

Pradip Kumar Tarafdar

List of Publications by Year in descending order

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papers

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citations

933264

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22
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251
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation Thermodynamics of Poly(Ethylene Glycol)-Mediated Model Membrane Fusion Support Mechanistic Models of Stalk and Pore Formation. <i>Biophysical Journal</i> , 2012, 102, 2751-2760.	0.2	41
2	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, 2495-2506.	0.2	40
3	Phosphatidylserine Inhibits and Calcium Promotes Model Membrane Fusion. <i>Biophysical Journal</i> , 2012, 103, 1880-1889.	0.2	31
4	Phosphatidylserine-Dependent Catalysis of Stalk and Pore Formation by Synaptobrevin JMR-TMD Peptide. <i>Biophysical Journal</i> , 2015, 109, 1863-1872.	0.2	18
5	Effect of Hofmeister Series Anions on the Thermotropic Phase Behavior of Bioactive <i>l</i> -Acylcholines. <i>Journal of Physical Chemistry B</i> , 2013, 117, 9900-9909.	1.2	17
6	Biophysical investigations on the aggregation and thermal unfolding of harpinPss and identification of leucine-zipper-like motifs in harpins. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009, 1794, 1684-1692.	1.1	16
7	Translation of Mycobacterium Survival Strategy to Develop a Lipo-peptide based Fusion Inhibitor**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6101-6106.	7.2	16
8	A Base-Triggerable Catanionic Mixed Lipid System: Isothermal Titration Calorimetric and Single-Crystal X-ray Diffraction Studies. <i>Journal of Physical Chemistry B</i> , 2010, 114, 13710-13717.	1.2	15
9	Nonclassical Odd-even Alternation in Mixed-Chain Diacylethanolamines: Implications of Polymorphism. <i>Crystal Growth and Design</i> , 2012, 12, 1132-1140.	1.4	15
10	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, 872-881.	1.4	13
11	Polymorphism in \sim shaped lipids: structure of N-, O-diacylethanolamines with mixed acyl chains. <i>Chemistry and Physics of Lipids</i> , 2009, 162, 25-33.	1.5	8
12	A headgroup linker perturbs pK_a via acyl chain migration: designing base-labile supramolecular assemblies. <i>Chemical Communications</i> , 2018, 54, 4282-4285.	2.2	8
13	Structure-activity relationship of heme and its analogues in membrane damage and inhibition of fusion. <i>FEBS Letters</i> , 2018, 592, 2458-2465.	1.3	7
14	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.	1.5	7
15	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.	1.1	7
16	Thermally stable harpin, HrpZPss is sensitive to chemical denaturants: Probing tryptophan environment, chemical and thermal unfolding by fluorescence spectroscopy. <i>Biochimie</i> , 2013, 95, 2437-2444.	1.3	3
17	Hydroxy-porphyrin as an Effective, Endogenous Molecular Clamp during Early Stages of Amyloid Fibrillization. <i>Chemistry - an Asian Journal</i> , 2021, 16, 3931-3936.	1.7	3
18	Equimolar mixtures of lysophosphatidylcholine and O-stearoylethanolamine form bilayers. <i>Soft Matter</i> , 2010, 6, 3459.	1.2	2

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19	Membrane transport inspired hydrolysis of non-activated esters at near physiological pH. Chemical Communications, 2021, 57, 11088-11091.	2.2	2
20	Translation of Mycobacterium Survival Strategy to Develop a Lipo-peptide based Fusion Inhibitor**. Angewandte Chemie, 2021, 133, 6166-6171.	1.6	0