

Timothy W Craven

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

473
citations

12
h-index

18
g-index

18
ext. papers

584
ext. citations

10.9
avg, IF

3.66
L-index

#	Paper	IF	Citations
17	Computationally designed peptide macrocycle inhibitors of New Delhi metallo-β-lactamase 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	17
16	Isolating Conformers to Assess Dynamics of Peptidic Catalysts Using Computationally Designed Macrocylic Peptides. <i>ACS Catalysis</i> , 2021 , 11, 4395-4400	13.1	4
15	O-GlcNAc modification of small heat shock proteins enhances their anti-amyloid chaperone activity. <i>Nature Chemistry</i> , 2021 , 13, 441-450	17.6	18
14	Anchor extension: a structure-guided approach to design cyclic peptides targeting enzyme active sites. <i>Nature Communications</i> , 2021 , 12, 3384	17.4	12
13	Computational design of mixed chirality peptide macrocycles with internal symmetry. <i>Protein Science</i> , 2020 , 29, 2433-2445	6.3	9
12	De Novo Carborane-Containing Macrocylic Peptides Targeting Human Epidermal Growth Factor Receptor. <i>Journal of the American Chemical Society</i> , 2019 , 141, 19193-19197	16.4	24
11	Design of Peptoid-peptide Macrocycles to Inhibit the Eatenin TCF Interaction in Prostate Cancer. <i>Nature Communications</i> , 2018 , 9, 4396	17.4	50
10	The Sulfur-Linked Analogue of O-GlcNAc (S-GlcNAc) Is an Enzymatically Stable and Reasonable Structural Surrogate for O-GlcNAc at the Peptide and Protein Levels. <i>Biochemistry</i> , 2017 , 56, 3507-3517	3.2	39
9	Rotamer Libraries for the High-Resolution Design of β-Amino Acid Foldamers. <i>Structure</i> , 2017 , 25, 1771-1780	8.3	10
8	Comprehensive computational design of ordered peptide macrocycles. <i>Science</i> , 2017 , 358, 1461-1466	33.3	96
7	PPII Helical Peptidomimetics Templated by Cation-π Interactions. <i>ChemBioChem</i> , 2016 , 17, 1824-1828	3.8	9
6	A Miniature Protein Stabilized by a Cation-π Interaction Network. <i>Journal of the American Chemical Society</i> , 2016 , 138, 1543-50	16.4	41
5	Semisynthesis of peptoid-protein hybrids by chemical ligation at serine. <i>Organic Letters</i> , 2014 , 16, 512-5	6.2	33
4	Intrinsic bioconjugation for site-specific protein PEGylation at N-terminal serine. <i>Chemical Communications</i> , 2014 , 50, 6909-12	5.8	19
3	A rotamer library to enable modeling and design of peptoid foldamers. <i>Journal of the American Chemical Society</i> , 2014 , 136, 8772-82	16.4	31
2	Chemoselective fragment condensation between peptide and peptidomimetic oligomers. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 4142-6	3.9	14
1	Adding diverse noncanonical backbones to rosetta: enabling peptidomimetic design. <i>PLoS ONE</i> , 2013 , 8, e67051	3.7	47

