

Ming Tang

List of Publications by Year in descending order

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25
papers

1,162
citations

430754

18
h-index

552653

26
g-index

26
all docs

26
docs citations

26
times ranked

1362
citing authors

#	ARTICLE	IF	CITATIONS
1	Membrane-dependent oligomeric structure and pore formation of a beta-hairpin antimicrobial peptide in lipid bilayers from solid-state NMR. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16242-16247.	3.3	228
2	Phosphate-Mediated Arginine Insertion into Lipid Membranes and Pore Formation by a Cationic Membrane Peptide from Solid-State NMR. Journal of the American Chemical Society, 2007, 129, 11438-11446.	6.6	171
3	Solid-state NMR analysis of membrane proteins and protein aggregates by proton detected spectroscopy. Journal of Biomolecular NMR, 2012, 54, 291-305.	1.6	96
4	Advanced Solid-State NMR Approaches for Structure Determination of Membrane Proteins and Amyloid Fibrils. Accounts of Chemical Research, 2013, 46, 2080-2088.	7.6	84
5	Structure and mechanism of \hat{I}^2 -hairpin antimicrobial peptides in lipid bilayers from solid-state NMR spectroscopy. Molecular BioSystems, 2009, 5, 317.	2.9	75
6	Effects of Guanidinium \hat{I}^2 -Phosphate Hydrogen Bonding on the Membrane \hat{I}^2 -Bound Structure and Activity of an Arginine \hat{I}^2 -Rich Membrane Peptide from Solid \hat{I}^2 -State NMR Spectroscopy. Angewandte Chemie - International Edition, 2008, 47, 3202-3205.	7.2	58
7	A rapid and robust method for selective isotope labeling of proteins. Methods, 2011, 55, 370-378.	1.9	55
8	High-resolution membrane protein structure by joint calculations with solid-state NMR and X-ray experimental data. Journal of Biomolecular NMR, 2011, 51, 227-233.	1.6	51
9	Trehalose-protected lipid membranes for determining membrane protein structure and insertion. Journal of Magnetic Resonance, 2007, 184, 222-227.	1.2	42
10	Structure of the Disulfide Bond Generating Membrane Protein DsbB in the Lipid Bilayer. Journal of Molecular Biology, 2013, 425, 1670-1682.	2.0	40
11	Solid-State NMR of a Large Membrane Protein by Paramagnetic Relaxation Enhancement. Journal of Physical Chemistry Letters, 2011, 2, 1836-1841.	2.1	39
12	Intermolecular Packing and Alignment in an Ordered \hat{I}^2 -Hairpin Antimicrobial Peptide Aggregate from 2D Solid-State NMR. Journal of the American Chemical Society, 2005, 127, 13919-13927.	6.6	37
13	Orientation of a \hat{I}^2 -Hairpin Antimicrobial Peptide in Lipid Bilayers from Two-Dimensional Dipolar Chemical-Shift Correlation NMR. Biophysical Journal, 2006, 90, 3616-3624.	0.2	30
14	Polymeric adsorption behavior of nanoparticulate yttria stabilized zirconia and the deposition of as-formed suspensions on dense \hat{I}^2 -Al ₂ O ₃ substrates. Solid State Sciences, 2003, 5, 435-440.	1.5	25
15	Arginine Dynamics in a Membrane \hat{I}^2 -Bound Cationic Beta \hat{I}^2 -Hairpin Peptide from Solid \hat{I}^2 -State NMR. ChemBioChem, 2008, 9, 1487-1492.	1.3	24
16	High resolution ¹³ C-detected solid-state NMR spectroscopy of a deuterated protein. Journal of Biomolecular NMR, 2010, 48, 103-111.	1.6	22
17	Effects of arginine density on the membrane-bound structure of a cationic antimicrobial peptide from solid-state NMR. Biochimica Et Biophysica Acta - Biomembranes, 2009, 1788, 514-521.	1.4	21
18	Solid-State NMR Study of the Charge-Transfer Complex between Ubiquinone-8 and Disulfide Bond Generating Membrane Protein DsbB. Journal of the American Chemical Society, 2011, 133, 4359-4366.	6.6	20

#	ARTICLE	IF	CITATIONS
19	Solid-State NMR Study of a 41 kDa Membrane Protein Complex DsbA/DsbB. <i>Journal of Physical Chemistry B</i> , 2013, 117, 6052-6060.	1.2	16
20	Experimental Protein Structure Verification by Scoring with a Single, Unassigned NMR Spectrum. <i>Structure</i> , 2015, 23, 1958-1966.	1.6	9
21	Paramagnetic effects on the NMR spectra of isotropic bicelles with headgroup modified chelator lipids and metal ions. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 15524-15527.	1.3	6
22	Paramagnetic solid-state NMR of proteins. <i>Solid State Nuclear Magnetic Resonance</i> , 2019, 103, 9-16.	1.5	5
23	Effects of chelator lipids, paramagnetic metal ions and trehalose on liposomes by solid-state NMR. <i>Solid State Nuclear Magnetic Resonance</i> , 2018, 94, 1-6.	1.5	4
24	VITAL NMR: using chemical shift derived secondary structure information for a limited set of amino acids to assess homology model accuracy. <i>Journal of Biomolecular NMR</i> , 2012, 52, 41-56.	1.6	2
25	Membrane Topology of an Ion Channel Detected by Solid-State Nuclear Magnetic Resonance and Paramagnetic Effects. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 9795-9801.	2.1	1