

Benjamin C Buer

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

483
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

666
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural basis for the enhanced stability of highly fluorinated proteins. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4810-4815.	7.1	79
2	Fluorine: A new element in protein design. Protein Science, 2012, 21, 453-462.	7.6	79
3	Fluorine—a new element in the design of membrane-active peptides. Molecular BioSystems, 2009, 5, 1143.	2.9	60
4	Using Fluorine Nuclear Magnetic Resonance To Probe the Interaction of Membrane-Active Peptides with the Lipid Bilayer. Biochemistry, 2010, 49, 5760-5765.	2.5	55
5	Engineering Protein Stability and Specificity Using Fluorous Amino Acids: The Importance of Packing Effects. Biochemistry, 2009, 48, 10810-10817.	2.5	43
6	Influence of Fluorination on the Thermodynamics of Protein Folding. Journal of the American Chemical Society, 2012, 134, 13027-13034.	13.7	38
7	Insights into Substrate and Metal Binding from the Crystal Structure of Cyanobacterial Aldehyde Deformylating Oxygenase with Substrate Bound. ACS Chemical Biology, 2014, 9, 2584-2593.	3.4	32
8	Using Fluorine Nuclear Magnetic Resonance To Probe Changes in the Structure and Dynamics of Membrane-Active Peptides Interacting with Lipid Bilayers. Biochemistry, 2011, 50, 5979-5987.	2.5	30
9	Perfluoro-tert-butyl-L-homoserine as a sensitive ¹⁹ F NMR reporter for peptide-membrane interactions in solution. Journal of Peptide Science, 2013, 19, 308-314.	1.4	26
10	A label-free Sirtuin 1 assay based on droplet-electrospray ionization mass spectrometry. Analytical Methods, 2016, 8, 3458-3465.	2.7	19
11	Comparison of the structures and stabilities of coiled-coil proteins containing hexafluoroleucine and tert-butylalanine provides insight into the stabilizing effects of highly fluorinated amino acid side-chains. Protein Science, 2012, 21, 1705-1715.	7.6	14
12	Design, Synthesis, and Study of Fluorinated Proteins. Methods in Molecular Biology, 2014, 1216, 89-116.	0.9	8