

Sandeep Kumar

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Interaction of POPG membranes with ionic liquids containing 1-Dodecyl-3-methylbenzimidazolium and 1-Dodecyl-1-methylmorpholinium Cations: Structural details from ^{31}P and ^2H -based solid-state NMR spectroscopy. <i>Journal of Magnetic Resonance Open</i> , 2022, 10-11, 100036.	0.5	5
2	Impact of Lipid Ratio on the Permeability of Mixed Phosphatidylcholine/Phosphatidylglycerol Membranes in the Presence of 1-Dodecyl-3-methylimidazolium Bromide Ionic Liquid. <i>Journal of Physical Chemistry B</i> , 2022, 126, 174-183.	1.2	6
3	Role of cationic head-group in cytotoxicity of ionic liquids: Probing changes in bilayer architecture using solid-state NMR spectroscopy. <i>Journal of Colloid and Interface Science</i> , 2021, 581, 954-963.	5.0	19
4	Cytotoxicity and Membrane Permeability of Double-Chained 1,3-Dialkylimidazolium Cations in Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2021, 125, 3613-3621.	1.2	14
5	Amphiphilic ionic liquid induced fusion of phospholipid liposomes. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 25255-25263.	1.3	15
6	Effect of the Alkyl Chain Length of Amphiphilic Ionic Liquids on the Structure and Dynamics of Model Lipid Membranes. <i>Langmuir</i> , 2019, 35, 12215-12223.	1.6	37
7	NMR characterization of conformational fluctuations and noncovalent interactions of SUMO protein from <i>Drosophila melanogaster</i> (dSmt3). <i>Proteins: Structure, Function and Bioinformatics</i> , 2019, 87, 658-667.	1.5	4
8	Thermally stable microemulsions comprising imidazolium based surface active ionic liquids, non-polar ionic liquid and ethylene glycol as polar phase. <i>Journal of Colloid and Interface Science</i> , 2018, 511, 344-354.	5.0	41
9	Amphiphilic Ionic Liquid-Induced Membrane Permeabilization: Binding Is Not Enough. <i>Journal of Physical Chemistry B</i> , 2018, 122, 6763-6770.	1.2	25
10	A chemodosimeter for ratiometric detection of cyanide in aqueous media and human blood serum. <i>Chemical Communications</i> , 2013, 49, 2667.	2.2	56
11	Aggregation Induced Emission Enhancement in Ionic Self-Assembled Aggregates of Benzimidazolium Based Cyclophane and Sodium Dodecylbenzenesulfonate. <i>Organic Letters</i> , 2013, 15, 3400-3403.	2.4	64
12	1-(2-Naphthyl)benzimidazolium based tripod for fluorescence enhancement based recognition of surfactants in water. <i>RSC Advances</i> , 2012, 2, 9969.	1.7	14