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List of Publications by Year in descending order

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1,003
citations

623734

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docs citations

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times ranked

1443
citing authors

#	ARTICLE	IF	CITATIONS
1	Helix Bundle Quaternary Structure from β -Peptide Foldamers. <i>Journal of the American Chemical Society</i> , 2007, 129, 4178-4180.	13.7	191
2	Protein Native-State Stabilization by Placing Aromatic Side Chains in N-Glycosylated Reverse Turns. <i>Science</i> , 2011, 331, 571-575.	12.6	157
3	How PEGylation influences protein conformational stability. <i>Current Opinion in Chemical Biology</i> , 2016, 34, 88-94.	6.1	91
4	Structural and Energetic Basis of Carbohydrate-Aromatic Packing Interactions in Proteins. <i>Journal of the American Chemical Society</i> , 2013, 135, 9877-9884.	13.7	85
5	Context-Dependent Effects of Asparagine Glycosylation on Pin WW Folding Kinetics and Thermodynamics. <i>Journal of the American Chemical Society</i> , 2010, 132, 15359-15367.	13.7	69
6	Glycosylation of the enhanced aromatic sequon is similarly stabilizing in three distinct reverse turn contexts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 14127-14132.	7.1	61
7	N-glycosylation of enhanced aromatic sequons to increase glycoprotein stability. <i>Biopolymers</i> , 2012, 98, 195-211.	2.4	58
8	Criteria for Selecting PEGylation Sites on Proteins for Higher Thermodynamic and Proteolytic Stability. <i>Journal of the American Chemical Society</i> , 2014, 136, 17547-17560.	13.7	54
9	Two Structural Scenarios for Protein Stabilization by PEG. <i>Journal of Physical Chemistry B</i> , 2014, 118, 8388-8395.	2.6	41
10	Impact of Site-Specific PEGylation on the Conformational Stability and Folding Rate of the Pin WW Domain Depends Strongly on PEG Oligomer Length. <i>Bioconjugate Chemistry</i> , 2013, 24, 796-802.	3.6	36
11	An Anion- π Interaction Strongly Stabilizes the β -Sheet Protein WW. <i>ACS Chemical Biology</i> , 2017, 12, 2535-2537.	3.4	24
12	N-PEGylation of a Reverse Turn Is Stabilizing in Multiple Sequence Contexts, unlike N-GlcNAcylation. <i>ACS Chemical Biology</i> , 2011, 6, 1188-1192.	3.4	17
13	Conjugation Strategy Strongly Impacts the Conformational Stability of a PEG-Protein Conjugate. <i>ACS Chemical Biology</i> , 2016, 11, 1805-1809.	3.4	17
14	Proximity-Induced Reactivity and Product Selectivity with a Rationally Designed Bifunctional Peptide Catalyst. <i>ACS Catalysis</i> , 2017, 7, 7704-7708.	11.2	16
15	Bulky Dehydroamino Acids Enhance Proteolytic Stability and Folding in β -Hairpin Peptides. <i>Organic Letters</i> , 2017, 19, 5190-5193.	4.6	15
16	Enhancing a long-range salt bridge with intermediate aromatic and nonpolar amino acids. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 5882-5886.	2.8	14
17	Cys ₁ -Lys ₃ -Lys ₄ Triad: A General Approach for PEG-Based Stabilization of β -Helical Proteins. <i>Biomacromolecules</i> , 2014, 15, 4643-4647.	5.4	11
18	Long-range PEG stapling: macrocyclization for increased protein conformational stability and resistance to proteolysis. <i>RSC Chemical Biology</i> , 2020, 1, 273-280.	4.1	10

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19	Polyethylene Glycol Based Changes to β -Sheet Protein Conformational and Proteolytic Stability Depend on Conjugation Strategy and Location. <i>Bioconjugate Chemistry</i> , 2017, 28, 2507-2513.	3.6	9
20	Influence of PEGylation on the Strength of Protein Surface Salt Bridges. <i>ACS Chemical Biology</i> , 2019, 14, 1652-1659.	3.4	8
21	Stapling of two PEGylated side chains increases the conformational stability of the WW domain via an entropic effect. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8933-8939.	2.8	7
22	Stabilizing Impact of N-Glycosylation on the WW Domain Depends Strongly on the Asn-GlcNAc Linkage. <i>ACS Chemical Biology</i> , 2013, 8, 2140-2144.	3.4	3
23	Context-Dependent Stabilizing Interactions among Solvent-Exposed Residues along the Surface of a Trimeric Helix Bundle. <i>Biochemistry</i> , 2020, 59, 1672-1679.	2.5	3
24	Prerequisites for Stabilizing Long-Range Synergistic Interactions among <i>b</i> -, <i>c</i> -, and <i>f</i> -Residues in Coiled Coils. <i>Biochemistry</i> , 2022, 61, 319-326.	2.5	3
25	PEGylation near a Patch of Nonpolar Surface Residues Increases the Conformational Stability of the WW Domain. <i>Journal of Organic Chemistry</i> , 2020, 85, 1725-1730.	3.2	2
26	PEGylation Increases the Strength of a Nearby NH- \cdots Hydrogen Bond in the WW Domain. <i>Biochemistry</i> , 2021, 60, 2064-2070.	2.5	1