

Justin L Lorieau

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

594
citations

840776

11
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

749
citing authors

#	ARTICLE	IF	CITATIONS
1	Pro- α -synlet amyloid polypeptide in micelles contains a helical prohormone segment. <i>FEBS Journal</i> , 2020, 287, 4440-4457.	4.7	8
2	Partial alignment, residual dipolar couplings and molecular symmetry in solution NMR. <i>Journal of Biomolecular NMR</i> , 2019, 73, 477-491.	2.8	2
3	Super resolution NOESY spectra of proteins. <i>Journal of Biomolecular NMR</i> , 2019, 73, 105-116.	2.8	3
4	Hybrid NMR: A Union of Solution- and Solid-State NMR. <i>Journal of the American Chemical Society</i> , 2017, 139, 4715-4723.	13.7	4
5	Structure and Dynamics of Membrane Proteins and Membrane Associated Proteins with Native Bicelles from Eukaryotic Tissues. <i>Biochemistry</i> , 2017, 56, 5318-5327.	2.5	9
6	Molib: a molecular and NMR data analysis software. <i>Journal of Biomolecular NMR</i> , 2017, 69, 69-80.	2.8	3
7	Membrane Fusion and Infection of the Influenza Hemagglutinin. <i>Advances in Experimental Medicine and Biology</i> , 2016, 966, 37-54.	1.6	14
8	Lipids Regulate Lck Protein Activity through Their Interactions with the Lck Src Homology 2 Domain. <i>Journal of Biological Chemistry</i> , 2016, 291, 17639-17650.	3.4	42
9	SH2 Domains Serve as Lipid-Binding Modules for pTyr-Signaling Proteins. <i>Molecular Cell</i> , 2016, 62, 7-20.	9.7	69
10	The Influenza Hemagglutinin Fusion Domain Is an Amphipathic Helical Hairpin That Functions by Inducing Membrane Curvature. <i>Journal of Biological Chemistry</i> , 2015, 290, 228-238.	3.4	38
11	A Positively Charged Liquid Crystalline Medium for Measuring Residual Dipolar Couplings in Membrane Proteins by NMR. <i>Journal of the American Chemical Society</i> , 2015, 137, 11932-11934.	13.7	11
12	Intermolecular Detergent-Membrane Protein NOEs for the Characterization of the Dynamics of Membrane Protein-Detergent Complexes. <i>Journal of Physical Chemistry B</i> , 2014, 118, 14288-14301.	2.6	5
13	Use of Isotropically Tumbling Bicelles to Measure Curvature Induced by Membrane Components. <i>Langmuir</i> , 2014, 30, 11723-11733.	3.5	10
14	Modulating alignment of membrane proteins in liquid-crystalline and oriented gel media by changing the size and charge of phospholipid bicelles. <i>Journal of Biomolecular NMR</i> , 2013, 55, 369-377.	2.8	13
15	The impact of influenza hemagglutinin fusion peptide length and viral subtype on its structure and dynamics. <i>Biopolymers</i> , 2013, 99, 189-195.	2.4	26
16	pH-triggered, activated-state conformations of the influenza hemagglutinin fusion peptide revealed by NMR. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 19994-19999.	7.1	71
17	Helical Hairpin Structure of Influenza Hemagglutinin Fusion Peptide Stabilized by Charge-Dipole Interactions between the N-Terminal Amino Group and the Second Helix. <i>Journal of the American Chemical Society</i> , 2011, 133, 2824-2827.	13.7	36
18	Whole-Body Rocking Motion of a Fusion Peptide in Lipid Bilayers from Size-Dispersed ¹⁵ N NMR Relaxation. <i>Journal of the American Chemical Society</i> , 2011, 133, 14184-14187.	13.7	29

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19	The complete influenza hemagglutinin fusion domain adopts a tight helical hairpin arrangement at the lipid:water interface. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11341-11346.	7.1	142
20	Liquid Crystalline Phase of G-Tetrad DNA for NMR Study of Detergent-Solubilized Proteins. Journal of the American Chemical Society, 2008, 130, 7536-7537.	13.7	59