

Diana A Mironova

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

253
citations

840776

11
h-index

996975

15
g-index

24
all docs

24
docs citations

24
times ranked

257
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal violet dye in complexes with amphiphilic anionic calix[4]resorcinarenes: Binding by aggregates and individual molecules. <i>Journal of Colloid and Interface Science</i> , 2013, 407, 148-154.	9.4	25
2	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. <i>New Journal of Chemistry</i> , 2018, 42, 2942-2951.	2.8	22
3	Clickable thiacalix[4]arene derivatives bearing polymerizable 1,3-butadiyne fragments: synthesis and incorporation into polydiacetylene vesicles. <i>RSC Advances</i> , 2016, 6, 44873-44877.	3.6	20
4	Thiacalix[4]arene-functionalized vesicles as phosphorescent indicators for pyridoxine detection in aqueous solution. <i>RSC Advances</i> , 2015, 5, 101177-101185.	3.6	18
5	Synthesis of new p-tert-butylcalix[4]arene-based polyammonium triazolyl amphiphiles and their binding with nucleoside phosphates. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 1980-1993.	2.2	16
6	Influence of amidoammonium calix[4]resorcinarenes on methyl orange protolytic equilibrium: supramolecular indicator systems. <i>Supramolecular Chemistry</i> , 2013, 25, 831-841.	1.2	15
7	New Amphiphilic Imidazolium/Benzimidazolium Calix[4]arene Derivatives: Synthesis, Aggregation Behavior and Decoration of DPPC Vesicles for Suzuki Coupling in Aqueous Media. <i>Nanomaterials</i> , 2020, 10, 1143.	4.1	15
8	Sorption of azo dyes from aqueous solutions by tetradodecyloxybenzylcalix[4]resorcinarene derivatives. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012, 74, 467-472.	1.6	13
9	Detection of sulfate surface-active substances via fluorescent response using new amphiphilic thiacalix[4]arenes bearing cationic headgroups with Eosin Y dye. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 515, 41-49.	4.7	13
10	Investigation of Tetramethylenesulfonated Calix[4]resorcinarene Interactions with Azo Dyes in Aqueous Solution. <i>Journal of Physical Chemistry B</i> , 2010, 114, 13152-13158.	2.6	12
11	Polycationic Derivatives of p-tert-Butylthiacalix[4]arene in 1,3-alternate Stereoisomeric Form: New DNA Condensing Agents. <i>Macrocyclic Chemistry</i> , 2016, 9, 433-441.	0.5	12
12	Amidoamine calix[4]resorcinarene-based oligomers and polymers as efficient sorbents of azo dyes from water. <i>Supramolecular Chemistry</i> , 2015, 27, 595-605.	1.2	10
13	Azocalix[4]arene-Rhodamine Supramolecular Hypoxia-Sensitive Systems: A Search for the Best Calixarene Hosts and Rhodamine Guests. <i>Molecules</i> , 2021, 26, 5451.	3.8	10
14	Interactions of New bis-Ammonium Thiacalix[4]arene Derivatives in 1,3-Alternate Stereoisomeric Form with Bovine Serum Albumin. <i>BioNanoScience</i> , 2016, 6, 427-430.	3.5	8
15	Amphiphilic Pd ^{II} –NHC Complexes on 1,3-Alternate p-tert-Butylthiacalix[4]arene Platform: Synthesis and Catalytic Activities in Coupling and Hydrogenation Reactions. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 2180-2189.	2.4	7
16	New Amphiphilic Calix[4]Arene Derivatives with 4,5-Dicarboxytriazolyl Fragments: Synthesis and Use in Micellar Catalysis. <i>Russian Journal of Physical Chemistry B</i> , 2019, 13, 401-407.	1.3	6
17	New Calix[4]arene–Fluorescein Conjugate by Click Approach: Synthesis and Preparation of Photocatalytically Active Solid Lipid Nanoparticles. <i>Molecules</i> , 2022, 27, 2436.	3.8	6
18	Complexes of tetramethylenesulfonatocalix[4]resorcinarene aggregates with methyl orange: Interactions with guests and driving force of color response. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 468, 339-345.	4.7	5

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19	New Amphiphilic Bowl-Shaped Receptors on the Basis of Calix[4]arenes in Cone Conformation: Synthesis, Self-Aggregation and Eosin Y Dye Binding. <i>Macrocyclics</i> , 2015, 8, 409-414.	0.5	5
20	Imidazolium p-tert-Butylthiacalix[4]arene Amphiphiles' Aggregation in Water Solutions and Binding with Adenosine 5'-Triphosphate Dipotassium Salt. <i>BioNanoScience</i> , 2018, 8, 337-343.	3.5	4
21	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. <i>RSC Advances</i> , 2021, 11, 584-591.	3.6	4
22	NHC Polymeric Particles Obtained by Self-Assembly and Click Approach of Calix[4]Arene Amphiphiles as Support for Catalytically Active Pd Nanoclusters. <i>Molecules</i> , 2021, 26, 6864.	3.8	4
23	New copper-containing catalysts based on modified amorphous silica and their use in flow azide-alkyne cycloaddition. <i>Russian Chemical Bulletin</i> , 2018, 67, 461-468.	1.5	3