Victoria Vitkova

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4358316/publications.pdf

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23	425	840776 11	713466 21
papers	citations	h-index	g-index

25	25	25	438
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dielectric Properties of Phosphatidylcholine Membranes and the Effect of Sugars. Membranes, 2021, 11, 847.	3.0	11
2	Surface Properties of Synaptosomes in the Presence of L-Glutamic and Kainic Acids: In Vitro Alteration of the ATPase and Acetylcholinesterase Activities. Membranes, 2021, 11, 987.	3.0	2
3	Polylysine effect on thylakoid membranes. Biophysical Chemistry, 2020, 266, 106440.	2.8	5
4	Elasticity and phase behaviour of biomimetic membrane systems containing tetraether archaeal lipids. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 601, 124974.	4.7	9
5	Mechanical and electrical properties of biomimetic membranes in the presence of sweeteners. AIP Conference Proceedings, 2019, , .	0.4	0
6	Synthesis, characterization and anticonvulsant activity of new azobenzene-containing VV-hemorphin-5 bio photoswitch. Amino Acids, 2019, 51, 549-563.	2.7	14
7	Sucrose solutions alter the electric capacitance and dielectric permittivity of lipid bilayers. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 557, 51-57.	4.7	22
8	The aqueous surroundings alter the bending rigidity of lipid membranes. Russian Journal of Electrochemistry, 2016, 52, 1172-1178.	0.9	10
9	Phospholipase A2-Induced Remodeling Processes on Liquid-Ordered/Liquid-Disordered Membranes Containing Docosahexaenoic or Oleic Acid: A Comparison Study. Langmuir, 2016, 32, 1756-1770.	3.5	14
10	Digital holographic microscopy as a tool to study the thermal shape fluctuations of lipid vesicles. Optics Letters, 2016, 41, 1833.	3.3	11
11	Lyso- and omega-3-containing phosphatidylcholines alter the bending elasticity of lipid membranes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 460, 191-195.	4.7	7
12	Bending rigidity of phosphatidylserine-containing lipid bilayers in acidic aqueous solutions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 460, 71-78.	4.7	11
13	Lipid Bilayers and Membranes. Behavior Research Methods, 2013, 17, 89-138.	4.0	15
14	Registration and analysis of the shape fluctuations of nearly spherical lipid vesicles. Physical Review E, 2013, 88, 022707.	2.1	45
15	Charged Lipid Bilayers in Aqueous Surroundings with Low pH. Behavior Research Methods, 2013, 18, 1-20.	4.0	2
16	Dynamics of Lipid Vesicles. Behavior Research Methods, 2011, , 257-292.	4.0	13
17	Deformation of giant vesicles in AC electric fields â€"Dependence of the prolate-to-oblate transition frequency on vesicle radius. Europhysics Letters, 2010, 89, 38004.	2.0	17
18	Micro-Macro Link in Rheology of Erythrocyte and Vesicle Suspensions. Biophysical Journal, 2008, 95, L33-L35.	0.5	72

#	Article	IF	Citations
19	Mechanical Properties of Lipid Bilayers Containing Grafted Lipids. Perspectives in Supramolecular Chemistry, 2007, , 207-219.	0.1	2
20	Alamethicin influence on the membrane bending elasticity. European Biophysics Journal, 2006, 35, 281-286.	2.2	55
21	Deformation of vesicles flowing through capillaries. Europhysics Letters, 2004, 68, 398-404.	2.0	58
22	Permeability and the hidden area of lipid bilayers. European Biophysics Journal, 2004, 33, 706-714.	2.2	27
23	Title is missing!. Journal of Materials Science: Materials in Electronics, 2003, 14, 819-820.	2.2	3