Anna Arbuzova

List of Publications by Year
in descending order

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	Cross-talk unfolded: MARCKS proteins. Biochemical Journal, 2002, 362, 1-12.	1.7	269
2	Cross-talk unfolded: MARCKS proteins. Biochemical Journal, 2002, 362, 1.	1.7	225
3	Electrostatic Properties of Membranes Containing Acidic Lipids and Adsorbed Basic Peptides: Theory and Experiment. Biophysical Journal, 1999, 77, 3176-3188.	0.2	173
4	The Effector Domain of Myristoylated Alanine-rich C Kinase Substrate Binds Strongly to Phosphatidylinositol 4,5-Bisphosphate. Journal of Biological Chemistry, 2001, 276, 5012-5019.	1.6	161
5	Membrane Binding of Peptides Containing Both Basic and Aromatic Residues. Experimental Studies with Peptides Corresponding to the Scaffolding Region of Caveolin and the Effector Region of MARCKS. Biochemistry, 2000, 39, 10330-10339.	1.2	155
6	MARCKS, membranes, and calmodulin: kinetics of their interaction. BBA - Biomembranes, 1998, 1376, 369-379.	7.9	112
7	Kinetics of Interaction of the Myristoylated Alanine-rich C Kinase Substrate, Membranes, and Calmodulin. Journal of Biological Chemistry, 1997, 272, 27167-27177.	1.6	78
8	Lipid-Anchored Oligonucleotides for Stable Double-Helix Formation in Distinct Membrane Domains. Angewandte Chemie - International Edition, 2006, 45, 4440-4444.	7.2	77
9	Pore kinetics reflected in the dequenching of a lipid vesicle entrapped fluorescent dye. Biochimica Et Biophysica Acta - Biomembranes, 1995, 1239, 51-57.	1.4	68
10	Reduction-Sensitive Liposomes from a Multifunctional Lipid Conjugate and Natural Phospholipids: Reduction and Release Kinetics and Cellular Uptake. Langmuir, 2011, 27, 10820-10829.	1.6	63
11	Fluorescently labeled neomycin as a probe of phosphatidylinositol-4,5-bisphosphate in membranes. Biochimica Et Biophysica Acta - Biomembranes, 2000, 1464, 35-48.	1.4	62
12	Lipid Domain Specific Recruitment of Lipophilic Nucleic Acids: A Key for Switchable Functionalization of Membranes. Journal of the American Chemical Society, 2010, 132, 16066-16072.	6.6	60
13	Lipid Membranes Carrying Lipophilic Cholesterol-Based Oligonucleotidesâ€"Characterization and Application on Layer-by-Layer Coated Particles. Journal of Physical Chemistry B, 2009, 113, 16425-16434.	1.2	57
14	The role of electrostatic and nonpolar interactions in the association of peripheral proteins with membranes. Current Topics in Membranes, 2002, , 277-307.	0.5	56
15	Pore-forming action of mastoparan peptides on liposomes: a quantitative analysis. Biochimica Et Biophysica Acta - Biomembranes, 1999, 1420, 139-152.	1.4	50
16	The Helically Extended SH3 Domain of the T Cell Adaptor Protein ADAP is a Novel Lipid Interaction Domain. Journal of Molecular Biology, 2005, 348, 1025-1035.	2.0	36
17	Remote Control of Lipophilic Nucleic Acids Domain Partitioning by DNA Hybridization and Enzymatic Cleavage. Journal of the American Chemical Society, 2012, 134, 20490-20497.	6.6	35
18	Lipophilic nucleic acids â€" A flexible construction kit for organization and functionalization of surfaces. Advances in Colloid and Interface Science, 2014, 208, 235-251.	7.0	35

#	Article	IF	Citations
19	Controlled Assembly of Vesicleâ€Based Nanocontainers on Layerâ€byâ€Layer Particles via DNA Hybridization. Small, 2009, 5, 320-323.	5.2	30
20	Synthesis of Nucleosides with 2â€²â€Fixed Lipid Anchors and Their Behavior in Phospholipid Membranes. European Journal of Organic Chemistry, 2008, 2008, 1917-1928.	1.2	21
21	Microtubes self-assembled from a cholesterol-modified nucleoside. Chemical Communications, 2010, 46, 5358.	2.2	19
22	2â€²â€Linking of Lipids and Other Functions to Uridine through 1,2,3â€Triazoles and Membrane Anchoring of the Amphiphilic Products. European Journal of Organic Chemistry, 2010, 2010, 1579-1586.	1.2	14
23	Characterization of lipid bilayers adsorbed on spherical LbL-support. Soft Matter, 2009, 5, 3331.	1.2	13
24	Nucleic Acid Diagnostic FRET Particles Based on Layerâ€byâ€Layer Technology. Advanced Materials, 2010, 22, 3548-3552.	11.1	10
25	Synthesis of novel amphiphilic conjugates with a biological recognition function for developing targeted triggered liposomal delivery systems. Tetrahedron, 2011, 67, 7763-7774.	1.0	10
26	DNA-controlled aggregation of virus like particles â€“ mimicking a tetherin-like mechanism. New Journal of Chemistry, 2014, 38, 5181-5185.	1.4	6
27	Self-assembly of a cholesteryl-modified nucleoside into tubular structures from giant unilamellar vesicles. RSC Advances, 2015, 5, 4502-4510.	1.7	4
28	Controlled Assembly of Vesicle Layers on Layer-by-layer Particles via DNA Hybridization. Biophysical Journal, 2009, 96, 632a.	0.2	1
29	Micro- and nano-tubules built from loosely and tightly rolled up thin sheets. Physical Chemistry Chemical Physics, 2016, 18, 1292-1301.	1.3	1
30	Furled Membrane Sheets Lead to Self-Assembled Nano- and Microtubes. Biophysical Journal, 2014, 106, 96a.	0.2	0