

# Claudia E Munte

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

504  
citations

687363

13  
h-index

677142

22  
g-index

25  
all docs

25  
docs citations

25  
times ranked

735  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of the anchor-domain of myristoylated and non-myristoylated HIV-1 Nef protein 1 Edited by A. R. Fersht. Journal of Molecular Biology, 1999, 289, 123-138.	4.2	107
2	Intrinsic Allosteric Inhibition of Signaling Proteins by Targeting Rare Interaction States Detected by High-Pressure NMR Spectroscopy. Angewandte Chemie - International Edition, 2013, 52, 14242-14246.	13.8	60
3	C-mannosylation in the hypertrehalosaemic hormone from the stick insect <i>Carausius morosus</i> . FEBS Journal, 2008, 275, 1163-1173.	4.7	42
4	Pulsed Pressure Perturbations, an Extra Dimension in NMR Spectroscopy of Proteins. Journal of the American Chemical Society, 2011, 133, 13646-13651.	13.7	35
5	Distinct Conformational States of the Alzheimer Amyloid Peptide Can Be Detected by High-Pressure NMR Spectroscopy. Angewandte Chemie - International Edition, 2013, 52, 8943-8947.	13.8	30
6	Solution structure of human proinsulin C-peptide. FEBS Journal, 2005, 272, 4284-4293.	4.7	29
7	Pressure Dependence of <sup>15</sup> N Chemical Shifts in Model Peptides Ac-Gly-Gly-X-Ala-NH <sub>2</sub> . Materials, 2012, 5, 1774-1786.	2.9	27
8	X-ray crystallography and NMR studies of domain-swapped canecystatin. FEBS Journal, 2013, 280, 1028-1038.	4.7	25
9	Crystal Structures and Magnetic Properties of CuX <sub>2</sub> (pdmp) <sub>2</sub> Complexes (X = Br, Cl). Inorganic Chemistry, 1999, 38, 4413-4421.	4.0	24
10	High-Resolution Structure of the Histidine-Containing Phosphocarrier Protein (HPr) from Staphylococcus aureus and Characterization of Its Interaction with the Bifunctional HPr Kinase/Phosphorylase. Journal of Bacteriology, 2004, 186, 5906-5918.	2.2	22
11	Orientational Ambiguity in Septin Coiled Coils and its Structural Basis. Journal of Molecular Biology, 2021, 433, 166889.	4.2	18
12	Orphan Nuclear Receptor NR4A1 Binds a Novel Protein Interaction Site on Anti-apoptotic B Cell Lymphoma Gene 2 Family Proteins. Journal of Biological Chemistry, 2016, 291, 14072-14084.	3.4	17
13	Mapping of protein structural ensembles by chemical shifts. Journal of Biomolecular NMR, 2010, 48, 71-83.	2.8	16
14	Pressure dependence of backbone chemical shifts in the model peptides Ac-Gly-Gly-Xxx-Ala-NH <sub>2</sub> . Journal of Biomolecular NMR, 2016, 65, 65-77.	2.8	11
15	Pressure dependence of side chain <sup>13</sup> C chemical shifts in model peptides Ac-Gly-Gly-Xxx-Ala-NH <sub>2</sub> . Journal of Biomolecular NMR, 2017, 69, 53-67.	2.8	8
16	Automated solvent artifact removal and base plane correction of multidimensional NMR protein spectra by AUREMOL-SSA. Journal of Biomolecular NMR, 2010, 47, 101-111.	2.8	7
17	DHODH Microdomain Membrane Interactions Influenced by the Lipid Composition. Journal of Physical Chemistry B, 2017, 121, 11085-11095.	2.6	7
18	Pressure response of amide one-bond J-couplings in model peptides and proteins. Journal of Biomolecular NMR, 2014, 60, 45-50.	2.8	5

#	ARTICLE	IF	CITATIONS
19	Chemical shift assignments of the canecystatin-1 from <i>Saccharum officinarum</i> . <i>Biomolecular NMR Assignments</i> , 2013, 7, 163-165.	0.8	4
20	NMR assignments of oxidised thioredoxin from <i>Plasmodium falciparum</i> . <i>Biomolecular NMR Assignments</i> , 2009, 3, 159-161.	0.8	3
21	Complete sequential assignment and secondary structure prediction of the cannulae forming protein CanA from the hyperthermophilic archaeon <i>Pyrodictium abyssi</i> . <i>Biomolecular NMR Assignments</i> , 2020, 14, 141-146.	0.8	3
22	Protein structure calculation with data imputation: the use of substitute restraints. <i>Journal of Biomolecular NMR</i> , 2009, 45, 397-411.	2.8	2
23	High pressure response of <sup>1</sup> H NMR chemical shifts of purine nucleotides. <i>Biophysical Chemistry</i> , 2019, 254, 106261.	2.8	1
24	Pressure dependence of side chain <sup>1</sup> H and <sup>15</sup> N-chemical shifts in the model peptides Ac-Gly-Gly-Xxx-Ala-NH <sub>2</sub> . <i>Journal of Biomolecular NMR</i> , 2020, 74, 381-399.	2.8	1