

# Anne C Conibear

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,057  
citations

516681

16  
h-index

434170

31  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1353  
citing authors

#	ARTICLE	IF	CITATIONS
1	Native chemical ligation in protein synthesis and semi-synthesis. <i>Chemical Society Reviews</i> , 2018, 47, 9046-9068.	38.1	232
2	Deciphering protein post-translational modifications using chemical biology tools. <i>Nature Reviews Chemistry</i> , 2020, 4, 674-695.	30.2	118
3	The Chemistry and Biology of Theta Defensins. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10612-10623.	13.8	72
4	The Chemistry of Cyclotides. <i>Journal of Organic Chemistry</i> , 2011, 76, 4805-4817.	3.2	69
5	The Cyclic Cystine Ladder in $\hat{\Gamma}_1$ -Defensins Is Important for Structure and Stability, but Not Antibacterial Activity. <i>Journal of Biological Chemistry</i> , 2013, 288, 10830-10840.	3.4	67
6	Structural Characterization of the Cyclic Cystine Ladder Motif of $\hat{\Gamma}_1$ -Defensins. <i>Biochemistry</i> , 2012, 51, 9718-9726.	2.5	59
7	Approaches to the stabilization of bioactive epitopes by grafting and peptide cyclization. <i>Biopolymers</i> , 2016, 106, 89-100.	2.4	56
8	Mirror Images of Antimicrobial Peptides Provide Reflections on Their Functions and Amyloidogenic Properties. <i>Journal of the American Chemical Society</i> , 2016, 138, 5706-5713.	13.7	55
9	The Cyclic Cystine Ladder of Theta-Defensins as a Stable, Bifunctional Scaffold: A Proof-of-Concept Study Using the Integrin-Binding RGD Motif.. <i>ChemBioChem</i> , 2014, 15, 451-459.	2.6	45
10	Recent Advances in Peptide-Based Approaches for Cancer Treatment. <i>Current Medicinal Chemistry</i> , 2020, 27, 1174-1205.	2.4	30
11	Synthesis and evaluation of phosphonated N-heteroarylcarboxamides as DOXP-reductoisomerase (DXR) inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 1321-1327.	3.0	25
12	Random coil shifts of posttranslationally modified amino acids. <i>Journal of Biomolecular NMR</i> , 2019, 73, 587-599.	2.8	24
13	Insights into the Molecular Flexibility of $\hat{\Gamma}_1$ -Defensins by NMR Relaxation Analysis. <i>Journal of Physical Chemistry B</i> , 2014, 118, 14257-14266.	2.6	22
14	Efficient enzymatic cyclization of an inhibitory cystine knot-containing peptide. <i>Biotechnology and Bioengineering</i> , 2016, 113, 2202-2212.	3.3	22
15	Arginine side-chain modification that occurs during copper-catalysed azide-alkyne click reactions resembles an advanced glycation end product. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6205-6211.	2.8	21
16	Quantification of small cyclic disulfide-rich peptides. <i>Biopolymers</i> , 2012, 98, 518-524.	2.4	20
17	Multifunctional $\hat{\Gamma}_1$ Integrin-Specific Peptide-Pt(IV) Conjugates for Cancer Cell Targeting. <i>Bioconjugate Chemistry</i> , 2017, 28, 2429-2439.	3.6	18
18	Exploring DOXP-reductoisomerase binding limits using phosphonated N-aryl and N-heteroarylcarboxamides as DXR inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 4332-4341.	3.0	16

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19	Transforming conotoxins into cyclotides: Backbone cyclization of Pâ€superfamily conotoxins. <i>Biopolymers</i> , 2015, 104, 682-692.	2.4	13
20	Synthetic integrin-binding immune stimulators target cancer cells and prevent tumor formation. <i>Scientific Reports</i> , 2017, 7, 17592.	3.3	9
21	Segmental and site-specific isotope labelling strategies for structural analysis of posttranslationally modified proteins. <i>RSC Chemical Biology</i> , 2021, 2, 1441-1461.	4.1	9
22	Chemical Synthesis of Naturallyâ€Occurring Cyclic Miniâ€Proteins from Plants and Animals. <i>Israel Journal of Chemistry</i> , 2011, 51, 908-916.	2.3	8
23	<sup>31</sup> P NMR kinetic study of the tandem cleavage of phosphonate esters by bromotrimethylsilane. <i>Tetrahedron</i> , 2010, 66, 8446-8449.	1.9	7
24	Site-specific modification and segmental isotope labelling of HMGNI reveals long-range conformational perturbations caused by posttranslational modifications. <i>RSC Chemical Biology</i> , 2021, 2, 537-550.	4.1	7
25	A comparative study of synthetic and semisynthetic approaches for ligating the epidermal growth factor to a bivalent scaffold. <i>Journal of Peptide Science</i> , 2017, 23, 871-879.	1.4	5
26	Synthetic Cancerâ€Targeting Innate Immune Stimulators Give Insights into Avidity Effects. <i>ChemBioChem</i> , 2018, 19, 459-469.	2.6	5
27	Multifunctional Scaffolds for Assembling Cancer-Targeting Immune Stimulators Using Chemoselective Ligations. <i>Frontiers in Chemistry</i> , 2019, 7, 113.	3.6	3
28	Synthesis and anti-parasitic activity of achiral N-benzylated phosphoramidic acid derivatives. <i>Bioorganic Chemistry</i> , 2020, 101, 103947.	4.1	2
29	Posttranslational modifications of Î±-conotoxins: sulfotyrosine and C-terminal amidation stabilise structures and increase acetylcholine receptor binding. <i>RSC Medicinal Chemistry</i> , 2021, 12, 1574-1584.	3.9	2
30	Tumor-Targeting Immune System Engagers (ISERs) Activate Human Neutrophils after Binding to Cancer Cells. <i>Biochemistry</i> , 2019, 58, 2642-2652.	2.5	1
31	A conserved Î²â€bulge glycine residue facilitates folding and increases stability of the mouse Î±â€defensin cryptdinâ€4. <i>Peptide Science</i> , 2022, 114, e24250.	1.8	1
32	Protein Chemistry Looking Ahead: 8th Chemical Protein Synthesis Meeting 16-19 June 2019, Berlin, Germany. <i>Cell Chemical Biology</i> , 2019, 26, 1349-1354.	5.2	0