

# Diana A Mironova

## List of Publications by Year in descending order

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23  
papers

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840776

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#	ARTICLE	IF	CITATIONS
1	New Calix[4]areneâ€”Fluoresceine Conjugate by Click Approachâ€”Synthesis and Preparation of Photocatalytically Active Solid Lipid Nanoparticles. <i>Molecules</i> , 2022, 27, 2436.	3.8	6
2	New poly-imidazoliumâ€”triazole particles by CuAAC cross-linking of calix[4]arene bis-azide/alkyne amphiphiles â€” a prospective support for Pd in the Mizorokiâ€”Heck reaction. <i>RSC Advances</i> , 2021, 11, 584-591.	3.6	4
3	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
4	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
5	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
6	Amphiphilic Pd<sup>II</sup>â€”NHC Complexes on <i>1,3</i>-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
7	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
8	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
9	Imidazolium p-tert-Butylthiacalix[4]arene Amphiphilesâ€”Aggregation in Water Solutions and Binding with Adenosine 5â€”Triphosphate Dipotassium Salt. <i>BioNanoScience</i> , 2018, 8, 337-343.	3.5	4
10	Synthesis of new <i>p-tert</i>-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
11	New copper-containing catalysts based on modified amorphous silica and their use in flow azideâ€”alkyne cycloaddition. <i>Russian Chemical Bulletin</i> , 2018, 67, 461-468.	1.5	3
12	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
13	â€œClickableâ€”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
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	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
16	Complexes of tetramethylsulfonatocalix[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
17	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
18	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

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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>Macrocyclic Chemistry</i> , 2015, 8, 409-414.	0.5	5
20	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
21	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
22	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
23	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