

Jonathan K Williams

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5875886/publications.pdf>

Version: 2024-02-01

15
papers

659
citations

567281

15
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

1020
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and Dynamics of Membrane Proteins from Solid-State NMR. Annual Review of Biophysics, 2018, 47, 201-222.	10.0	105
2	Cholesterol-binding site of the influenza M2 protein in lipid bilayers from solid-state NMR. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12946-12951.	7.1	85
3	Hydrogen-Bonding Partner of the Proton-Conducting Histidine in the Influenza M2 Proton Channel Revealed From ¹ H Chemical Shifts. Journal of the American Chemical Society, 2012, 134, 14753-14755.	13.7	65
4	pH-Dependent Conformation, Dynamics, and Aromatic Interaction of the Gating Tryptophan Residue of the Influenza M2 Proton Channel from Solid-State NMR. Biophysical Journal, 2013, 104, 1698-1708.	0.5	64
5	Drug-Induced Conformational and Dynamical Changes of the S31N Mutant of the Influenza M2 Proton Channel Investigated by Solid-State NMR. Journal of the American Chemical Society, 2013, 135, 9885-9897.	13.7	63
6	Solid-State NMR Investigation of the Conformation, Proton Conduction, and Hydration of the Influenza B Virus M2 Transmembrane Proton Channel. Journal of the American Chemical Society, 2016, 138, 8143-8155.	13.7	49
7	Relaxation-compensated difference spin diffusion NMR for detecting ¹³ C- ¹³ C long-range correlations in proteins and polysaccharides. Journal of Biomolecular NMR, 2015, 61, 97-107.	2.8	36
8	Evolution of the SARS-CoV-2 proteome in three dimensions (3D) during the first 6 months of the COVID-19 pandemic. Proteins: Structure, Function and Bioinformatics, 2022, 90, 1054-1080.	2.6	31
9	Molecular dynamics analysis of a flexible loop at the binding interface of the SARS-CoV-2 spike protein receptor-binding domain. Proteins: Structure, Function and Bioinformatics, 2022, 90, 1044-1053.	2.6	30
10	NMR unveils an N-terminal interaction interface on acetylated I ¹ -synuclein monomers for recruitment to fibrils. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	29
11	Protonation equilibria and pore-opening structure of the dual-histidine influenza B virus M2 transmembrane proton channel from solid-state NMR. Journal of Biological Chemistry, 2017, 292, 17876-17884.	3.4	22
12	Multi-Pronged Interactions Underlie Inhibition of I ¹ -Synuclein Aggregation by I ² -Synuclein. Journal of Molecular Biology, 2018, 430, 2360-2371.	4.2	22
13	A structural and mechanistic study of I ¹ -clamp-mediated cysteine perfluoroarylation. Scientific Reports, 2017, 7, 7954.	3.3	20
14	Increased Dynamics of I ¹ -Synuclein Fibrils by I ² -Synuclein Leads to Reduced Seeding and Cytotoxicity. Scientific Reports, 2019, 9, 17579.	3.3	17
15	Aromatic spectral editing techniques for magic-angle-spinning solid-state NMR spectroscopy of uniformly ¹³ C-labeled proteins. Solid State Nuclear Magnetic Resonance, 2015, 72, 118-126.	2.3	16