

Anne C Conibear

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Native chemical ligation in protein synthesis and semi-synthesis. <i>Chemical Society Reviews</i> , 2018 , 47, 9046-9068	9.9	158
32	The chemistry and biology of theta defensins. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 10612-23	12.3	59
31	The cyclic cystine ladder in Edefensins is important for structure and stability, but not antibacterial activity. <i>Journal of Biological Chemistry</i> , 2013 , 288, 10830-40	5.4	58
30	The chemistry of cyclotides. <i>Journal of Organic Chemistry</i> , 2011 , 76, 4805-17	4.2	55
29	Structural characterization of the cyclic cystine ladder motif of Edefensins. <i>Biochemistry</i> , 2012 , 51, 9718-26	3.6	50
28	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, 451-9	3.8	37
27	Deciphering protein post-translational modifications using chemical biology tools. <i>Nature Reviews Chemistry</i> , 2020 , 4, 674-695	34.6	37
26	Mirror Images of Antimicrobial Peptides Provide Reflections on Their Functions and Amyloidogenic Properties. <i>Journal of the American Chemical Society</i> , 2016 , 138, 5706-13	16.4	36
25	Approaches to the stabilization of bioactive epitopes by grafting and peptide cyclization. <i>Biopolymers</i> , 2016 , 106, 89-100	2.2	33
24	Synthesis and evaluation of phosphonated N-heteroarylcarboxamides as DOXP-reductoisomerase (DXR) inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 1321-7	3.4	22
23	Efficient enzymatic cyclization of an inhibitory cystine knot-containing peptide. <i>Biotechnology and Bioengineering</i> , 2016 , 113, 2202-12	4.9	21
22	Quantification of small cyclic disulfide-rich peptides. <i>Biopolymers</i> , 2012 , 98, 518-24	2.2	19
21	Insights into the molecular flexibility of Edefensins by NMR relaxation analysis. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 14257-66	3.4	18
20	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, 6205-11	3.9	17
19	Random coil shifts of posttranslationally modified amino acids. <i>Journal of Biomolecular NMR</i> , 2019 , 73, 587-599	3	13
18	Exploring DOXP-reductoisomerase binding limits using phosphonated N-aryl and N-heteroarylcarboxamides as DXR inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 4332-41	3.4	13
17	Chemie und Biologie von Theta-Defensinen. <i>Angewandte Chemie</i> , 2014 , 126, 10786-10798	3.6	12

16	Recent Advances in Peptide-Based Approaches for Cancer Treatment. <i>Current Medicinal Chemistry</i> , 2020 , 27, 1174-1205	4.3	10
15	Transforming conotoxins into cyclotides: Backbone cyclization of P-superfamily conotoxins. <i>Biopolymers</i> , 2015 , 104, 682-92	2.2	10
14	Multifunctional Integrin-Specific Peptide-Pt(IV) Conjugates for Cancer Cell Targeting. <i>Bioconjugate Chemistry</i> , 2017 , 28, 2429-2439	6.3	9
13	³¹ P NMR kinetic study of the tandem cleavage of phosphonate esters by bromotrimethylsilane. <i>Tetrahedron</i> , 2010 , 66, 8446-8449	2.4	7
12	Chemical Synthesis of Naturally-Occurring Cyclic Mini-Proteins from Plants and Animals. <i>Israel Journal of Chemistry</i> , 2011 , 51, 908-916	3.4	6
11	Synthetic integrin-binding immune stimulators target cancer cells and prevent tumor formation. <i>Scientific Reports</i> , 2017 , 7, 17592	4.9	5
10	Site-specific modification and segmental isotope labelling of HMGN1 reveals long-range conformational perturbations caused by posttranslational modifications. <i>RSC Chemical Biology</i> , 2021 , 2, 537-550	3	5
9	Multifunctional Scaffolds for Assembling Cancer-Targeting Immune Stimulators Using Chemoselective Ligations. <i>Frontiers in Chemistry</i> , 2019 , 7, 113	5	3
8	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	2.1	3
7	Segmental and site-specific isotope labelling strategies for structural analysis of posttranslationally modified proteins. <i>RSC Chemical Biology</i> , 2021 , 2, 1441-1461	3	3
6	Synthesis and anti-parasitic activity of achiral N-benzylated phosphoramidic acid derivatives. <i>Bioorganic Chemistry</i> , 2020 , 101, 103947	5.1	2
5	Synthetic Cancer-Targeting Innate Immune Stimulators Give Insights into Avidity Effects. <i>ChemBioChem</i> , 2018 , 19, 459-469	3.8	2
4	Tumor-Targeting Immune System Engagers (ISERs) Activate Human Neutrophils after Binding to Cancer Cells. <i>Biochemistry</i> , 2019 , 58, 2642-2652	3.2	0
3	Protein Chemistry Looking Ahead: 8 Chemical Protein Synthesis Meeting 16-19 June 2019, Berlin, Germany. <i>Cell Chemical Biology</i> , 2019 , 26, 1349-1354	8.2	
2	A conserved Ebulge glycine residue facilitates folding and increases stability of the mouse Edefensin cryptdin-4. <i>Peptide Science</i> , 2022 , 114, e24250	3	
1	Posttranslational modifications of Eonotoxins: sulfotyrosine and C-terminal amidation stabilise structures and increase acetylcholine receptor binding. <i>RSC Medicinal Chemistry</i> , 2021 , 12, 1574-1584	3.5	