Antje Pokorny Almeida

List of Publications by Year
in descending order

22	1,508	471509 17	677142 22
papers	citations	h-index	g-index

22	22	22	1677
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mechanisms of Antimicrobial, Cytolytic, and Cell-Penetrating Peptides: From Kinetics to Thermodynamics. Biochemistry, 2009, 48, 8083-8093.	2.5	242
2	Mechanism of the Cell-Penetrating Peptide Transportan 10 Permeation of Lipid Bilayers. Biophysical Journal, 2007, 92, 2434-2444.	0.5	161
3	Kinetics of Dye Efflux and Lipid Flip-Flop Induced by Î´-Lysin in Phosphatidylcholine Vesicles and the Mechanism of Graded Release by Amphipathic, Î±-Helical Peptides. Biochemistry, 2004, 43, 8846-8857.	2.5	135
4	A Quantitative Model for the All-or-None Permeabilization of Phospholipid Vesicles by the Antimicrobial Peptide Cecropin A. Biophysical Journal, 2008, 94, 1667-1680.	0.5	129
5	Mechanism and Kinetics of Î´-Lysin Interaction with Phospholipid Vesiclesâ€. Biochemistry, 2002, 41, 11044-11056.	2.5	116
6	Magainin 2 Revisited: A Test of the Quantitative Model for the All-or-None Permeabilization of Phospholipid Vesicles. Biophysical Journal, 2009, 96, 116-131.	0.5	114
7	Investigation of Domain Formation in Sphingomyelin/Cholesterol/POPC Mixtures by Fluorescence Resonance Energy Transfer and Monte Carlo Simulations. Biophysical Journal, 2007, 92, 2422-2433.	0.5	111
8	Temperature and Composition Dependence of the Interaction of Î´-Lysin with Ternary Mixtures of Sphingomyelin/Cholesterol/POPC. Biophysical Journal, 2006, 91, 2184-2197.	0.5	97
9	Lysyl-Phosphatidylglycerol Attenuates Membrane Perturbation Rather than Surface Association of the Cationic Antimicrobial Peptide 6W-RP-1 in a Model Membrane System: Implications for Daptomycin Resistance. Antimicrobial Agents and Chemotherapy, 2010, 54, 4476-4479.	3.2	82
10	Permeabilization of Raft-Containing Lipid Vesicles by Î´-Lysin:â€‰ A Mechanism for Cell Sensitivity to Cytotoxic Peptides. Biochemistry, 2005, 44, 9538-9544.	2.5	68
11	Daptomycinâ€“Phosphatidylglycerol Domains in Lipid Membranes. Langmuir, 2017, 33, 13669-13679.	3.5	39
12	Kinetics of Amphiphile Association with Two-Phase Lipid Bilayer Vesicles. Biophysical Journal, 2000, 78, 267-280.	0.5	32
13	Lysylated phospholipids stabilize models of bacterial lipid bilayers and protect against antimicrobial peptides. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 2198-2204.	2.6	32
14	The Activity of the Amphipathic Peptide Î´-Lysin Correlates with Phospholipid Acyl Chain Structure and Bilayer Elastic Properties. Biophysical Journal, 2008, 95, 4748-4755.	0.5	27
15	Branched phospholipids render lipid vesicles more susceptible to membrane-active peptides. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 988-994.	2.6	24
16	Binding of Daptomycin to Anionic Lipid Vesicles Is Reduced in the Presence of Lysyl-Phosphatidylglycerol. Antimicrobial Agents and Chemotherapy, 2016, 60, 5051-5053.	3.2	20
17	Lipidomic and Ultrastructural Characterization of the Cell Envelope of Staphylococcus aureus Grown in the Presence of Human Serum. MSphere, 2020, 5, .	2.9	19
18	The Antibiotic Peptide Daptomycin Functions by Reorganizing the Membrane. Journal of Membrane Biology, 2021, 254, 97-108.	2.1	17

#	Article	IF	Citations
19	Binding and Permeabilization of Model Membranes by Amphipathic Peptides. Methods in Molecular Biology, 2010, 618, 155-169.	0.9	17
20	Lipid composition and thermal properties of the blubber of Gervaisâ€™ beaked whale (<i>Mesoplodon) Tj ETQq0 0 0 rgBT /Overlock 10	1.8	10
21	A Quantitative Model of Daptomycin Binding to Lipid Bilayers. Journal of Physical Chemistry B, 2018, 122, 9137-9146.	2.6	9
22	On the Origin of Multiphasic Kinetics in Peptide Binding to Phospholipid Vesicles. Journal of Physical Chemistry B, 2012, 116, 951-957.	2.6	7