

Agnes Csiszár

List of Publications by Year in descending order

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27
papers

876
citations

566801

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h-index

552369

26
g-index

28
all docs

28
docs citations

28
times ranked

1281
citing authors

#	ARTICLE	IF	CITATIONS
1	Aging-Induced Dysregulation of Dicer1-Dependent MicroRNA Expression Impairs Angiogenic Capacity of Rat Cerebromicrovascular Endothelial Cells. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013, 68, 877-891.	1.7	122
2	Fusogenic Liposomes as Nanocarriers for the Delivery of Intracellular Proteins. <i>Langmuir</i> , 2017, 33, 1051-1059.	1.6	111
3	Novel Fusogenic Liposomes for Fluorescent Cell Labeling and Membrane Modification. <i>Bioconjugate Chemistry</i> , 2010, 21, 537-543.	1.8	96
4	Fluorescent Lipids: Functional Parts of Fusogenic Liposomes and Tools for Cell Membrane Labeling and Visualization. <i>Molecules</i> , 2012, 17, 1055-1073.	1.7	78
5	Deciphering the Functional Composition of Fusogenic Liposomes. <i>International Journal of Molecular Sciences</i> , 2018, 19, 346.	1.8	65
6	Resveratrol Encapsulated in Novel Fusogenic Liposomes Activates Nrf2 and Attenuates Oxidative Stress in Cerebromicrovascular Endothelial Cells From Aged Rats. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 303-313.	1.7	56
7	Mechanical Properties of Bare and Protein-Coated Giant Unilamellar Phospholipid Vesicles. A Comparative Study of Micropipet Aspiration and Atomic Force Microscopy. <i>Langmuir</i> , 2010, 26, 11041-11049.	1.6	49
8	Fusogenic liposomes effectively deliver resveratrol to the cerebral microcirculation and improve endothelium-dependent neurovascular coupling responses in aged mice. <i>GeroScience</i> , 2019, 41, 711-725.	2.1	45
9	Functional integrity of the contractile actin cortex is safeguarded by multiple Diaphanous-related formins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3594-3603.	3.3	33
10	The phase transition behavior of 1,2-dipalmitoyl-sn-glycero-3-phosphocholine (DPPC) model membrane influenced by 2,4-dichlorophenol – an FT-Raman Spectroscopy Study. <i>Chemistry and Physics of Lipids</i> , 2006, 139, 115-124.	1.5	29
11	Effect of 2,4-dichlorophenol on DPPC/water liposomes studied by X-ray and freeze-fracture electron microscopy. <i>Chemistry and Physics of Lipids</i> , 2003, 126, 155-166.	1.5	21
12	On the Interpretation of the 1100 cm ⁻¹ Raman Band in Phospholipids and Other Alkyl-Containing Molecular Entities. <i>Journal of Physical Chemistry B</i> , 2006, 110, 5842-5844.	1.2	20
13	Complex Size and Surface Charge Determine Nucleic Acid Transfer by Fusogenic Liposomes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2244.	1.8	20
14	Changing the Way of Entrance: Highly Efficient Transfer of mRNA and siRNA via Fusogenic Nano-Carriers. <i>Journal of Biomedical Nanotechnology</i> , 2019, 15, 170-183.	0.5	19
15	Influence of Environmental Conditions on the Fusion of Cationic Liposomes with Living Mammalian Cells. <i>Nanomaterials</i> , 2019, 9, 1025.	1.9	18
16	Sensitivity to Strain and Shear Stress of Isolated Mechanosensitive Enteric Neurons. <i>Neuroscience</i> , 2018, 372, 213-224.	1.1	16
17	A bioanalytical assay to distinguish cellular uptake routes for liposomes. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016, 89, 301-308.	1.1	14
18	Plasma membrane functionalization using highly fusogenic immune activator liposomes. <i>Acta Biomaterialia</i> , 2014, 10, 1403-1411.	4.1	13

#	ARTICLE	IF	CITATIONS
19	Title is missing!. Magyar Árvad Képzelmények, 2002, 69, 53-63.	1.4	12
20	Biotin-conjugated fusogenic liposomes for high-quality cell purification. Journal of Biomaterials Applications, 2016, 30, 846-856.	1.2	10
21	Double-Shell Giant Vesicles Mimicking Gram-Negative Cell Wall Behavior during Dehydration. Langmuir, 2009, 25, 5753-5761.	1.6	9
22	Delivery of the Radionuclide ¹³¹ I Using Cationic Fusogenic Liposomes as Nanocarriers. International Journal of Molecular Sciences, 2021, 22, 457.	1.8	7
23	Detecting the Effect of Very Low Amounts of Penetrants in Lipid Bilayers Using Raman Spectroscopy. Journal of Physical Chemistry B, 2006, 110, 20727-20728.	1.2	6
24	A variational approach to vesicle membrane reconstruction from fluorescence imaging. Pattern Recognition, 2011, 44, 2944-2958.	5.1	3
25	The Basement Membrane in a 3D Breast Acini Model Modulates Delivery and Anti-Proliferative Effects of Liposomal Anthracyclines. Pharmaceuticals, 2020, 13, 256.	1.7	3
26	Fluorescence Correlation Spectroscopy Reveals Interaction of Some Microdomain-Associated Lipids with Cellular Focal Adhesion Sites. International Journal of Molecular Sciences, 2020, 21, 8149.	1.8	1
27	Vesicle systems for mimicking the effects of 2,4-dichlorophenol on cell membranes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2003, 230, 201-206.	2.3	0