Chad Leidy

List of Publications by Year
in descending order

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Version: 2024-02-01

24	888	623734	642732
papers	citations	14 h-index	23 g-index

25	25	25	1080
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Carotenogenesis of Staphylococcus aureus: New insights and impact on membrane biophysical properties. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2021, 1866, 158941.	2.4	8
2	Cardiolipin prevents pore formation in phosphatidylglycerol bacterial membrane models. FEBS Letters, 2021, 595, 2701-2714.	2.8	9
3	Sulfatide-Rich Liposome Uptake by a Human-Derived Neuroblastoma Cell Line. Processes, 2020, 8, 1615.	2.8	2
4	Variations in carotenoid content and acyl chain composition in exponential, stationary and biofilm states of Staphylococcus aureus, and their influence on membrane biophysical properties. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 978-987.	2.6	18
5	Biophysical evaluation of cardiolipin content as a regulator of the membrane lytic effect of antimicrobial peptides. Biophysical Chemistry, 2018, 238, 8-15.	2.8	31
6	Phage preparation FBL1 prevents Bacillus licheniformis biofilm, bacterium responsible for the mortality of the Pacific White Shrimp Litopenaeus vannamei. Aquaculture, 2018, 484, 160-167.	3.5	13
7	Antimicrobial activity and interactions of cationic peptides derived from Galleria mellonella cecropin D-like peptide with model membranes. Journal of Antibiotics, 2017, 70, 238-245.	2.0	40
8	Mechanical properties that influence antimicrobial peptide activity in lipid membranes. Applied Microbiology and Biotechnology, 2016, 100, 10251-10263.	3.6	26
9	Exploring the Local Elastic Properties of Bilayer Membranes Using Molecular Dynamics Simulations. Journal of Physical Chemistry B, 2014, 118, 12883-12891.	2.6	9
10	S. Aureus Adapt to Growth Conditions by Changing Membrane Order. Biophysical Journal, 2014, 106, 580a.	0.5	4
11	Sulfocerebrosides upregulate liposome uptake in human astrocytes without inducing a proinflammatory response. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2013, 83A, 627-635.	1.5	6
12	Membrane Restructuring by Phospholipase A2 Is Regulated by the Presence of Lipid Domains. Biophysical Journal, 2011, 101, 90-99.	0.5	19
13	The antibacterial activity of phospholipase A2 type IIA is regulated by the cooperative lipid chain melting behavior in Staphylococcus aureus. Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 1021-1028.	2.6	6
14	Macroscopic domain formation during cooling in the platelet plasma membrane: An issue of low cholesterol content. Biochimica Et Biophysica Acta - Biomembranes, 2009, 1788, 1229-1237.	2.6	18
15	Domain-Induced Activation of Human Phospholipase A2 Type IIA: Local versus Global Lipid Composition. Biophysical Journal, 2006, 90, 3165-3175.	0.5	70
16	Stabilization of Liposomes by Freeze-Drying. , 2006, , 261-284.		2
17	Activation of interfacial enzymes at membrane surfaces. Journal of Physics Condensed Matter, 2006, 18, S1293-S1304.	1.8	64
18	Lipid Phase Behavior and Stabilization of Domains in Membranes of Platelets. Cell Biochemistry and Biophysics, 2004, 40, 123-148.	1.8	29

#	Article	IF	Citations
19	Evolution of a Rippled Membrane during Phospholipase A2 Hydrolysis Studied by Time-Resolved AFM. Biophysical Journal, 2004, 87, 408-418.	0.5	52
20	Trehalose Maintains Phase Separation in an Air-Dried Binary Lipid Mixture. Biophysical Journal, 2003, 84, 3045-3051.	0.5	93
21	Temperature-Controlled Structure and Kinetics of Ripple Phases in One- and Two-Component Supported Lipid Bilayers. Biophysical Journal, 2003, 85, 350-360.	0.5	123
22	Ripples and the Formation of Anisotropic Lipid Domains: Imaging Two-Component Supported Double Bilayers by Atomic Force Microscopy. Biophysical Journal, 2002, 83, 2625-2633.	0.5	107
23	Lateral Organization and Domain Formation in a Two-Component Lipid Membrane System. Biophysical Journal, 2001, 80, 1819-1828.	0.5	103
24	In Situ Atomic Force Microscope Imaging of Supported Lipid Bilayers. Single Molecules, 2001, 2, 105-108.	0.9	35