

# Jaison Jacob

## List of Publications by Year in descending order

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18  
papers

1,008  
citations

567281

15  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1302  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid structural fluctuations of the free HIV protease flaps in solution: Relationship to crystal structures and comparison with predictions of dynamics calculations. <i>Protein Science</i> , 2009, 11, 221-232.	7.6	186
2	Human Sgt1 Binds HSP90 through the CHORD-Sgt1 Domain and Not the Tetratricopeptide Repeat Domain. <i>Journal of Biological Chemistry</i> , 2004, 279, 16511-16517.	3.4	107
3	Measurement of <sup>3</sup> hJNC' connectivities across hydrogen bonds in a 30 kDa protein. <i>Journal of Biomolecular NMR</i> , 1999, 14, 181-184.	2.8	93
4	NMR Assignments for a Helical 40 kDa Membrane Protein. <i>Journal of the American Chemical Society</i> , 2004, 126, 5048-5049.	13.7	86
5	Solution Structure of Anti-HIV-1 and Anti-Tumor Protein MAP30. <i>Cell</i> , 1999, 99, 433-442.	28.9	81
6	Kinetics of Interaction of the Myristoylated Alanine-rich C Kinase Substrate, Membranes, and Calmodulin. <i>Journal of Biological Chemistry</i> , 1997, 272, 27167-27177.	3.4	78
7	Interactions Controlling the Membrane Binding of Basic Protein Domains: $\alpha$ -Phenylalanine and the Attachment of the Myristoylated Alanine-Rich C-Kinase Substrate Protein to Interfaces. <i>Biochemistry</i> , 1999, 38, 12527-12536.	2.5	66
8	Stereospecific Formation of Interstrand Carbinolamine DNA Cross-Links by Crotonaldehyde- and Acetaldehyde-Derived $\beta$ -CH <sub>3</sub> - $\beta$ -OH-1,N <sup>2</sup> -Propano-2'-deoxyguanosine Adducts in the 5'-CpG-3' Sequence. <i>Chemical Research in Toxicology</i> , 2006, 19, 195-208.	3.3	57
9	Impact of the N-Terminal Domain of STAT3 in STAT3-Dependent Transcriptional Activity. <i>Molecular and Cellular Biology</i> , 2015, 35, 3284-3300.	2.3	44
10	Spectroscopic Characterization of Interstrand Carbinolamine Cross-Links Formed in the 5'-CpG-3' Sequence by the Acrolein-Derived $\beta$ -OH-1,N <sup>2</sup> -Propano-2'-deoxyguanosine DNA Adduct. <i>Journal of the American Chemical Society</i> , 2005, 127, 17686-17696.	13.7	41
11	Application of Large-Scale Aptamer-Based Proteomic Profiling to Planned Myocardial Infarctions. <i>Circulation</i> , 2018, 137, 1270-1277.	1.6	36
12	Membrane Protein Preparation for TROSY NMR Screening. <i>Methods in Enzymology</i> , 2005, 394, 321-334.	1.0	35
13	ADAMTSL2 protein and a soluble biomarker signature identify at-risk non-alcoholic steatohepatitis and fibrosis in adults with NAFLD. <i>Journal of Hepatology</i> , 2022, 76, 25-33.	3.7	34
14	Anti-HIV and anti-tumor protein MAP30, a 30 kDa single-strand type I RIP, shares similar secondary structure and $\beta$ -sheet topology with the A chain of ricin, a type II RIP. <i>Protein Science</i> , 2000, 9, 138-144.	7.6	29
15	Orientation of the Crotonaldehyde-Derived N <sup>2</sup> -[3-Oxo-1(S)-methyl-propyl]-dG DNA Adduct Hinders Interstrand Cross-Link Formation in the 5'-CpG-3' Sequence. <i>Chemical Research in Toxicology</i> , 2006, 19, 1019-1029.	3.3	20
16	Biosynthetically directed fractional <sup>13</sup> C labeling facilitates identification of Phe and Tyr aromatic signals in proteins. <i>Journal of Biomolecular NMR</i> , 2002, 24, 231-235.	2.8	10
17	Substoichiometric Isotope Dilution Analysis of Indium by Liquid Scintillation Counting. <i>Radiochimica Acta</i> , 1993, 62, 101-104.	1.2	3
18	Letter to the Editor: The C-terminal Domain of Viral IAP Associated Factor (cVIAF) is a Structural Homologue of Phosducin: Resonance Assignments and Secondary Structure of the C-Terminal Domain of VIAF. <i>Journal of Biomolecular NMR</i> , 2004, 28, 197-198.	2.8	2