

K Johan Rosengren

List of Publications by Year in descending order

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times ranked

4828
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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Twists, Knots, and Rings in Proteins. <i>Journal of Biological Chemistry</i> , 2003, 278, 8606-8616. | 3.4 | 292 |
| 2 | Microcin J25 Has a Threaded Sidechain-to-Backbone Ring Structure and Not a Head-to-Tail Cyclized Backbone. <i>Journal of the American Chemical Society</i> , 2003, 125, 12464-12474. | 13.7 | 248 |
| 3 | Isolation, Solution Structure, and Insecticidal Activity of Kalata B2, a Circular Protein with a Twist: Do Möbius Strips Exist in Nature? <i>Biochemistry</i> , 2005, 44, 851-860. | 2.5 | 225 |
| 4 | Solution structures by ¹ H NMR of the novel cyclic trypsin inhibitor SFTI-1 from sunflower seeds and an acyclic permutant 1. Edited by M. F. Summers. <i>Journal of Molecular Biology</i> , 2001, 311, 579-591. | 4.2 | 220 |
| 5 | Engineering stable peptide toxins by means of backbone cyclization: Stabilization of the \hat{A} -conotoxin MIII. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 13767-13772. | 7.1 | 220 |
| 6 | Discovery, structure and biological activities of cyclotides. <i>Advanced Drug Delivery Reviews</i> , 2009, 61, 918-930. | 13.7 | 176 |
| 7 | Theoretical and computational strategies for rational molecularly imprinted polymer design. <i>Biosensors and Bioelectronics</i> , 2009, 25, 543-552. | 10.1 | 156 |
| 8 | Decoding the Membrane Activity of the Cyclotide Kalata B1. <i>Journal of Biological Chemistry</i> , 2011, 286, 24231-24241. | 3.4 | 155 |
| 9 | Alanine Scanning Mutagenesis of the Prototypic Cyclotide Reveals a Cluster of Residues Essential for Bioactivity. <i>Journal of Biological Chemistry</i> , 2008, 283, 9805-9813. | 3.4 | 153 |
| 10 | Pharmacological characterisation of the highly NaV1.7 selective spider venom peptide Pn3a. <i>Scientific Reports</i> , 2017, 7, 40883. | 3.3 | 120 |
| 11 | Functional Analysis of the \hat{I} -Defensin Disulfide Array in Mouse Cryptdin-4. <i>Journal of Biological Chemistry</i> , 2004, 279, 44188-44196. | 3.4 | 119 |
| 12 | Isolation and Characterization of Novel Cyclotides from <i>Viola hederaceae</i> . <i>Journal of Biological Chemistry</i> , 2005, 280, 22395-22405. | 3.4 | 117 |
| 13 | Identification of crucial residues for the antibacterial activity of the proline-rich peptide, pyrrococorin. <i>FEBS Journal</i> , 2002, 269, 4226-4237. | 0.2 | 112 |
| 14 | Combined X-ray and NMR Analysis of the Stability of the Cyclotide Cystine Knot Fold That Underpins Its Insecticidal Activity and Potential Use as a Drug Scaffold. <i>Journal of Biological Chemistry</i> , 2009, 284, 10672-10683. | 3.4 | 96 |
| 15 | Solution Structure and Novel Insights into the Determinants of the Receptor Specificity of Human Relaxin-3. <i>Journal of Biological Chemistry</i> , 2006, 281, 5845-5851. | 3.4 | 93 |
| 16 | Design, Synthesis, and Characterization of a Single-Chain Peptide Antagonist for the Relaxin-3 Receptor RXFP3. <i>Journal of the American Chemical Society</i> , 2011, 133, 4965-4974. | 13.7 | 86 |
| 17 | The A-chain of Human Relaxin Family Peptides Has Distinct Roles in the Binding and Activation of the Different Relaxin Family Peptide Receptors. <i>Journal of Biological Chemistry</i> , 2008, 283, 17287-17297. | 3.4 | 85 |
| 18 | Semienzymatic Cyclization of Disulfide-rich Peptides Using Sortase A. <i>Journal of Biological Chemistry</i> , 2014, 289, 6627-6638. | 3.4 | 83 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Synthesis, Conformation, and Activity of Human Insulin-Like Peptide 5 (INSL5). <i>ChemBioChem</i> , 2008, 9, 1816-1822. | 2.6 | 77 |
| 20 | Relaxin-3/RXFP3 system regulates alcohol-seeking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20789-20794. | 7.1 | 77 |
| 21 | Solution Structure and Characterization of the LGR8 Receptor Binding Surface of Insulin-like Peptide 3. <i>Journal of Biological Chemistry</i> , 2006, 281, 28287-28295. | 3.4 | 73 |
| 22 | Identification and Characterization of ProTx-III [<i>1</i>]-TRTX-Tp1a], a New Voltage-Gated Sodium Channel Inhibitor from Venom of the Tarantula <i>Thrixopelma pruriens</i> . <i>Molecular Pharmacology</i> , 2015, 88, 291-303. | 2.3 | 72 |
| 23 | Relaxin family peptides: structure-activity relationship studies. <i>British Journal of Pharmacology</i> , 2017, 174, 950-961. | 5.4 | 72 |
| 24 | Structure of Thermolysin Cleaved Microcin J25: Extreme Stability of a Two-Chain Antimicrobial Peptide Devoid of Covalent Links. <i>Biochemistry</i> , 2004, 43, 4696-4702. | 2.5 | 70 |
| 25 | A single-chain derivative of the relaxin hormone is a functionally selective agonist of the G protein-coupled receptor, RXFP1. <i>Chemical Science</i> , 2016, 7, 3805-3819. | 7.4 | 70 |
| 26 | Solid phase synthesis and structural analysis of novel A-chain dicarba analogs of human relaxin-3 (INSL7) that exhibit full biological activity. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 1547. | 2.8 | 68 |
| 27 | The Cyclic Cystine Ladder in δ -Defensins Is Important for Structure and Stability, but Not Antibacterial Activity. <i>Journal of Biological Chemistry</i> , 2013, 288, 10830-10840. | 3.4 | 67 |
| 28 | Chemical Synthesis, 3D Structure, and ASIC Binding Site of the Toxin Mambalgin. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1017-1020. | 13.8 | 66 |
| 29 | Design and Synthesis of Truncated EGF-A Peptides that Restore LDL-R Recycling in the Presence of PCSK9 In Vitro. <i>Chemistry and Biology</i> , 2014, 21, 284-294. | 6.0 | 63 |
| 30 | The Conserved Glu in the Cyclotide Cycloviolacin O2 Has a Key Structural Role. <i>ChemBioChem</i> , 2009, 10, 2354-2360. | 2.6 | 62 |
| 31 | Identification, Characterization, and Three-Dimensional Structure of the Novel Circular Bacteriocin, Enterocin NKR-5-3B, from <i>Enterococcus faecium</i> . <i>Biochemistry</i> , 2015, 54, 4863-4876. | 2.5 | 62 |
| 32 | Structural Characterization of the Cyclic Cystine Ladder Motif of δ -Defensins. <i>Biochemistry</i> , 2012, 51, 9718-9726. | 2.5 | 59 |
| 33 | Circular Proteins from Plants and Fungi. <i>Journal of Biological Chemistry</i> , 2012, 287, 27001-27006. | 3.4 | 58 |
| 34 | Distribution of circular proteins in plants: large-scale mapping of cyclotides in the Violaceae. <i>Frontiers in Plant Science</i> , 2015, 6, 855. | 3.6 | 58 |
| 35 | Structures of Naturally Occurring Circular Proteins from Bacteria. <i>Journal of Bacteriology</i> , 2003, 185, 4011-4021. | 2.2 | 57 |
| 36 | Engineered protease inhibitors based on sunflower trypsin inhibitor-1 (SFTI-1) provide insights into the role of sequence and conformation in Laskowski mechanism inhibition. <i>Biochemical Journal</i> , 2015, 469, 243-253. | 3.7 | 57 |

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| 37 | Approaches to the stabilization of bioactive epitopes by grafting and peptide cyclization. <i>Biopolymers</i> , 2016, 106, 89-100. | 2.4 | 56 |
| 38 | Backbone Cyclization and Dimerization of LL-37-Derived Peptides Enhance Antimicrobial Activity and Proteolytic Stability. <i>Frontiers in Microbiology</i> , 2020, 11, 168. | 3.5 | 56 |
| 39 | The Minimal Active Structure of Human Relaxin-2. <i>Journal of Biological Chemistry</i> , 2011, 286, 37555-37565. | 3.4 | 52 |
| 40 | Evolutionary Origins of a Bioactive Peptide Buried within Preproalbumin. <i>Plant Cell</i> , 2014, 26, 981-995. | 6.6 | 51 |
| 41 | Elucidation of relaxin-3 binding interactions in the extracellular loops of RXFP3. <i>Frontiers in Endocrinology</i> , 2013, 4, 13. | 3.5 | 48 |
| 42 | Structure of human insulin-like peptide 5 and characterization of conserved hydrogen bonds and electrostatic interactions within the relaxin framework. <i>Biochemical Journal</i> , 2009, 419, 619-627. | 3.7 | 47 |
| 43 | Central injection of relaxin-3 receptor (RXFP3) antagonist peptides reduces motivated food seeking and consumption in C57BL/6J mice. <i>Behavioural Brain Research</i> , 2014, 268, 117-126. | 2.2 | 46 |
| 44 | The Different Ligand-Binding Modes of Relaxin Family Peptide Receptors RXFP1 and RXFP2. <i>Molecular Endocrinology</i> , 2012, 26, 1896-1906. | 3.7 | 45 |
| 45 | 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 |
| 46 | Stabilization of the Cysteine-Rich Conotoxin MrlA by Using a 1,2,3-Triazole as a Disulfide Bond Mimetic. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1361-1364. | 13.8 | 45 |
| 47 | Retrocyclin-2: Structural Analysis of a Potent Anti-HIV β_1 -Defensin. <i>Biochemistry</i> , 2007, 46, 9920-9928. | 2.5 | 43 |
| 48 | Structure of the R3/I5 Chimeric Relaxin Peptide, a Selective GPCR135 and GPCR142 Agonist. <i>Journal of Biological Chemistry</i> , 2008, 283, 23811-23818. | 3.4 | 42 |
| 49 | Development of a Single-Chain Peptide Agonist of the Relaxin-3 Receptor Using Hydrocarbon Stapling. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 7445-7456. | 6.4 | 42 |
| 50 | Structural and Functional Characterization of the Conserved Salt Bridge in Mammalian Paneth Cell β_1 -Defensins. <i>Journal of Biological Chemistry</i> , 2006, 281, 28068-28078. | 3.4 | 40 |
| 51 | Understanding the Molecular Basis of Toxin Promiscuity: The Analgesic Sea Anemone Peptide APETx2 Interacts with Acid-Sensing Ion Channel 3 and hERG Channels via Overlapping Pharmacophores. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 9195-9203. | 6.4 | 40 |
| 52 | The Role of Conserved Glu Residue on Cyclotide Stability and Activity: A Structural and Functional Study of Kalata B12, a Naturally Occurring Glu to Asp Mutant. <i>Biochemistry</i> , 2011, 50, 4077-4086. | 2.5 | 39 |
| 53 | Central relaxin-3 receptor (RXFP3) activation reduces elevated, but not basal, anxiety-like behaviour in C57BL/6J mice. <i>Behavioural Brain Research</i> , 2015, 292, 125-132. | 2.2 | 39 |
| 54 | Solution Structures of the cis- and trans-Pro30 Isomers of a Novel 38-Residue Toxin from the Venom of <i>Hadronyche infensa</i> sp. that Contains a Cystine-Knot Motif within Its Four Disulfide Bonds. <i>Biochemistry</i> , 2002, 41, 3294-3301. | 2.5 | 38 |

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| 55 | Structural Insights into the Role of the Cyclic Backbone in a Squash Trypsin Inhibitor. <i>Journal of Biological Chemistry</i> , 2013, 288, 36141-36148. | 3.4 | 38 |
| 56 | Seed storage albumins: biosynthesis, trafficking and structures. <i>Functional Plant Biology</i> , 2014, 41, 671. | 2.1 | 37 |
| 57 | Solution Structure, Membrane Interactions, and Protein Binding Partners of the Tetraspanin Sm-TSP-2, a Vaccine Antigen from the Human Blood Fluke <i>Schistosoma mansoni</i> . <i>Journal of Biological Chemistry</i> , 2014, 289, 7151-7163. | 3.4 | 33 |
| 58 | Buried treasure: biosynthesis, structures and applications of cyclic peptides hidden in seed storage albumins. <i>Natural Product Reports</i> , 2018, 35, 137-146. | 10.3 | 31 |
| 59 | NMR and protein structure in drug design: application to cyclotides and conotoxins. <i>European Biophysics Journal</i> , 2011, 40, 359-370. | 2.2 | 30 |
| 60 | Chemically synthesized dicarba H2 relaxin analogues retain strong RXFP1 receptor activity but show an unexpected loss of in vitro serum stability. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 10895-10903. | 2.8 | 30 |
| 61 | Engineering of a Novel Simplified Human Insulin-Like Peptide 5 Agonist. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 2118-2125. | 6.4 | 30 |
| 62 | Prediction of disulfide dihedral angles using chemical shifts. <i>Chemical Science</i> , 2018, 9, 6548-6556. | 7.4 | 30 |
| 63 | The Î±-defensin salt-bridge induces backbone stability to facilitate folding and confer proteolytic resistance. <i>Amino Acids</i> , 2012, 43, 1471-1483. | 2.7 | 29 |
| 64 | Solution Structure, Aggregation Behavior, and Flexibility of Human Relaxin-2. <i>ACS Chemical Biology</i> , 2015, 10, 891-900. | 3.4 | 27 |
| 65 | In vitro assays of molecular motors - impact of motor-surface interactions. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 5732. | 3.0 | 27 |
| 66 | European wild boars and domestic pigs display different polymorphic patterns in the Toll-like receptor (TLR) 1, TLR2, and TLR6 genes. <i>Immunogenetics</i> , 2010, 62, 49-58. | 2.4 | 26 |
| 67 | Alanine and Lysine Scans of the LL-37-Derived Peptide Fragment KR12 Reveal Key Residues for Antimicrobial Activity. <i>ChemBioChem</i> , 2018, 19, 931-939. | 2.6 | 26 |
| 68 | Solution Structure of BST1: A New Trypsin Inhibitor from Skin Secretions of <i>Bombina orientalis</i> . <i>Biochemistry</i> , 2001, 40, 4601-4609. | 2.5 | 25 |
| 69 | Cyclotide Evolution: Insights from the Analyses of Their Precursor Sequences, Structures and Distribution in Violets (<i>Viola</i>). <i>Frontiers in Plant Science</i> , 2017, 8, 2058. | 3.6 | 25 |
| 70 | Structural and biochemical characteristics of the cyclotide kalata B5 from <i>Oldenlandia affinis</i> . <i>Biopolymers</i> , 2010, 94, 647-658. | 2.4 | 24 |
| 71 | Random coil shifts of posttranslationally modified amino acids. <i>Journal of Biomolecular NMR</i> , 2019, 73, 587-599. | 2.8 | 24 |
| 72 | Conopeptide Î±TIA Defines a New Allosteric Site on the Extracellular Surface of the Î±1B-Adrenoceptor. <i>Journal of Biological Chemistry</i> , 2013, 288, 1814-1827. | 3.4 | 23 |

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| 73 | Isolation, Characterization, and Synthesis of the Barrettides: Disulfide-Containing Peptides from the Marine Sponge <i>Geodia barretti</i> . <i>Journal of Natural Products</i> , 2015, 78, 1886-1893. | 3.0 | 23 |
| 74 | The Structural and Functional Role of the C-terminal Arginine in the Relaxin Peptide Antagonist, R3(B ¹ 23)R/I5. <i>Chemical Biology and Drug Design</i> , 2009, 73, 46-52. | 3.2 | 22 |
| 75 | Insights into the Molecular Flexibility of β -Defensins by NMR Relaxation Analysis. <i>Journal of Physical Chemistry B</i> , 2014, 118, 14257-14266. | 2.6 | 22 |
| 76 | Efficient enzymatic cyclization of an inhibitory cystine knot-containing peptide. <i>Biotechnology and Bioengineering</i> , 2016, 113, 2202-2212. | 3.3 | 22 |
| 77 | Peptide ion channel toxins from the bootlace worm, the longest animal on Earth. <i>Scientific Reports</i> , 2018, 8, 4596. | 3.3 | 22 |
| 78 | Novel analgesic β -conotoxins from the vermivorous cone snail <i>Conus moncuri</i> provide new insights into the evolution of conopeptides. <i>Scientific Reports</i> , 2018, 8, 13397. | 3.3 | 22 |
| 79 | Cyclization of pyrrolicocin retains structural elements crucial for the antimicrobial activity of the native peptide. <i>Biopolymers</i> , 2004, 76, 446-458. | 2.4 | 21 |
| 80 | Identification of Key Residues Essential for the Structural Fold and Receptor Selectivity within the A-chain of Human Gene-2 (H2) Relaxin. <i>Journal of Biological Chemistry</i> , 2012, 287, 41152-41164. | 3.4 | 21 |
| 81 | The self-association of the cyclotide kalata B2 in solution is guided by hydrophobic interactions. <i>Biopolymers</i> , 2013, 100, 453-460. | 2.4 | 19 |
| 82 | A Cactus-Derived Toxin-Like Cystine Knot Peptide with Selective Antimicrobial Activity. <i>ChemBioChem</i> , 2015, 16, 1068-1077. | 2.6 | 18 |
| 83 | An Ancient Peptide Family Buried within Vicilin Precursors. <i>ACS Chemical Biology</i> , 2019, 14, 979-993. | 3.4 | 17 |
| 84 | Secondary Structure Transitions for a Family of Amyloidogenic, Antimicrobial Uperin 3 Peptides in Contact with Sodium Dodecyl Sulfate. <i>ChemPlusChem</i> , 2022, 87, e202100408. | 2.8 | 17 |
| 85 | How Bugs Make Lassos. <i>Chemistry and Biology</i> , 2009, 16, 1211-1212. | 6.0 | 16 |
| 86 | The Structural Determinants of Insulin-Like Peptide 3 Activity. <i>Frontiers in Endocrinology</i> , 2012, 3, 11. | 3.5 | 16 |
| 87 | A tripartite approach identifies the major sunflower seed albumins. <i>Theoretical and Applied Genetics</i> , 2016, 129, 613-629. | 3.6 | 14 |
| 88 | Natural structural diversity within a conserved cyclic peptide scaffold. <i>Amino Acids</i> , 2017, 49, 103-116. | 2.7 | 14 |
| 89 | An Orbitide from <i>Ratibida columnifera</i> Seed Containing 16 Amino Acid Residues. <i>Journal of Natural Products</i> , 2019, 82, 2152-2158. | 3.0 | 14 |
| 90 | Three-Dimensional Structure Determination of Peptides Using Solution Nuclear Magnetic Resonance Spectroscopy. <i>Methods in Molecular Biology</i> , 2020, 2068, 129-162. | 0.9 | 14 |

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| 91 | Mature forms of the major seed storage albumins in sunflower: A mass spectrometric approach. <i>Journal of Proteomics</i> , 2016, 147, 177-186. | 2.4 | 13 |
| 92 | Diverse cyclic seed peptides in the Mexican zinnia (<i>Zinnia haageana</i>). <i>Biopolymers</i> , 2016, 106, 806-817. | 2.4 | 13 |
| 93 | Distinct but overlapping binding sites of agonist and antagonist at the relaxin family peptide 3 (RXFP3) receptor. <i>Journal of Biological Chemistry</i> , 2018, 293, 15777-15789. | 3.4 | 13 |
| 94 | Synthesis and pharmacological characterization of a europium-labelled single-chain antagonist for binding studies of the relaxin-3 receptor RXFP3. <i>Amino Acids</i> , 2015, 47, 1267-1271. | 2.7 | 12 |
| 95 | Two proteins for the price of one: Structural studies of the dual-destiny protein prealbumin with sunflower trypsin inhibitor-1. <i>Journal of Biological Chemistry</i> , 2017, 292, 12398-12411. | 3.4 | 12 |
| 96 | The genetic origin of evolidine, the first cyclopeptide discovered in plants, and related orbitides. <i>Journal of Biological Chemistry</i> , 2020, 295, 14510-14521. | 3.4 | 11 |
| 97 | Heimdallarchaea encodes profilin with eukaryotic-like actin regulation and polyproline binding. <i>Communications Biology</i> , 2021, 4, 1024. | 4.4 | 11 |
| 98 | Investigation of Receptor Heteromers Using NanoBRET Ligand Binding. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1082. | 4.1 | 10 |
| 99 | A chameleonic macrocyclic peptide with drug delivery applications. <i>Chemical Science</i> , 2021, 12, 6670-6683. | 7.4 | 9 |
| 100 | Structural Insights into the Function of Relaxins. <i>Annals of the New York Academy of Sciences</i> , 2009, 1160, 20-26. | 3.8 | 8 |
| 101 | Extensive polymorphism in the porcine Toll-like receptor 10 gene. <i>International Journal of Immunogenetics</i> , 2012, 39, 68-76. | 1.8 | 8 |
| 102 | Binding conformation and determinants of a single-chain peptide antagonist at the relaxin-3 receptor RXFP3. <i>Journal of Biological Chemistry</i> , 2018, 293, 15765-15776. | 3.4 | 8 |
| 103 | The interaction with fungal cell wall polysaccharides determines the salt tolerance of antifungal plant defensins. <i>Cell Surface</i> , 2019, 5, 100026. | 3.0 | 8 |
| 104 | NMR of Peptide Toxins. <i>Annual Reports on NMR Spectroscopy</i> , 2009, , 89-147. | 1.5 | 7 |
| 105 | Recifin A, Initial Example of the Tyr-Lock Peptide Structural Family, Is a Selective Allosteric Inhibitor of Tyrosyl-DNA Phosphodiesterase I. <i>Journal of the American Chemical Society</i> , 2020, 142, 21178-21188. | 13.7 | 7 |
| 106 | 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. | 4.1 | 7 |
| 107 | Allosteric regulation of arylamine N-acetyltransferase 1 by adenosine triphosphate. <i>Biochemical Pharmacology</i> , 2018, 158, 153-160. | 4.4 | 6 |
| 108 | Defining the Familial Fold of the Vicilin-Buried Peptide Family. <i>Journal of Natural Products</i> , 2020, 83, 3030-3040. | 3.0 | 6 |

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|-----|--|-----|-----------|
| 109 | Barrettides: A Peptide Family Specifically Produced by the Deep-Sea Sponge <i>Geodia barretti</i> . <i>Journal of Natural Products</i> , 2021, 84, 3138-3146. | 3.0 | 6 |
| 110 | Development of Relaxin-3 Agonists and Antagonists Based on Grafted Disulfide-Stabilized Scaffolds. <i>Frontiers in Chemistry</i> , 2020, 8, 87. | 3.6 | 5 |
| 111 | Synthetic hookworm-derived peptides are potent modulators of primary human immune cell function that protect against experimental colitis <i>in Vivo</i> . <i>Journal of Biological Chemistry</i> , 2021, 297, 100834. | 3.4 | 5 |
| 112 | Insights into the Interaction of LVV-Hemorphin-7 with Angiotensin II Type 1 Receptor. <i>International Journal of Molecular Sciences</i> , 2021, 22, 209. | 4.1 | 5 |
| 113 | Pursuing Orally Bioavailable Hecpidin Analogues via Cyclic N-Methylated Mini-Hecpidins. <i>Biomedicines</i> , 2021, 9, 164. | 3.2 | 4 |
| 114 | The Structural and Functional Diversity of Naturally Occurring Antimicrobial Peptides. <i>Anti-Infective Agents in Medicinal Chemistry</i> , 2002, 1, 319-341. | 0.9 | 4 |
| 115 | Development of Synthetic Human and Mouse C5a: Application to Binding and Functional Assays <i>in Vitro</i> and <i>in Vivo</i> . <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 1808-1817. | 4.9 | 4 |
| 116 | Structural Properties of Relaxin Chimeras. <i>Annals of the New York Academy of Sciences</i> , 2009, 1160, 27-30. | 3.8 | 3 |
| 117 | Chemical Synthesis and NMR Solution Structure of Conotoxin GXIA from <i>Conus geographus</i> . <i>Marine Drugs</i> , 2021, 19, 60. | 4.6 | 3 |
| 118 | The Chemistry and Biology of Human Relaxin-3. <i>Annals of the New York Academy of Sciences</i> , 2005, 1041, 40-46. | 3.8 | 2 |
| 119 | Effects of C-Terminal B-Chain Modifications in a Relaxin 3 Agonist Analogue. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 2336-2340. | 2.8 | 2 |
| 120 | Exploring the Use of Helicogenic Amino Acids for Optimising Single Chain Relaxin-3 Peptide Agonists. <i>Biomedicines</i> , 2020, 8, 415. | 3.2 | 2 |
| 121 | Posttranslational modifications of β -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 |
| 122 | Solution NMR and racemic crystallography provide insights into a novel structural class of cyclic plant peptides. <i>RSC Chemical Biology</i> , 2021, 2, 1682-1691. | 4.1 | 1 |
| 123 | A conserved β -bulge glycine residue facilitates folding and increases stability of the mouse defensin cryptidin. <i>Peptide Science</i> , 2022, 114, e24250. | 1.8 | 1 |
| 124 | Threaded Rings and Complex Topologies in Antimicrobial Peptides: Nature's Engineering Templates. , 2006, , 243-247. | | 0 |
| 125 | Structural Studies of Cyclotides. <i>Advances in Botanical Research</i> , 2015, 76, 155-186. | 1.1 | 0 |
| 126 | Structural Characterization of the PawL-Derived Peptide Family, an Ancient Subfamily of Orbitides. <i>Journal of Natural Products</i> , 2021, 84, 2914-2922. | 3.0 | 0 |