICAL BEHAVIOR OF PILLAR[5]ARENE ON GLASSY CARBON ELECTRODE AND ITS INTERACTION WITH Cu <sup>2+</sup> AND Ag <sup>+</sup> IONS. <i>Electrochimica Acta</i> , 2014, 147, 726-734.	5.2	35
20	MALDI-TOF MS and Morphology Studies of Thiacalixarene-Silsesquioxane Products of Oligo- and Polycondensation. <i>Silicon</i> , 2014, 6, 215-226.	3.3	8
21	The synthesis of phosphorylated silsesquioxanes and the investigation of the ability to aggregation and interaction with aromatic dicarboxylic acids. <i>Journal of Organometallic Chemistry</i> , 2014, 772-773, 84-92.	1.8	4
22	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. <i>Macroheterocycles</i> , 2014, 7, 337-344.	0.5	15
23	Pillar[5]arenes with Morpholide and Pyrrolidide Substituents: Synthesis and Complex Formation with Alkali Metal Ions. <i>Macroheterocycles</i> , 2014, 7, 351-357.	0.5	25
24	Synthesis of hybrid nano- and micro-sized particles on the base of colloid silica and thiacalix[4]arene derivatives. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	14
25	Unusually High Efficiency of $\beta$ -Cyclodextrin Clathrate Preparation by Water-Free Solid-Phase Guest Exchange. <i>Journal of Physical Chemistry B</i> , 2013, 117, 14544-14556.	2.6	20
26	Synthesis of Photo-Switchable Derivatives of p-tert-Butyl Thiacalix[4]arenes Containing Ethoxycarbonyl and 4-Amidoazobenzene Fragments in the Lower Rim Substituents. <i>Macroheterocycles</i> , 2013, 6, 219-226.	0.5	10
27	Silica Nanoparticles with Proton Donor and Proton Acceptor Groups: Synthesis and Aggregation. <i>Silicon</i> , 2011, 3, 5-12.	3.3	11
28	Molecular Recognition of Organic Vapors by Adamantylcalix[4]arene in QCM Sensor Using Partial Binding Reversibility. <i>Journal of Physical Chemistry B</i> , 2008, 112, 15569-15575.	2.6	45
29	Guest exchange in dimeric capsules of a tetraurea calix[4]arene in the solid state. <i>Chemical Communications</i> , 2006, , 3897-3899.	4.1	21