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List of Publications by Year
in descending order

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26 papers	1,003 citations	623734 14 h-index	580821 25 g-index
26 all docs	26 docs citations	26 times ranked	1443 citing authors

#	Article	IF	Citations
1	Prerequisites for Stabilizing Long-Range Synergistic Interactions among b-, c-, and f-Residues in Coiled Coils. Biochemistry, 2022, 61, 319-326.	2.5	3
2	PEGylation Increases the Strength of a Nearby NH-Ï€ Hydrogen Bond in the WW Domain. Biochemistry, 2021, 60, 2064-2070.	2.5	1
3	PEGylation near a Patch of Nonpolar Surface Residues Increases the Conformational Stability of the WW Domain. Journal of Organic Chemistry, 2020, 85, 1725-1730.	3.2	2
4	Long-range PEG stapling: macrocyclization for increased protein conformational stability and resistance to proteolysis. RSC Chemical Biology, 2020, 1, 273-280.	4.1	10
5	Context-Dependent Stabilizing Interactions among Solvent-Exposed Residues along the Surface of a Trimeric Helix Bundle. Biochemistry, 2020, 59, 1672-1679.	2.5	3
6	Influence of PEGylation on the Strength of Protein Surface Salt Bridges. ACS Chemical Biology, 2019, 14, 1652-1659.	3.4	8
7	Stapling of two PEGylated side chains increases the conformational stability of the WW domainviaan entropic effect. Organic and Biomolecular Chemistry, 2018, 16, 8933-8939.	2.8	7
8	Polyethylene Glycol Based Changes to Î²-Sheet Protein Conformational and Proteolytic Stability Depend on Conjugation Strategy and Location. Bioconjugate Chemistry, 2017, 28, 2507-2513.	3.6	9
9	Proximity-Induced Reactivity and Product Selectivity with a Rationally Designed Bifunctional Peptide Catalyst. ACS Catalysis, 2017, 7, 7704-7708.	11.2	16
10	Bulky Dehydroamino Acids Enhance Proteolytic Stability and Folding in Î²-Hairpin Peptides. Organic Letters, 2017, 19, 5190-5193.	4.6	15
11	An Anionâ^Ï€ Interaction Strongly Stabilizes the Î²-Sheet Protein WW. ACS Chemical Biology, 2017, 12, 2535-2537.	3.4	24
12	Enhancing a long-range salt bridge with intermediate aromatic and nonpolar amino acids. Organic and Biomolecular Chemistry, 2017, 15, 5882-5886.	2.8	14
13	Conjugation Strategy Strongly Impacts the Conformational Stability of a PEG-Protein Conjugate. ACS Chemical Biology, 2016, 11, 1805-1809.	3.4	17
14	How PEGylation influences protein conformational stability. Current Opinion in Chemical Biology, 2016, 34, 88-94.	6.1	91
15	Cys_iâ€“Lys_{i+3}â€“Lys_{i+4} Triad: A General Approach for PEG-Based Stabilization of Î±-Helical Proteins. Biomacromolecules, 2014, 15, 4643-4647.	5.4	11
16	Criteria for Selecting PEGylation Sites on Proteins for Higher Thermodynamic and Proteolytic Stability. Journal of the American Chemical Society, 2014, 136, 17547-17560.	13.7	54
17	Two Structural Scenarios for Protein Stabilization by PEG. Journal of Physical Chemistry B, 2014, 118, 8388-8395.	2.6	41
18	Structural and Energetic Basis of Carbohydrateâ€“Aromatic Packing Interactions in Proteins. Journal of the American Chemical Society, 2013, 135, 9877-9884.	13.7	85

#	Article	IF	Citations
19	Impact of Site-Specific PEGylation on the Conformational Stability and Folding Rate of the Pin WW Domain Depends Strongly on PEG Oligomer Length. Bioconjugate Chemistry, 2013, 24, 796-802.	3.6	36
20	Stabilizing Impact of N-Glycosylation on the WW Domain Depends Strongly on the Asn-GlcNAc Linkage. ACS Chemical Biology, 2013, 8, 2140-2144.	3.4	3
21	Nâ€glycosylation of enhanced aromatic sequons to increase glycoprotein stability. Biopolymers, 2012, 98, 195-211.	2.4	58
22	N-PEGylation of a Reverse Turn Is Stabilizing in Multiple Sequence Contexts, unlike N-GlcNAcylation. ACS Chemical Biology, 2011, 6, 1188-1192.	3.4	17
23	Protein Native-State Stabilization by Placing Aromatic Side Chains in N-Glycosylated Reverse Turns. Science, 2011, 331, 571-575.	12.6	157
24	Glycosylation of the enhanced aromatic sequon is similarly stabilizing in three distinct reverse turn contexts. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14127-14132.	7.1	61
25	Context-Dependent Effects of Asparagine Glycosylation on Pin WW Folding Kinetics and Thermodynamics. Journal of the American Chemical Society, 2010, 132, 15359-15367.	13.7	69
26	Helix Bundle Quaternary Structure from Î±/Î²-Peptide Foldamers. Journal of the American Chemical Society, 2007, 129, 4178-4180.	13.7	191