Venus Singh Mithu

List of Publications by Year
in descending order

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19 papers	526 citations	759233 12 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	830 citing authors

#	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 31P and 2H-based solid-state NMR spectroscopy. Journal of Magnetic Resonance Open, 2022, 10-11, 100036.	1.1	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. Journal of Physical Chemistry B, 2022, 126, 174-183.	2.6	6
3	Role of cationic head-group in cytotoxicity of ionic liquids: Probing changes in bilayer architecture using solid-state NMR spectroscopy. Journal of Colloid and Interface Science, 2021, 581, 954-963.	9.4	19
4	Cytotoxicity and Membrane Permeability of Double-Chained 1,3-Dialkylimidazolium Cations in Ionic Liquids. Journal of Physical Chemistry B, 2021, 125, 3613-3621.	2.6	14
5	Catalyst-Controlled Structural Divergence: Selective Intramolecular 7-endo-dig and 6-exo-dig Post-Ugi Cyclization for the Synthesis of Benzoxazepinones and Benzoxazinones. Journal of Organic Chemistry, 2018, 83, 57-68.	3.2	32
6	Nicotine-based surface active ionic liquids: Synthesis, self-assembly and cytotoxicity studies. Journal of Colloid and Interface Science, 2017, 496, 278-289.	9.4	41
7	Metal-Free Organocatalytic Oxidative Ugi Reaction Promoted by Hypervalent Iodine. Journal of Organic Chemistry, 2017, 82, 5285-5293.	3.2	39
8	Curcumin Dictates Divergent Fates for the Central Salt Bridges in Amyloid-Î² 40 and Amyloid-Î² 42. Biophysical Journal, 2017, 112, 1597-1608.	0.5	16
9	Steric Crowding of the Turn Region Alters the Tertiary Fold of Amyloid-Î²18â€“35 and Makes It Soluble. Journal of Biological Chemistry, 2015, 290, 30099-30107.	3.4	12
10	Curcumin Alters the Salt Bridge-containing Turn Region in Amyloid Î²(1â€“42) Aggregates. Journal of Biological Chemistry, 2014, 289, 11122-11131.	3.4	56
11	Significant Structural Differences between Transient Amyloidâ€Î² Oligomers and Lessâ€Toxic Fibrils in Regions Known To Harbor Familial Alzheimerâ€²s Mutations. Angewandte Chemie - International Edition, 2014, 53, 6888-6892.	13.8	84
12	Efficient heteronuclear decoupling in MAS solid-state NMR using non-rotor-synchronized rCW irradiation. Journal of Magnetic Resonance, 2014, 246, 104-109.	2.1	17
13	Micellization Behavior of Morpholinium-Based Amide-Functionalized Ionic Liquids in Aqueous Media. Langmuir, 2014, 30, 9920-9930.	3.5	76
14	r TPPM: Towards improving solid-state NMR two-pulse phase-modulation heteronuclear dipolar decoupling sequence by refocusing. Journal of Magnetic Resonance, 2014, 244, 68-73.	2.1	10
15	The basic structural motif and major biophysical properties of Amyloid-Î² are encoded in the fragment 18â€“35. Chemical Physics, 2013, 422, 80-87.	1.9	11
16	Exploring connections between phase-modulated heteronuclear dipolar decoupling schemes in solid-state NMR. Chemical Physics Letters, 2013, 556, 325-329.	2.6	11
17	13C-13C Homonuclear Recoupling in Solid-State Nuclear Magnetic Resonance at a Moderately High Magic-Angle-Spinning Frequency. PLoS ONE, 2013, 8, e50504.	2.5	7
18	Efficiency of heteronuclear dipolar decoupling schemes in solid-state NMR: Investigation of effective transverse relaxation times. Journal of Magnetic Resonance, 2012, 220, 8-17.	2.1	11

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19	Zn++ Binding Disrupts the Asp23-Lys28 Salt Bridge without Altering the Hairpin-Shaped Cross-Î² Structure of AÎ²42 Amyloid Aggregates. Biophysical Journal, 2011, 101, 2825-2832.	0.5	55