

Venus Singh Mithu

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

526
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759233

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830
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#	ARTICLE	IF	CITATIONS
1	Significant Structural Differences between Transient Amyloid- β Oligomers and Less-Toxic Fibrils in Regions Known To Harbor Familial Alzheimer's Mutations. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6888-6892.	13.8	84
2	Micellization Behavior of Morpholinium-Based Amide-Functionalized Ionic Liquids in Aqueous Media. <i>Langmuir</i> , 2014, 30, 9920-9930.	3.5	76
3	Curcumin Alters the Salt Bridge-containing Turn Region in Amyloid β (1-42) Aggregates. <i>Journal of Biological Chemistry</i> , 2014, 289, 11122-11131.	3.4	56
4	Zn ⁺⁺ Binding Disrupts the Asp23-Lys28 Salt Bridge without Altering the Hairpin-Shaped Cross- β Structure of A β 42 Amyloid Aggregates. <i>Biophysical Journal</i> , 2011, 101, 2825-2832.	0.5	55
5	Nicotine-based surface active ionic liquids: Synthesis, self-assembly and cytotoxicity studies. <i>Journal of Colloid and Interface Science</i> , 2017, 496, 278-289.	9.4	41
6	Metal-Free Organocatalytic Oxidative Ugi Reaction Promoted by Hypervalent Iodine. <i>Journal of Organic Chemistry</i> , 2017, 82, 5285-5293.	3.2	39
7	Catalyst-Controlled Structural Divergence: Selective Intramolecular 7-endo-dig and 6-exo-dig Post-Ugi Cyclization for the Synthesis of Benzoxazepinones and Benzoxazinones. <i>Journal of Organic Chemistry</i> , 2018, 83, 57-68.	3.2	32
8	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.	9.4	19
9	Efficient heteronuclear decoupling in MAS solid-state NMR using non-rotor-synchronized rCW irradiation. <i>Journal of Magnetic Resonance</i> , 2014, 246, 104-109.	2.1	17
10	Curcumin Dictates Divergent Fates for the Central Salt Bridges in Amyloid- β 40 and Amyloid- β 42. <i>Biophysical Journal</i> , 2017, 112, 1597-1608.	0.5	16
11	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.	2.6	14
12	Steric Crowding of the Turn Region Alters the Tertiary Fold of Amyloid- β 18-35 and Makes It Soluble. <i>Journal of Biological Chemistry</i> , 2015, 290, 30099-30107.	3.4	12
13	Efficiency of heteronuclear dipolar decoupling schemes in solid-state NMR: Investigation of effective transverse relaxation times. <i>Journal of Magnetic Resonance</i> , 2012, 220, 8-17.	2.1	11
14	The basic structural motif and major biophysical properties of Amyloid- β are encoded in the fragment 18-35. <i>Chemical Physics</i> , 2013, 422, 80-87.	1.9	11
15	Exploring connections between phase-modulated heteronuclear dipolar decoupling schemes in solid-state NMR. <i>Chemical Physics Letters</i> , 2013, 556, 325-329.	2.6	11
16	r TPPM: Towards improving solid-state NMR two-pulse phase-modulation heteronuclear dipolar decoupling sequence by refocusing. <i>Journal of Magnetic Resonance</i> , 2014, 244, 68-73.	2.1	10
17	¹³ C- ¹³ C Homonuclear Recoupling in Solid-State Nuclear Magnetic Resonance at a Moderately High Magic-Angle-Spinning Frequency. <i>PLoS ONE</i> , 2013, 8, e50504.	2.5	7
18	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.	2.6	6

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19	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.	1.1	5