

# Anna Arbuzova

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,909  
citations

361296

20  
h-index

454834

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

2114  
citing authors

#	ARTICLE	IF	CITATIONS
1	Micro- and nano-tubules built from loosely and tightly rolled up thin sheets. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 1292-1301.	1.3	1
2	Self-assembly of a cholesteryl-modified nucleoside into tubular structures from giant unilamellar vesicles. <i>RSC Advances</i> , 2015, 5, 4502-4510.	1.7	4
3	Lipophilic nucleic acids " A flexible construction kit for organization and functionalization of surfaces. <i>Advances in Colloid and Interface Science</i> , 2014, 208, 235-251.	7.0	35
4	DNA-controlled aggregation of virus like particles " mimicking a tetherin-like mechanism. <i>New Journal of Chemistry</i> , 2014, 38, 5181-5185.	1.4	6
5	Furled Membrane Sheets Lead to Self-Assembled Nano- and Microtubes. <i>Biophysical Journal</i> , 2014, 106, 96a.	0.2	0
6	Remote Control of Lipophilic Nucleic Acids Domain Partitioning by DNA Hybridization and Enzymatic Cleavage. <i>Journal of the American Chemical Society</i> , 2012, 134, 20490-20497.	6.6	35
7	Reduction-Sensitive Liposomes from a Multifunctional Lipid Conjugate and Natural Phospholipids: Reduction and Release Kinetics and Cellular Uptake. <i>Langmuir</i> , 2011, 27, 10820-10829.	1.6	63
8	Synthesis of novel amphiphilic conjugates with a biological recognition function for developing targeted triggered liposomal delivery systems. <i>Tetrahedron</i> , 2011, 67, 7763-7774.	1.0	10
9	Microtubes self-assembled from a cholesterol-modified nucleoside. <i>Chemical Communications</i> , 2010, 46, 5358.	2.2	19
10	Linking of Lipids and Other Functions to Uridine through 1,2,3-Triazoles and Membrane Anchoring of the Amphiphilic Products. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1579-1586.	1.2	14
11	Nucleic Acid Diagnostic FRET Particles Based on Layer-by-Layer Technology. <i>Advanced Materials</i> , 2010, 22, 3548-3552.	11.1	10
12	Lipid Domain Specific Recruitment of Lipophilic Nucleic Acids: A Key for Switchable Functionalization of Membranes. <i>Journal of the American Chemical Society</i> , 2010, 132, 16066-16072.	6.6	60
13	Controlled Assembly of Vesicle-Based Nanocontainers on Layer-by-Layer Particles via DNA Hybridization. <i>Small</i> , 2009, 5, 320-323.	5.2	30
14	Lipid Membranes Carrying Lipophilic Cholesterol-Based Oligonucleotides " Characterization and Application on Layer-by-Layer Coated Particles. <i>Journal of Physical Chemistry B</i> , 2009, 113, 16425-16434.	1.2	57
15	Characterization of lipid bilayers adsorbed on spherical LbL-support. <i>Soft Matter</i> , 2009, 5, 3331.	1.2	13
16	Controlled Assembly of Vesicle Layers on Layer-by-layer Particles via DNA Hybridization. <i>Biophysical Journal</i> , 2009, 96, 632a.	0.2	1
17	Synthesis of Nucleosides with Fixed Lipid Anchors and Their Behavior in Phospholipid Membranes. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 1917-1928.	1.2	21
18	Lipid-Anchored Oligonucleotides for Stable Double-Helix Formation in Distinct Membrane Domains. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4440-4444.	7.2	77

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19	The Helically Extended SH3 Domain of the T Cell Adaptor Protein ADAP is a Novel Lipid Interaction Domain. <i>Journal of Molecular Biology</i> , 2005, 348, 1025-1035.	2.0	36
20	Cross-talk unfolded: MARCKS proteins. <i>Biochemical Journal</i> , 2002, 362, 1-12.	1.7	269
21	Cross-talk unfolded: MARCKS proteins. <i>Biochemical Journal</i> , 2002, 362, 1.	1.7	225
22	The role of electrostatic and nonpolar interactions in the association of peripheral proteins with membranes. <i>Current Topics in Membranes</i> , 2002, , 277-307.	0.5	56
23	The Effector Domain of Myristoylated Alanine-rich C Kinase Substrate Binds Strongly to Phosphatidylinositol 4,5-Bisphosphate. <i>Journal of Biological Chemistry</i> , 2001, 276, 5012-5019.	1.6	161
24	Fluorescently labeled neomycin as a probe of phosphatidylinositol-4,5-bisphosphate in membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2000, 1464, 35-48.	1.4	62
25	Membrane Binding of Peptides Containing Both Basic and Aromatic Residues. <i>Experimental Studies with Peptides Corresponding to the Scaffolding Region of Caveolin and the Effector Region of MARCKS</i> . <i>Biochemistry</i> , 2000, 39, 10330-10339.	1.2	155
26	Pore-forming action of mastoparan peptides on liposomes: a quantitative analysis. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1999, 1420, 139-152.	1.4	50
27	Electrostatic Properties of Membranes Containing Acidic Lipids and Adsorbed Basic Peptides: Theory and Experiment. <i>Biophysical Journal</i> , 1999, 77, 3176-3188.	0.2	173
28	MARCKS, membranes, and calmodulin: kinetics of their interaction. <i>BBA - Biomembranes</i> , 1998, 1376, 369-379.	7.9	112
29	Kinetics of Interaction of the Myristoylated Alanine-rich C Kinase Substrate, Membranes, and Calmodulin. <i>Journal of Biological Chemistry</i> , 1997, 272, 27167-27177.	1.6	78
30	Pore kinetics reflected in the dequenching of a lipid vesicle entrapped fluorescent dye. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1995, 1239, 51-57.	1.4	68