Anne C Conibear

List of Publications by Year in Descending Order

33 papers	724 citations	14 h-index	26 g-index
40 ext. papers	908 ext. citations	6.9 avg, IF	4.78 L-index

#	Paper	IF	Citations
33	A conserved β-bulge glycine residue facilitates folding and increases stability of the mouse β-defensin cryptdin-4. *Peptide Science*, **2022**, 114, e24250	3	
32	Segmental and site-specific isotope labelling strategies for structural analysis of posttranslationally modified proteins. *RSC Chemical Biology*, **2021**, 2, 1441-1461	3	3
31	Site-specific modification and segmental isotope labelling of HMGN1 reveals long-range conformational perturbations caused by posttranslational modifications. *RSC Chemical Biology*, **2021**, 2, 537-550	3	5
30	Posttranslational modifications of κ-conotoxins: sulfotyrosine and C-terminal amidation stabilise structures and increase acetylcholine receptor binding. *RSC Medicinal Chemistry*, **2021**, 12, 1574-1584	3.5	
29	Synthesis and anti-parasitic activity of achiral N-benzylated phosphoramidic acid derivatives. *Bioorganic Chemistry*, **2020**, 101, 103947	5.1	2
28	Recent Advances in Peptide-Based Approaches for Cancer Treatment. *Current Medicinal Chemistry*, **2020**, 27, 1174-1205	4.3	10
27	Deciphering protein post-translational modifications using chemical biology tools. *Nature Reviews Chemistry*, **2020**, 4, 674-695	34.6	37
26	Tumor-Targeting Immune System Engagers (ISErs) Activate Human Neutrophils after Binding to Cancer Cells. *Biochemistry*, **2019**, 58, 2642-2652	3.2	0
25	Multifunctional Scaffolds for Assembling Cancer-Targeting Immune Stimulators Using Chemoselective Ligations. *Frontiers in Chemistry*, **2019**, 7, 113	5	3
24	Random coil shifts of posttranslationally modified amino acids. *Journal of Biomolecular NMR*, **2019**, 73, 587-599	3	13
23	Protein Chemistry Looking Ahead: 8 Chemical Protein Synthesis Meeting 16-19 June 2019, Berlin, Germany. *Cell Chemical Biology*, **2019**, 26, 1349-1354	8.2	
22	Synthetic Cancer-Targeting Innate Immune Stimulators Give Insights into Avidity Effects. *ChemBioChem*, **2018**, 19, 459-469	3.8	2
21	Native chemical ligation in protein synthesis and semi-synthesis. *Chemical Society Reviews*, **2018**, 47, 9046-9068	39.8	158
20	Multifunctional αIntegrin-Specific Peptide-Pt(IV) Conjugates for Cancer Cell Targeting. *Bioconjugate Chemistry*, **2017**, 28, 2429-2439	6.3	9
19	Synthetic integrin-binding immune stimulators target cancer cells and prevent tumor formation. *Scientific Reports*, **2017**, 7, 17592	4.9	5
18	A comparative study of synthetic and semisynthetic approaches for ligating the epidermal growth factor to a bivalent scaffold. *Journal of Peptide Science*, **2017**, 23, 871-879	2.1	3
17	Efficient enzymatic cyclization of an inhibitory cystine knot-containing peptide. *Biotechnology and Bioengineering*, **2016**, 113, 2202-12	4.9	21

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16	Arginine side-chain modification that occurs during copper-catalysed azide-alkyne click reactions resembles an advanced glycation end product. *Organic and Biomolecular Chemistry*, **2016**, 14, 6205-11	3.9	17
15	Approaches to the stabilization of bioactive epitopes by grafting and peptide cyclization. *Biopolymers*, **2016**, 106, 89-100	2.2	33
14	Mirror Images of Antimicrobial Peptides Provide Reflections on Their Functions and Amyloidogenic Properties. *Journal of the American Chemical Society*, **2016**, 138, 5706-13	16.4	36
13	Transforming conotoxins into cyclotides: Backbone cyclization of P-superfamily conotoxins. *Biopolymers*, **2015**, 104, 682-92	2.2	10
12	The chemistry and biology of theta defensins. *Angewandte Chemie - International Edition*, **2014**, 53, 10612-23	12.4	59
11	The cyclic cystine ladder of theta-defensins as a stable, bifunctional scaffold: A proof-of-concept study using the integrin-binding RGD motif. *ChemBioChem*, **2014**, 15, 451-9	3.8	37
10	Insights into the molecular flexibility of θ-defensins by NMR relaxation analysis. *Journal of Physical Chemistry B*, **2014**, 118, 14257-66	3.4	18
9	Chemie und Biologie von Theta-Defensinen. *Angewandte Chemie*, **2014**, 126, 10786-10798	3.6	12
8	The cyclic cystine ladder in θ-defensins is important for structure and stability, but not antibacterial activity. *Journal of Biological Chemistry*, **2013**, 288, 10830-40	5.4	58
7	Exploring DOXP-reductoisomerase binding limits using phosphonated N-aryl and N-heteroarylcarboxamides as DXR inhibitors. *Bioorganic and Medicinal Chemistry*, **2013**, 21, 4332-41	3.4	13
6	Quantification of small cyclic disulfide-rich peptides. *Biopolymers*, **2012**, 98, 518-24	2.2	19
5	Structural characterization of the cyclic cystine ladder motif of θ-defensins. *Biochemistry*, **2012**, 51, 9718-26	3.2	50
4	The chemistry of cyclotides. *Journal of Organic Chemistry*, **2011**, 76, 4805-17	4.2	55
3	Chemical Synthesis of Naturally-Occurring Cyclic Mini-Proteins from Plants and Animals. *Israel Journal of Chemistry*, **2011**, 51, 908-916	3.4	6
2	Synthesis and evaluation of phosphonated N-heteroarylcarboxamides as DOXP-reductoisomerase (DXR) inhibitors. *Bioorganic and Medicinal Chemistry*, **2011**, 19, 1321-7	3.4	22
1	31P NMR kinetic study of the tandem cleavage of phosphonate esters by bromotrimethylsilane. *Tetrahedron*, **2010**, 66, 8446-8449	2.4	7