

Timothy W Craven

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

710
citations

686830

13
h-index

839053

18
g-index

18
all docs

18
docs citations

18
times ranked

1258
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive computational design of ordered peptide macrocycles. <i>Science</i> , 2017, 358, 1461-1466.	6.0	146
2	Design of Peptoid-peptide Macrocycles to Inhibit the β -catenin TCF Interaction in Prostate Cancer. <i>Nature Communications</i> , 2018, 9, 4396.	5.8	66
3	Adding Diverse Noncanonical Backbones to Rosetta: Enabling Peptidomimetic Design. <i>PLoS ONE</i> , 2013, 8, e67051.	1.1	59
4	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.	1.2	59
5	O-GlcNAc modification of small heat shock proteins enhances their anti-amyloid chaperone activity. <i>Nature Chemistry</i> , 2021, 13, 441-450.	6.6	54
6	A Miniature Protein Stabilized by a Cation- π Interaction Network. <i>Journal of the American Chemical Society</i> , 2016, 138, 1543-1550.	6.6	45
7	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, .	3.3	41
8	A Rotamer Library to Enable Modeling and Design of Peptoid Foldamers. <i>Journal of the American Chemical Society</i> , 2014, 136, 8772-8782.	6.6	40
9	De Novo Carborane-Containing Macrocyclic Peptides Targeting Human Epidermal Growth Factor Receptor. <i>Journal of the American Chemical Society</i> , 2019, 141, 19193-19197.	6.6	39
10	Anchor extension: a structure-guided approach to design cyclic peptides targeting enzyme active sites. <i>Nature Communications</i> , 2021, 12, 3384.	5.8	37
11	Semisynthesis of Peptoid-Protein Hybrids by Chemical Ligation at Serine. <i>Organic Letters</i> , 2014, 16, 512-515.	2.4	36
12	Intrinsic bioconjugation for site-specific protein PEGylation at N-terminal serine. <i>Chemical Communications</i> , 2014, 50, 6909-6912.	2.2	22
13	Computational design of mixed chirality peptide macrocycles with internal symmetry. <i>Protein Science</i> , 2020, 29, 2433-2445.	3.1	16
14	Chemoselective fragment condensation between peptide and peptidomimetic oligomers. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 4142.	1.5	15
15	Rotamer Libraries for the High-Resolution Design of β -Amino Acid Foldamers. <i>Structure</i> , 2017, 25, 1771-1780.e3.	1.6	13
16	Isolating Conformers to Assess Dynamics of Peptidic Catalysts Using Computationally Designed Macrocyclic Peptides. <i>ACS Catalysis</i> , 2021, 11, 4395-4400.	5.5	11
17	PPII Helical Peptidomimetics Templated by Cation- π Interactions. <i>ChemBioChem</i> , 2016, 17, 1824-1828.	1.3	10
18	Generation of Potent and Stable GLP-1 Analogues Via α -Serine Ligation. <i>ACS Chemical Biology</i> , 2022, 17, 804-809.	1.6	1