

Victoria A Higman

List of Publications by Year in descending order

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33
papers

2,591
citations

304743

22
h-index

414414

32
g-index

38
all docs

38
docs citations

38
times ranked

3028
citing authors

#	ARTICLE	IF	CITATIONS
1	The streptococcal multidomain fibrillar adhesin CshA has an elongated polymeric architecture. <i>Journal of Biological Chemistry</i> , 2020, 295, 6689-6699.	3.4	8
2	Solid-state MAS NMR resonance assignment methods for proteins. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2018, 106-107, 37-65.	7.5	27
3	Structure of outer membrane protein G in lipid bilayers. <i>Nature Communications</i> , 2017, 8, 2073.	12.8	91
4	The structural basis for dynamic DNA binding and bridging interactions which condense the bacterial centromere. <i>ELife</i> , 2017, 6, .	6.0	64
5	¹³ C- and ¹ H-detection under fast MAS for the study of poorly available proteins: application to sub-milligram quantities of a 7 trans-membrane protein. <i>Journal of Biomolecular NMR</i> , 2015, 62, 17-23.	2.8	16
6	A Refined Model for the TSG-6 Link Module in Complex with Hyaluronan. <i>Journal of Biological Chemistry</i> , 2014, 289, 5619-5634.	3.4	46
7	The HicA toxin from <i>Burkholderia pseudomallei</i> has a role in persister cell formation. <i>Biochemical Journal</i> , 2014, 459, 333-344.	3.7	81
8	Rapid Proton-Detected NMR Assignment for Proteins with Fast Magic Angle Spinning. <i>Journal of the American Chemical Society</i> , 2014, 136, 12489-12497.	13.7	254
9	Structural and biochemical characterization of Rv2140c, a phosphatidylethanolamine-binding protein from <i>Mycobacterium tuberculosis</i> . <i>FEBS Letters</i> , 2013, 587, 2936-2942.	2.8	11
10	Structure Calculation from Unambiguous Long-Range Amide and Methyl ¹ H Distance Restraints for a Microcrystalline Protein with MAS Solid-State NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2011, 133, 5905-5912.	13.7	152
11	Residual dipolar couplings: are multiple independent alignments always possible?. <i>Journal of Biomolecular NMR</i> , 2011, 49, 53-60.	2.8	29
12	A software framework for analysing solid-state MAS NMR data. <i>Journal of Biomolecular NMR</i> , 2011, 51, 437-447.	2.8	138
13	Three-dimensional deuterium-carbon correlation experiments for high-resolution solid-state MAS NMR spectroscopy of large proteins. <i>Journal of Biomolecular NMR</i> , 2011, 51, 477-485.	2.8	31
14	Titelbild: Festkörperr-NMR-Spektroskopie mit Protonendetektion an fibrillären Proteinen und Membranproteinen (Angew. Chem. 19/2011). <i>Angewandte Chemie</i> , 2011, 123, 4325-4325.	2.0	0
15	Proton-Detected Solid-State NMR Spectroscopy of Fibrillar and Membrane Proteins. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4508-4512.	13.8	179
16	The Conformation of Bacteriorhodopsin Loops in Purple Membranes Resolved by Solid-State MAS NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8432-8435.	13.8	34
17	Solid-state NMR and SAXS studies provide a structural basis for the activation of β -crystallin oligomers. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 1037-1042.	8.2	263
18	A Novel Subtype of AP-1-binding Motif within the Palmitoylated trans-Golgi Network/Endosomal Accessory Protein Gadkin/ β 3-BAR. <i>Journal of Biological Chemistry</i> , 2010, 285, 4074-4086.	3.4	10

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19	Regulation of endosomal membrane traffic by a Gadkin/AP-1/kinesin KIF5 complex. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15344-15349.	7.1	85
20	Assigning large proteins in the solid state: a MAS NMR resonance assignment strategy using selectively and extensively ¹³ C-labelled proteins. Journal of Biomolecular NMR, 2009, 44, 245-260.	2.8	110
21	Probing the urea dependence of residual structure in denatured human $\hat{\pm}$ -lactalbumin. Journal of Biomolecular NMR, 2009, 45, 121-131.	2.8	9
22	[2,3- ¹³ C]-labeling of Aromatic Residues Getting a Head Start in the Magic-Angle-Spinning NMR Assignment of Membrane Proteins. Journal of the American Chemical Society, 2008, 130, 408-409.	13.7	48
23	Structural diversity in the RGS domain and its interaction with heterotrimeric G protein $\hat{\pm}$ -subunits. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6457-6462.	7.1	174
24	Plasticity of the TSG-6 HA-binding Loop and Mobility in the TSG-6-HA Complex Revealed by NMR and X-ray Crystallography. Journal of Molecular Biology, 2007, 371, 669-684.	4.2	24
25	Using Molecular Dynamics Simulations To Provide New Insights into Protein Structure on the Nanosecond Timescale: Comparison with Experimental Data and Biological Inferences for the Hyaluronan-Binding Link Module of TSG-6. Journal of Chemical Theory and Computation, 2007, 3, 1-16.	5.3	16
26	Resonance assignment of the RGS domain of human RGS10. Journal of Biomolecular NMR, 2007, 38, 191-191.	2.8	0
27	TSG-6: a pluripotent inflammatory mediator?. Biochemical Society Transactions, 2006, 34, 446-450.	3.4	185
28	Elucidation of conserved long-range interaction networks in proteins and their significance in determining protein topology. Physica A: Statistical Mechanics and Its Applications, 2006, 368, 595-606.	2.6	17
29	NMR assignment of human RGS18. Journal of Biomolecular NMR, 2006, 36, 72-72.	2.8	1
30	His-384 Allotypic Variant of Factor H Associated with Age-related Macular Degeneration Has Different Heparin Binding Properties from the Non-disease-associated Form. Journal of Biological Chemistry, 2006, 281, 24713-24720.	3.4	161
31	Asparagine and glutamine side-chain conformation in solution and crystal: A comparison for hen egg-white lysozyme using residual dipolar couplings. Journal of Biomolecular NMR, 2004, 30, 327-346.	2.8	21
32	Uncovering Network Systems Within Protein Structures. Journal of Molecular Biology, 2003, 334, 781-791.	4.2	265
33	Chapter 13. Recent Developments in Biomolecular Solid-State NMR. RSC Biomolecular Sciences, 0, , 318-334.	0.4	0