

# Jonathan K Williams

## List of Publications by Year in descending order

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15  
papers

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citations

567281

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996975

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17  
docs citations

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times ranked

1020  
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#	ARTICLE	IF	CITATIONS
1	Molecular dynamics analysis of a flexible loop at the binding interface of the <scp>SARSâ€CoV</scp>â€2 spike protein <scp>receptorâ€binding</scp> domain. Proteins: Structure, Function and Bioinformatics, 2022, 90, 1044-1053.	2.6	30
2	Evolution of the <scp>SARSâ€CoV</scp>â€2 proteome in three dimensions (3D) during the first 6 months of the <scp>COVID</scp>â€19 pandemic. Proteins: Structure, Function and Bioinformatics, 2022, 90, 1054-1080.	2.6	31
3	NMR unveils an N-terminal interaction interface on acetylated-Î±-synuclein monomers for recruitment to fibrils. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	29
4	Increased Dynamics of Î±-Synuclein Fibrils by Î²-Synuclein Leads to Reduced Seeding and Cytotoxicity. Scientific Reports, 2019, 9, 17579.	3.3	17
5	Structure and Dynamics of Membrane Proteins from Solid-State NMR. Annual Review of Biophysics, 2018, 47, 201-222.	10.0	105
6	Multi-Pronged Interactions Underlie Inhibition of Î±-Synuclein Aggregation by Î²-Synuclein. Journal of Molecular Biology, 2018, 430, 2360-2371.	4.2	22
7	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
8	A structural and mechanistic study of Îµ-clamp-mediated cysteine perfluoroarylation. Scientific Reports, 2017, 7, 7954.	3.3	20
9	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
10	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
11	Relaxation-compensated difference spin diffusion NMR for detecting <sup>13</sup> Câ€ <sup>13</sup> C long-range correlations in proteins and polysaccharides. Journal of Biomolecular NMR, 2015, 61, 97-107.	2.8	36
12	Aromatic spectral editing techniques for magic-angle-spinning solid-state NMR spectroscopy of uniformly <sup>13</sup> C-labeled proteins. Solid State Nuclear Magnetic Resonance, 2015, 72, 118-126.	2.3	16
13	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
14	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
15	Hydrogen-Bonding Partner of the Proton-Conducting Histidine in the Influenza M2 Proton Channel Revealed From <sup>1</sup> H Chemical Shifts. Journal of the American Chemical Society, 2012, 134, 14753-14755.	13.7	65