

Hongtao Yu

List of Publications by Year in descending order

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21
papers

1,006
citations

516710

16
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

1559
citing authors

#	ARTICLE	IF	CITATIONS
1	A Perfluoroaryl-Cysteine S _N Ar Chemistry Approach to Unprotected Peptide Stapling. <i>Journal of the American Chemical Society</i> , 2013, 135, 5946-5949.	13.7	389
2	Diversity-Oriented Stapling Yields Intrinsically Cell-Penetrant Inducers of Autophagy. <i>Journal of the American Chemical Society</i> , 2017, 139, 7792-7802.	13.7	121
3	Convergent diversity-oriented side-chain macrocyclization scan for unprotected polypeptides. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 566-573.	2.8	73
4	Toward structure prediction of cyclic peptides. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 4210-4219.	2.8	50
5	Insights into How Cyclic Peptides Switch Conformations. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 2480-2488.	5.3	47
6	Free Energies and Entropies of Water Molecules at the Inhibitor-Protein Interface of DNA Gyrase. <i>Journal of the American Chemical Society</i> , 2009, 131, 6608-6613.	13.7	36
7	Free Energy, Entropy, and Enthalpy of a Water Molecule in Various Protein Environments. <i>Journal of Physical Chemistry B</i> , 2010, 114, 11552-11560.	2.6	36
8	A bicyclic peptide scaffold promotes phosphotyrosine mimicry and cellular uptake. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 6387-6391.	3.0	30
9	SCP-Amino Acid Scan of Two Small Proteins. <i>Journal of the American Chemical Society</i> , 2016, 138, 12099-12111.	13.7	30
10	Collagen Gly missense mutations: Effect of residue identity on collagen structure and integrin binding. <i>Journal of Structural Biology</i> , 2018, 203, 255-262.	2.8	26
11	Excluded volume effect on confined polymer translocation through a short nanochannel. <i>Journal of Chemical Physics</i> , 2006, 124, 174906.	3.0	24
12	Computational methods to design cyclic peptides. <i>Current Opinion in Chemical Biology</i> , 2016, 34, 95-102.	6.1	24
13	Mapping the Effect of Gly Mutations in Collagen on $\alpha 1(\text{I})$ Integrin Binding. <i>Journal of Biological Chemistry</i> , 2016, 291, 19196-19207.	3.4	21
14	Mapping the sequence-structure relationships of simple cyclic hexapeptides. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 3315-3324.	2.8	20
15	Consequences of Glycine Mutations in the Fibronectin-binding Sequence of Collagen. <i>Journal of Biological Chemistry</i> , 2016, 291, 27073-27086.	3.4	19
16	Toward accurately modeling N-methylated cyclic peptides. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 5377-5388.	2.8	19
17	Enzymatic Phosphorylation of Ser in a Type I Collagen Peptide. <i>Biophysical Journal</i> , 2018, 115, 2327-2335.	0.5	13
18	Consequences of Depsipeptide Substitution on the ClpP Activation Activity of Antibacterial Acyldepsipeptides. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 1171-1176.	2.8	11

#	ARTICLE	IF	CITATIONS
19	Heterochiral Knottin Protein: Folding and Solution Structure. <i>Biochemistry</i> , 2017, 56, 5720-5725.	2.5	10
20	Barrier height of free energy on confined polymer translocation through a short nano-channel. <i>Biochemical and Biophysical Research Communications</i> , 2006, 349, 15-19.	2.1	5
21	Monte Carlo Study on Spontaneous Recoil of Confined DNA Chain. <i>Chinese Journal of Chemical Physics</i> , 2008, 21, 281-285.	1.3	2