

Pradip Kumar Tarafdar

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

184
citations

9
h-index

13
g-index

22
ext. papers

217
ext. citations

3.9
avg, IF

2.73
L-index

#	Paper	IF	Citations
20	Wild-type and mutant hemagglutinin fusion peptides alter bilayer structure as well as kinetics and activation thermodynamics of stalk and pore formation differently: mechanistic implications. <i>Biophysical Journal</i> , 2013 , 105, 2495-506	2.9	31
19	Activation thermodynamics of poly(ethylene glycol)-mediated model membrane fusion support mechanistic models of stalk and pore formation. <i>Biophysical Journal</i> , 2012 , 102, 2751-60	2.9	31
18	Phosphatidylserine inhibits and calcium promotes model membrane fusion. <i>Biophysical Journal</i> , 2012 , 103, 1880-9	2.9	24
17	Biophysical investigations on the aggregation and thermal unfolding of harpin(Pss) and identification of leucine-zipper-like motifs in harpins. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009 , 1794, 1684-92	4	16
16	Effect of Hofmeister series anions on the thermotropic phase behavior of bioactive O-acylcholines. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 9900-9	3.4	14
15	Nonclassical Odd-Even Alternation in Mixed-Chain Diacylethanolamines: Implications of Polymorphism. <i>Crystal Growth and Design</i> , 2012 , 12, 1132-1140	3.5	12
14	Phosphatidylserine-Dependent Catalysis of Stalk and Pore Formation by Synaptobrevin JMR-TMD Peptide. <i>Biophysical Journal</i> , 2015 , 109, 1863-72	2.9	10
13	A base-triggerable cationic mixed lipid system: isothermal titration calorimetric and single-crystal X-ray diffraction studies. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 13710-7	3.4	10
12	Structure and phase behavior of O-stearoylethanolamine: a combined calorimetric, spectroscopic and X-ray diffraction study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010 , 1798, 872-81	3.8	9
11	Polymorphism in X-shaped lipids: structure of N-, O-diacylethanolamines with mixed acyl chains. <i>Chemistry and Physics of Lipids</i> , 2009 , 162, 25-33	3.7	6
10	Oligomerization, conformational stability and thermal unfolding of Harpin, HrpZPss and its hypersensitive response-inducing c-terminal fragment, C-214-HrpZPss. <i>PLoS ONE</i> , 2014 , 9, e109871	3.7	6
9	Translation of Mycobacterium Survival Strategy to Develop a Lipo-peptide based Fusion Inhibitor*. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 6101-6106	16.4	4
8	Structure-activity relationship of heme and its analogues in membrane damage and inhibition of fusion. <i>FEBS Letters</i> , 2018 , 592, 2458-2465	3.8	3
7	A headgroup linker perturbs pK _a via acyl chain migration: designing base-labile supramolecular assemblies. <i>Chemical Communications</i> , 2018 , 54, 4282-4285	5.8	2
6	Thermally stable harpin, HrpZPss is sensitive to chemical denaturants: probing tryptophan environment, chemical and thermal unfolding by fluorescence spectroscopy. <i>Biochimie</i> , 2013 , 95, 2437-44	4.6	2
5	Equimolar mixtures of lysophosphatidylcholine and O-stearoylethanolamine form bilayers. <i>Soft Matter</i> , 2010 , 6, 3459	3.6	2
4	The microenvironment and pK _a perturbation of aminoacyl-tRNA guided the selection of cationic amino acids. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 8049-8056	3.9	2

3	Membrane transport inspired hydrolysis of non-activated esters at near physiological pH. <i>Chemical Communications</i> , 2021 , 57, 11088-11091	5.8	o
2	Hydroxy-Porphyrin as an Effective, Endogenous Molecular Clamp during Early Stages of Amyloid Fibrillization. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 3931-3936	4.5	o
1	Translation of Mycobacterium Survival Strategy to Develop a Lipo-peptide based Fusion Inhibitor**. <i>Angewandte Chemie</i> , 2021 , 133, 6166-6171	3.6	