

Michikazu Tanio

List of Publications by Year in descending order

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docs citations

34
times ranked

616
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional and structural characterization of membrane-binding proteins using NMR. Annual Reports on NMR Spectroscopy, 2022, , 47-131.	0.7	0
2	Calcium-dependent reversible coaggregation activity of C-reactive protein and M-ficolin. Molecular Immunology, 2022, 149, 157-164.	1.0	0
3	Validation of HPLC Method for Determination of Histamine in Human Immunoglobulin Formulations. Journal of AOAC INTERNATIONAL, 2020, 103, 1223-1229.	0.7	2
4	Structure and Dynamics of Membrane-Bound Proteins. , 2018, , 669-681.		0
5	Structure and Dynamics of Membrane-Bound Proteins. , 2016, , 1-13.		0
6	¹ H, ¹³ C and ¹⁵ N backbone resonance assignments of the monomeric human M-ficolin fibrinogen-like domain secreted by Brevibacillus choshinensis. Biomolecular NMR Assignments, 2014, 8, 207-211.	0.4	1
7	Intramolecular allosteric interaction in the phospholipase C- $\hat{1}$ pleckstrin homology domain. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 1034-1043.	1.1	9
8	Analysis of the phospholipase C- $\hat{1}$ pleckstrin homology domain using native polyacrylamide gel electrophoresis. Analytical Biochemistry, 2012, 431, 106-114.	1.1	7
9	A structure-based mechanism for benzalacetone synthase from Rheum palmatum. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 669-673.	3.3	48
10	Suppressed or recovered intensities analysis in site-directed ¹³ C NMR: Assessment of low-frequency fluctuations in bacteriorhodopsin and D85N mutants revisited. Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 167-176.	1.4	5
11	Amino acid-selective isotope labeling of proteins for nuclear magnetic resonance study: Proteins secreted by Brevibacillus choshinensis. Analytical Biochemistry, 2009, 386, 156-160.	1.1	12
12	Binding site of C-reactive protein on M-ficolin. Molecular Immunology, 2009, 47, 215-221.	1.0	31
13	Histidine-regulated activity of M-ficolin. Biochemical Journal, 2009, 417, 485-491.	1.7	17
14	Trimeric structure and conformational equilibrium of M-ficolin fibrinogen-like domain. Journal of Synchrotron Radiation, 2008, 15, 243-245.	1.0	11
15	Crystallization and preliminary crystallographic analysis of a plant type III polyketide synthase that produces benzalacetone. Acta Crystallographica Section F: Structural Biology Communications, 2008, 64, 304-306.	0.7	6
16	¹⁵ N isotope labeling of a protein secreted by Brevibacillus choshinensis for NMR study. Analytical Biochemistry, 2008, 373, 164-166.	1.1	9
17	Trivalent Recognition Unit of Innate Immunity System. Journal of Biological Chemistry, 2007, 282, 3889-3895.	1.6	60
18	Expression, purification and crystallization of a human tau-tubulin kinase 2 that phosphorylates tau protein. Acta Crystallographica Section F: Structural Biology Communications, 2007, 63, 602-604.	0.7	35

#	ARTICLE	IF	CITATIONS
19	Surface and Dynamic Structures of Bacteriorhodopsin in a 2D Crystal, a Distorted or Disrupted Lattice, as Revealed by Site-directed Solid-state ¹³ C NMR. <i>Photochemistry and Photobiology</i> , 2007, 83, 253-262.	1.3	15
20	Overexpression, purification and preliminary crystallographic analysis of human M-ficolin fibrinogen-like domain. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 652-655.	0.7	9
21	Significance of low-frequency local fluctuation motions in the transmembrane B and C α -helices of bacteriorhodopsin, to facilitate efficient proton uptake from the cytoplasmic surface, as revealed by site-directed solid-state ¹³ C NMR. <i>European Biophysics Journal</i> , 2004, 33, 580-588.	1.2	15
22	Site-directed ¹³ C solid-state NMR studies on membrane proteins: strategy and goals toward revealing conformation and dynamics as illustrated for bacteriorhodopsin labeled with [¹³ C] amino acid residues. <i>Magnetic Resonance in Chemistry</i> , 2004, 42, 218-230.	1.1	28
23	Direct Evidence of Interaction of a Green Tea Polyphenol, Epigallocatechin Gallate, with Lipid Bilayers by Solid-state Nuclear Magnetic Resonance. <i>Bioscience, Biotechnology and Biochemistry</i> , 2004, 68, 1743-1747.	0.6	67
24	Dynamic aspects of membrane proteins and membrane-associated peptides as revealed by ¹³ C NMR: Lessons from bacteriorhodopsin as an intact protein. <i>Annual Reports on NMR Spectroscopy</i> , 2002, 47, 39-108.	0.7	38
25	Dynamic aspect of bacteriorhodopsin as viewed from ¹³ C NMR: Conformational elucidation, surface dynamics and information transfer from the surface to inner residues. <i>Spectroscopy</i> , 2002, 16, 107-120.	0.8	8
26	Irreversible Conformational Change of Bacterio-opsin Induced by Binding of Retinal during Its Reconstitution to Bacteriorhodopsin, as Studied by ¹³ C NMR. <i>Journal of Biochemistry</i> , 2000, 127, 861-869.	0.9	36
27	Conformation and backbone dynamics of bacteriorhodopsin revealed by ¹³ C-NMR. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2000, 1460, 39-48.	0.5	64
28	Alteration of Conformation and Dynamics of Bacteriorhodopsin Induced by Protonation of Asp 85 and Deprotonation of Schiff Base as Studied by ¹³ C NMR. <i>Biochemistry</i> , 2000, 39, 14472-14480.	1.2	34
29	Long-Distance Effects of Site-Directed Mutations on Backbone Conformation in Bacteriorhodopsin from Solid State NMR of [¹³ C]Val-Labeled Proteins. <i>Biophysical Journal</i> , 1999, 77, 431-442.	0.2	34
30	Conformational Changes of Bacteriorhodopsin along the Proton-Conduction Chain as Studied with ¹³ C NMR of [¹³ C]Ala-Labeled Protein: Arg82 May Function as an Information Mediator. <i>Biophysical Journal</i> , 1999, 77, 1577-1584.	0.2	31
31	Location of a Cation-Binding Site in the Loop between Helices F and G of Bacteriorhodopsin as Studied by ¹³ C NMR. <i>Biophysical Journal</i> , 1999, 76, 1523-1531.	0.2	72
32	Conformation and dynamics of membrane proteins and biologically active peptides as studied by high-resolution solid-state ¹³ C NMR. <i>Journal of Molecular Structure</i> , 1998, 441, 137-148.	1.8	12
33	Evidence of local conformational fluctuations and changes in bacteriorhodopsin, dependent on lipids, detergents and trimeric structure, as studied by ¹³ C NMR. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1998, 1375, 84-92.	1.4	26
34	Existence of a Proton Transfer Chain in Bacteriorhodopsin: Participation of Glu-194 in the Release of Protons to the Extracellular Surface. <i>Biochemistry</i> , 1998, 37, 2496-2506.	1.2	173