

Shiyu Chen

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,094
citations

567281

15
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

1158
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclic peptide drugs approved in the last two decades (2001–2021). <i>RSC Chemical Biology</i> , 2022, 3, 18-31.	4.1	114
2	Identification of highly selective covalent inhibitors by phage display. <i>Nature Biotechnology</i> , 2021, 39, 490-498.	17.5	63
3	Synthetic and biological approaches to map substrate specificities of proteases. <i>Biological Chemistry</i> , 2019, 401, 165-182.	2.5	15
4	A Synthetic Factor XIIa Inhibitor Blocks Selectively Intrinsic Coagulation Initiation. <i>ACS Chemical Biology</i> , 2015, 10, 1861-1870.	3.4	64
5	Phage Selection of Bicyclic Peptides Based on Two Disulfide Bridges. <i>Methods in Molecular Biology</i> , 2015, 1248, 119-137.	0.9	17
6	Phage Selection of Photoswitchable Peptide Ligands. <i>Journal of the American Chemical Society</i> , 2014, 136, 5880-5883.	13.7	67
7	Peptide Ligands Stabilized by Small Molecules. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1602-1606.	13.8	103
8	Dithiol amino acids can structurally shape and enhance the ligand-binding properties of polypeptides. <i>Nature Chemistry</i> , 2014, 6, 1009-1016.	13.6	73
9	Tracking chemical reactions on the surface of filamentous phage using mass spectrometry. <i>Chemical Communications</i> , 2014, 50, 5267-5269.	4.1	9
10	Bicyclic Peptide Ligands Pulled out of Cysteine-Rich Peptide Libraries. <i>Journal of the American Chemical Society</i> , 2013, 135, 6562-6569.	13.7	78
11	Improving Binding Affinity and Stability of Peptide Ligands by Substituting Glycines with D-Amino Acids. <i>ChemBioChem</i> , 2013, 14, 1316-1322.	2.6	56
12	Pattern-Based Sensing of Peptides and Aminoglycosides with a Single Molecular Probe. <i>Organic Letters</i> , 2013, 15, 3456-3459.	4.6	16
13	Bicyclization and Tethering to Albumin Yields Long-Acting Peptide Antagonists. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 10187-10197.	6.4	47
14	Bicyclic Peptide Inhibitor Reveals Large Contact Interface with a Protease Target. <i>ACS Chemical Biology</i> , 2012, 7, 817-821.	3.4	156
15	Structurally Diverse Cyclisation Linkers Impose Different Backbone Conformations in Bicyclic Peptides. <i>ChemBioChem</i> , 2012, 13, 1032-1038.	2.6	81
16	Bicyclic Peptides with Optimized Ring Size Inhibit Human Plasma Kallikrein and its Orthologues While Sparing Paralogous Proteases. <i>ChemMedChem</i> , 2012, 7, 1173-1176.	3.2	66
17	Microwave-Assisted Efficient Copper-Promoted N-Arylation of Amines with Arylboronic Acids. <i>ACS Combinatorial Science</i> , 2008, 10, 358-360.	3.3	41