

Alena A Vavilova

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	2D Monomolecular Nanosheets Based on Thiacalixarene Derivatives: Synthesis, Solid State Self-Assembly and Crystal Polymorphism. <i>Nanomaterials</i> , 2020, 10, 2505.	4.1	3
3	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
4	p-tert-Butylthiacalix[4]arenes functionalized by N-(4-nitrophenyl)acetamide and N,N-diethylacetamide fragments: synthesis and binding of anionic guests. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 1940-1949.	2.2	10
5	Iminodiacetic Derivatives of p-tert-Butylthiacalix[4]arene: Synthesis and Influence of Conformation on the Aggregation with Bismarck Brown Y. <i>Macroheterocycles</i> , 2017, 10, 154-163.	0.5	20
6	Systems Based on Calixarenes as the Basis for the Creation of Catalysts and Nanocontainers. , 2016, , 85-110.		2
7	Selective fluoride ion recognition by a thiacalix[4]arene receptor containing N-(4-nitrophenyl)acetamide and 1-amidoanthraquinone fragments. <i>Mendeleev Communications</i> , 2016, 26, 508-510.	1.6	12
8	Synthesis of Three Stereoisomers of p-tert-Butylthiacalix[4]arene Substituted with (Ethoxycarbonyl)methoxy and Fluorescent 1-Amidoanthraquinone Fragments. <i>Macroheterocycles</i> , 2016, 9, 294-300.	0.5	8
9	p-tert-Butyl Thiacalix[4]arene Derivatives Functionalized in the Lower Rim with Bis(3-aminopropyl)amine: Synthesis and Interaction with DNA. <i>Macroheterocycles</i> , 2015, 8, 75-80.	0.5	19
10	MALDI-TOF MS and Morphology Studies of Thiacalixarene-Silsesquioxane Products of Oligo- and Polycondensation. <i>Silicon</i> , 2014, 6, 215-226.	3.3	8
11	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
12	Synthesis of hybrid nano- and microsized particles on the base of colloid silica and thiacalix[4]arene derivatives. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	14
13	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
14	Synthesis and Fluorescence Properties of Lower Rim Functionalized p-tert-Butyl Thiacalix[4]arenes Containing Anthraquinone and N,N-Diethylacetamide Fragments. <i>Macroheterocycles</i> , 2012, 5, 396-403.	0.5	4