

# Shiyu Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/755348/publications.pdf>

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17  
papers

1,094  
citations

567281

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839539

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21  
docs citations

21  
times ranked

1158  
citing authors

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