Norelle L Daly

List of Publications by Year
in descending order

206	13,011	16451 64	29157 104
papers	citations	h-index	g-index

213	213	213	7104
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Newly Discovered Peptides from the Coral Heliofungia actiniformis Show Structural and Functional Diversity. Journal of Natural Products, 2022, 85, 1789-1798.	3.0	2
2	Development of novel frogâ€skin peptide scaffolds with selectivity towards melanocortin receptor subtypes. Peptide Science, 2021, 113, e24209.	1.8	1
3	ampir: an R package for fast genome-wide prediction of antimicrobial peptides. Bioinformatics, 2021, 36, 5262-5263.	4.1	19
4	Synthesis, Structural and Pharmacological Characterizations of CIC, a Novel Î±-Conotoxin with an Extended N-Terminal Tail. Marine Drugs, 2021, 19, 141.	4.6	3
5	IgE and IgG4 epitopes revealed on the major fish allergen Lat c 1. Molecular Immunology, 2021, 131, 155-163.	2.2	10
6	A netrin domain-containing protein secreted by the human hookworm Necator americanus protects against CD4 T cell transfer colitis. Translational Research, 2021, 232, 88-102.	5.0	10
7	Plant derived cyclic peptides. Biochemical Society Transactions, 2021, 49, 1279-1285.	3.4	13
8	Voltage-Gated Sodium Channel Modulation by a New Spider Toxin Ssp1a Isolated From an Australian Theraphosid. Frontiers in Pharmacology, 2021, 12, 795455.	3.5	2
9	Backbone Cyclization Turns a Venom Peptide into a Stable and Equipotent Ligand at Both Muscle and Neuronal Nicotinic Receptors. Journal of Medicinal Chemistry, 2020, 63, 12682-12692.	6.4	13
10	Identification and Characterization of a Peptide from the Stony Coral Heliofungia actiniformis. Journal of Natural Products, 2020, 83, 3454-3463.	3.0	4
11	The NK cell granule protein NKG7 regulates cytotoxic granule exocytosis and inflammation. Nature Immunology, 2020, 21, 1205-1218.	14.5	110
12	Small Molecules in the Venom of the Scorpion Hormurus waigiensis. Biomedicines, 2020, 8, 259.	3.2	12
13	Folding of Truncated Granulin Peptides. Biomolecules, 2020, 10, 1152.	4.0	3
14	Synthesis, Pharmacological and Structural Characterization of Novel Conopressins from Conus miliaris. Marine Drugs, 2020, 18, 150.	4.6	10
15	Revisiting Inflammatory Bowel Disease: Pathology, Treatments, Challenges and Emerging Therapeutics Including Drug Leads from Natural Products. Journal of Clinical Medicine, 2020, 9, 1273.	2.4	83
16	Gastrointestinal Helminth Infection Improves Insulin Sensitivity, Decreases Systemic Inflammation, and Alters the Composition of Gut Microbiota in Distinct Mouse Models of Type 2 Diabetes. Frontiers in Endocrinology, 2020, 11, 606530.	3.5	17
17	Characterisation of a Novel A-Superfamily Conotoxin. Biomedicines, 2020, 8, 128.	3.2	9
18	Coral Venom Toxins. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	17

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19	Hookworm-Derived Metabolites Suppress Pathology in a Mouse Model of Colitis and Inhibit Secretion of Key Inflammatory Cytokines in Primary Human Leukocytes. Infection and Immunity, 2019, 87, .	2.2	24
20	Venom Costs and Optimization in Scorpions. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	38
21	A C-Terminal Fragment of Chlorotoxin Retains Bioactivity and Inhibits Cell Migration. Frontiers in Pharmacology, 2019, 10, 250.	3.5	12
22	Folding of granulin domains. Peptide Science, 2018, 110, e24062.	1.8	4
23	Development of Novel Melanocortin Receptor Agonists Based on the Cyclic Peptide Framework of Sunflower Trypsin Inhibitor-1. Journal of Medicinal Chemistry, 2018, 61, 3674-3684.	6.4	29
24	Nuclear Magnetic Resonance seq (NMRseq): A New Approach to Peptide Sequence Tags. Toxins, 2018, 10, 437.	3.4	7
25	Engineering of an Anti-Inflammatory Peptide Based on the Disulfide-Rich Linaclotide Scaffold. Biomedicines, 2018, 6, 97.	3.2	4
26	Structural Variants of a Liver Fluke Derived Granulin Peptide Potently Stimulate Wound Healing. Journal of Medicinal Chemistry, 2018, 61, 8746-8753.	6.4	17
27	Structural diversity of arthropod venom toxins. Toxicon, 2018, 152, 46-56.	1.6	19
28	Venomics: A Mini-Review. High-Throughput, 2018, 7, 19.	4.4	40
29	Structural Characterisation of Predicted Helical Regions in the Chironex fleckeri CfTX-1 Toxin. Marine Drugs, 2018, 16, 201.	4.6	5
30	Synthesis, Structure and Biological Activity of CIA and CIB, Two Î±-Conotoxins from the Predation-Evoked Venom of Conus catus. Toxins, 2018, 10, 222.	3.4	20
31	Structureâ€“activity relationship and conformational studies of the natural product cyclic depsipeptides YM-254890 and FR900359. European Journal of Medicinal Chemistry, 2018, 156, 847-860.	5.5	24
32	Approaches to Delineate Disulfide Connectivities in Pharmaceutical Peptides. , 2018, , 2021-2034.		0
33	Development of a Potent Wound Healing Agent Based on the Liver Fluke Granulin Structural Fold. Journal of Medicinal Chemistry, 2017, 60, 4258-4266.	6.4	31
34	An engineered cyclic peptide alleviates symptoms of inflammation in a murine model of inflammatory bowel disease. Journal of Biological Chemistry, 2017, 292, 10288-10294.	3.4	39
35	Structure and Biological Activity of a Turripeptide from Unedogemmula bisaya Venom. Biochemistry, 2017, 56, 6051-6060.	2.5	6
36	Conotoxin Î¦â€MiXXVIIA from the Superfamily G2 Employs a Novel Cysteine Framework that Mimics Granulin and Displays Antiâ€Apoptotic Activity. Angewandte Chemie, 2017, 129, 15169-15172.	2.0	3

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37	The Aromatic Head Group of Spider Toxin Polyamines Influences Toxicity to Cancer Cells. Toxins, 2017, 9, 346.	3.4	17
38	Conotoxin Î¦â€MiXXVIIA from the Superfamily G2 Employs a Novel Cysteine Framework that Mimics Granulin and Displays Antiâ€Apoptotic Activity. Angewandte Chemie - International Edition, 2017, 56, 14973-14976.	13.8	25
39	Approaches to Delineate Disulfide Connectivities in Pharmaceutical Peptides. , 2017, , 1-14.		0
40	Disulfide Bridges: Bringing Together Frustrated Structure in a Bioactive Peptide. Biophysical Journal, 2016, 110, 1744-1752.	0.5	27
41	The Nâ€terminal proâ€domain of the kalata B1 cyclotide precursor is intrinsically unstructured. Biopolymers, 2016, 106, 825-833.	2.4	8
42	Dual-targeting anti-angiogenic cyclic peptides as potential drug leads for cancer therapy. Scientific Reports, 2016, 6, 35347.	3.3	65
43	Cyclic thrombospondin-1 mimetics: grafting of a thrombospondin sequence into circular disulfide-rich frameworks to inhibit endothelial cell migration. Bioscience Reports, 2015, 35, .	2.4	41
44	Transforming conotoxins into cyclotides: Backbone cyclization of Pâ€superfamily conotoxins. Biopolymers, 2015, 104, 682-692.	2.4	13
45	A Defined Î±â€Helix in the Bifunctional Oâ€Glycosylated Natriuretic Peptide TcNPa from the Venom of Tropidechis carinatus. Angewandte Chemie - International Edition, 2015, 54, 4828-4831.	13.8	7
46	Structural Studies of Cyclotides. Advances in Botanical Research, 2015, 76, 155-186.	1.1	0
47	Efficient backbone cyclization of linear peptides by a recombinant asparaginyl endopeptidase. Nature Communications, 2015, 6, 10199.	12.8	186
48	In Vivo Efficacy of Anuran Trypsin Inhibitory Peptides against Staphylococcal Skin Infection and the Impact of Peptide Cyclization. Antimicrobial Agents and Chemotherapy, 2015, 59, 2113-2121.	3.2	14
49	Solution Structure, Aggregation Behavior, and Flexibility of Human Relaxin-2. ACS Chemical Biology, 2015, 10, 891-900.	3.4	27
50	Identifying the immunomodulatory components of helminths. Parasite Immunology, 2015, 37, 293-303.	1.5	56
51	Î±-conotoxin MrIC is a biased agonist at Î±7 nicotinic acetylcholine receptors. Biochemical Pharmacology, 2015, 94, 155-163.	4.4	16
52	Design of substrate-based BCR-ABL kinase inhibitors using the cyclotide scaffold. Scientific Reports, 2015, 5, 12974.	3.3	58
53	Carcinogenic Parasite Secretes Growth Factor That Accelerates Wound Healing and Potentially Promotes Neoplasia. PLoS Pathogens, 2015, 11, e1005209.	4.7	78
54	Holocyclotoxin-1, a cystine knot toxin from Ixodes holocyclus. Toxicon, 2014, 90, 308-317.	1.6	23

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55	Solution Structure, Membrane Interactions, and Protein Binding Partners of the Tetraspanin Sm-TSP-2, a Vaccine Antigen from the Human Blood Fluke Schistosoma mansoni. Journal of Biological Chemistry, 2014, 289, 7151-7163.	3.4	33
56	Exploring the therapeutic potential of jellyfish venom. Future Medicinal Chemistry, 2014, 6, 1715-1724.	2.3	14
57	Lipid core peptide targeting the cathepsin D hemoglobinase ofSchistosoma mansonias a component of a schistosomiasis vaccine. Human Vaccines and Immunotherapeutics, 2014, 10, 399-409.	3.3	23
58	Design and Synthesis of Truncated EGF-A Peptides that Restore LDL-R Recycling in the Presence of PCSK9 InÂVitro. Chemistry and Biology, 2014, 21, 284-294.	6.0	63
59	The C-terminal propeptide of a plant defensin confers cytoprotective and subcellular targeting functions. BMC Plant Biology, 2014, 14, 41.	3.6	50
60	Effects of arginine 10 to lysine substitution on Ï‰â€conotoxin <scp>CVIE</scp> and <scp>CVIF</scp> block of <scp>Ca_v</scp>2.2 channels. British Journal of Pharmacology, 2014, 171, 3313-3327.	5.4	6
61	A Tarantula-Venom Peptide Antagonizes the TRPA1 Nociceptor Ion Channel by Binding to the S1â€“S4 Gating Domain. Current Biology, 2014, 24, 473-483.	3.9	56
62	Characterizing circular peptides in mixtures: sequence fragment assembly of cyclotides from a violet plant by MALDI-TOF/TOF mass spectrometry. Amino Acids, 2013, 44, 581-595.	2.7	47
63	Oxytocic plant cyclotides as templates for peptide G protein-coupled receptor ligand design. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 21183-21188.	7.1	129
64	High-affinity Cyclic Peptide Matriptase Inhibitors. Journal of Biological Chemistry, 2013, 288, 13885-13896.	3.4	122
65	Vicinal Disulfide Constrained Cyclic Peptidomimetics: a Turn Mimetic Scaffold Targeting the Norepinephrine Transporter. Angewandte Chemie - International Edition, 2013, 52, 12020-12023.	13.8	32
66	The Cyclic Cystine Ladder in Î¸-Defensins Is Important for Structure and Stability, but Not Antibacterial Activity. Journal of Biological Chemistry, 2013, 288, 10830-10840.	3.4	67
67	Isolation and characterization of Î±-conotoxin LsIA with potent activity at nicotinic acetylcholine receptors. Biochemical Pharmacology, 2013, 86, 791-799.	4.4	51
68	Anthelminthic activity of the cyclotides (kalata B1 and B2) against schistosome parasites. Biopolymers, 2013, 100, 461-470.	2.4	26
69	Cyclization of the Antimicrobial Peptide Gomesin with Native Chemical Ligation: Influences on Stability and Bioactivity. ChemBioChem, 2013, 14, 617-624.	2.6	62
70	A new family of cystine knot peptides from the seeds of Momordica cochinchinensis. Peptides, 2013, 39, 29-35.	2.4	20
71	Correction to Chemical Re-engineering of Chlorotoxin Improves Bioconjugation Properties for Tumor Imaging and Targeted Therapy. Journal of Medicinal Chemistry, 2013, 56, 9807-9807.	6.4	1
72	The selfâ€association of the cyclotide kalata B2 in solution is guided by hydrophobic interactions. Biopolymers, 2013, 100, 453-460.	2.4	19

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73	Structural Insights into the Role of the Cyclic Backbone in a Squash Trypsin Inhibitor. Journal of Biological Chemistry, 2013, 288, 36141-36148.	3.4	38
74	Vicinal Disulfide Constrained Cyclic Peptidomimetics: a Turn Mimetic Scaffold Targeting the Norepinephrine Transporter. Angewandte Chemie, 2013, 125, 12242-12245.	2.0	9
75	Novel Inhibitor Cystine Knot Peptides from Momordica charantia. PLoS ONE, 2013, 8, e75334.	2.5	16
76	Isolation of an Orally Active Insecticidal Toxin from the Venom of an Australian Tarantula. PLoS ONE, 2013, 8, e73136.	2.5	55
77	Design, Synthesis, Structural and Functional Characterization of Novel Melanocortin Agonists Based on the Cyclotide Kalata B1. Journal of Biological Chemistry, 2012, 287, 40493-40501.	3.4	88
78	The Î±-defensin salt-bridge induces backbone stability to facilitate folding and confer proteolytic resistance. Amino Acids, 2012, 43, 1471-1483.	2.7	29
79	Quantification of small cyclic disulfideâ€rich peptides. Biopolymers, 2012, 98, 518-524.	2.4	20
80	Phosphatidylethanolamine Binding Is a Conserved Feature of Cyclotide-Membrane Interactions. Journal of Biological Chemistry, 2012, 287, 33629-33643.	3.4	115
81	Gly6 of kalata B1 is critical for the selective binding to phosphatidylethanolamine membranes. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 2354-2361.	2.6	16
82	Cyclic Peptides Arising by Evolutionary Parallelism via Asparaginyl-Endopeptidaseâ€“Mediated Biosynthesis. Plant Cell, 2012, 24, 2765-2778.	6.6	129
83	RegIIA: An Î±4/7-conotoxin from the venom of Conus regius that potently blocks Î±3Î²4 nAChRs. Biochemical Pharmacology, 2012, 83, 419-426.	4.4	49
84	Cyclization of conotoxins to improve their biopharmaceutical properties. Toxicon, 2012, 59, 446-455.	1.6	68
85	Discovery of Cyclotides in the Fabaceae Plant Family Provides New Insights into the Cyclization, Evolution, and Distribution of Circular Proteins. ACS Chemical Biology, 2011, 6, 345-355.	3.4	151
86	Î±-Conotoxin ImI Incorporating Stable Cystathionine Bridges Maintains Full Potency and Identical Three-Dimensional Structure. Journal of the American Chemical Society, 2011, 133, 15866-15869.	13.7	81
87	Stabilization of Î±-Conotoxin AuIB: Influences of Disulfide Connectivity and Backbone Cyclization. Antioxidants and Redox Signaling, 2011, 14, 87-95.	5.4	43
88	Engineering pro-angiogenic peptides using stable, disulfide-rich cyclic scaffolds. Blood, 2011, 118, 6709-6717.	1.4	197
89	Cyclotides: a patent review. Expert Opinion on Therapeutic Patents, 2011, 21, 1657-1672.	5.0	24
90	Isolation and characterization of cytotoxic cyclotides from Viola philippica. Peptides, 2011, 32, 1719-1723.	2.4	59

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91	Chemical Re-engineering of Chlorotoxin Improves Bioconjugation Properties for Tumor Imaging and Targeted Therapy. Journal of Medicinal Chemistry, 2011, 54, 782-787.	6.4	91
92	Effects of Cyclization on Stability, Structure, and Activity of Î±-Conotoxin RgIA at the Î±9Î±10 Nicotinic Acetylcholine Receptor and GABABReceptor. Journal of Medicinal Chemistry, 2011, 54, 6984-6992.	6.4	59
93	Analysis of Cyclotides in Viola ignobilis by Nano Liquid Chromatography Fourier Transform Mass Spectrometry. Protein and Peptide Letters, 2011, 18, 747-752.	0.9	12
94	Albumins and their processing machinery are hijacked for cyclic peptides in sunflower. Nature Chemical Biology, 2011, 7, 257-259.	8.0	141
95	Structure of catalytic domain of Matriptase in complex with Sunflower trypsin inhibitor-1. BMC Structural Biology, 2011, 11, 30.	2.3	51
96	NMR and protein structure in drug design: application to cyclotides and conotoxins. European Biophysics Journal, 2011, 40, 359-370.	2.2	30
97	Total Synthesis of the Analgesic Conotoxin MrVIB through Selenocysteineâ€Assisted Folding. Angewandte Chemie - International Edition, 2011, 50, 6527-6529.	13.8	88
98	A Synthetic Mirror Image of Kalata B1 Reveals that Cyclotide Activity Is Independent of a Protein Receptor. ChemBioChem, 2011, 12, 2456-2462.	2.6	49
99	Bioactive cystine knot proteins. Current Opinion in Chemical Biology, 2011, 15, 362-368.	6.1	142
100	Engineering of Conotoxins for the Treatment of Pain. Current Pharmaceutical Design, 2011, 17, 4242-4253.	1.9	47
101	Discovery of an unusual biosynthetic origin for circular proteins in legumes. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10127-10132.	7.1	143
102	Identification and Characterization of a New Family of Cell-penetrating Peptides. Journal of Biological Chemistry, 2011, 286, 36932-36943.	3.4	159
103	Decoding the Membrane Activity of the Cyclotide Kalata B1. Journal of Biological Chemistry, 2011, 286, 24231-24241.	3.4	155
104	Structure and Activity of Î±-Conotoxin PeIA at Nicotinic Acetylcholine Receptor Subtypes and GABAB Receptor-coupled N-type Calcium Channels. Journal of Biological Chemistry, 2011, 286, 10233-10237.	3.4	43
105	Cystine Knot Folding in Cyclotides. , 2011, , 43-61.		5
106	Structure and Activity of the Leaf-Specific Cyclotide vhl-2. Australian Journal of Chemistry, 2010, 63, 771.	0.9	14
107	Cyclotides: macrocyclic peptides with applications in drug design and agriculture. Cellular and Molecular Life Sciences, 2010, 67, 9-16.	5.4	75
108	Isolation and Characterization of Bioactive Cyclotides from Viola labridorica. Helvetica Chimica Acta, 2010, 93, 2287-2295.	1.6	24

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109	Chemical Synthesis and Structure of the Prokineticin Bv8. ChemBioChem, 2010, 11, 1882-1888.	2.6	22
110	Structural and biochemical characteristics of the cyclotide kalata B5 from Oldenlandia affinis. Biopolymers, 2010, 94, 647-658.	2.4	24
111	Atypical Î±-Conotoxin LtIA from Conus litteratus Targets a Novel Microsite of the Î±3Î²2 Nicotinic Receptor. Journal of Biological Chemistry, 2010, 285, 12355-12366.	3.4	49
112	Isolation, Sequencing, and Structureâ^'Activity Relationships of Cyclotides. Journal of Natural Products, 2010, 73, 1610-1622.	3.0	64
113	Solving the Î±-Conotoxin Folding Problem: Efficient Selenium-Directed On-Resin Generation of More Potent and Stable Nicotinic Acetylcholine Receptor Antagonists. Journal of the American Chemical Society, 2010, 132, 3514-3522.	13.7	124
114	Isolation and characterization of cytotoxic cyclotides from Viola tricolor. Peptides, 2010, 31, 1434-1440.	2.4	65
115	Inhibition of Neuronal Nicotinic Acetylcholine Receptor Subtypes by Î±-Conotoxin GID and Analogues*. Journal of Biological Chemistry, 2009, 284, 4944-4951.	3.4	38
116	The Biological Activity of the Prototypic Cyclotide Kalata B1 Is Modulated by the Formation of Multimeric Pores. Journal of Biological Chemistry, 2009, 284, 20699-20707.	3.4	144
117	Dissecting the Oxidative Folding of Circular Cystine Knot Miniproteins. Antioxidants and Redox Signaling, 2009, 11, 971-980.	5.4	55
118	Structural studies of conotoxins. IUBMB Life, 2009, 61, 144-150.	3.4	46
119	Structural Properties of Relaxin Chimeras. Annals of the New York Academy of Sciences, 2009, 1160, 27-30.	3.8	3
120	Structural Insights into the Function of Relaxins. Annals of the New York Academy of Sciences, 2009, 1160, 20-26.	3.8	8
121	Discovery, structure and biological activities of cyclotidesâ˜†. Advanced Drug Delivery Reviews, 2009, 61, 918-930.	13.7	176
122	Isolation and Characterization of Peptides from Momordica cochinchinensis Seeds. Journal of Natural Products, 2009, 72, 1453-1458.	3.0	42
123	Beta-arrestin 2 is required for complement C1q expression in macrophages and constrains factor-independent survival. Molecular Immunology, 2009, 47, 340-347.	2.2	19
124	NMR of Peptide Toxins. Annual Reports on NMR Spectroscopy, 2009, , 89-147.	1.5	7
125	Design and therapeutic applications of cyclotides. Future Medicinal Chemistry, 2009, 1, 1613-1622.	2.3	18
126	Structure of human insulin-like peptide 5 and characterization of conserved hydrogen bonds and electrostatic interactions within the relaxin framework. Biochemical Journal, 2009, 419, 619-627.	3.7	47

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127	The discovery and development of a natural combinatorial peptide template: the cyclotides. Advances in Experimental Medicine and Biology, 2009, 611, 477-478.	1.6	4
128	Retrocyclin-2: a potent anti-HIV Î¸-defensin that forms a cyclic cystine ladder structural motif. Advances in Experimental Medicine and Biology, 2009, 611, 577-578.	1.6	4
129	The threeâ€dimensional structure of the analgesic Î±â€conotoxin, RgIA. FEBS Letters, 2008, 582, 597-602.	2.8	31
130	The Structure of a Two-Disulfide Intermediate Assists in Elucidating the Oxidative Folding Pathway of a Cyclic Cystine Knot Protein. Structure, 2008, 16, 842-851.	3.3	38
131	Molecular Engineering of Conotoxins: The Importance of Loop Size to Î±-Conotoxin Structure and Function. Journal of Medicinal Chemistry, 2008, 51, 5575-5584.	6.4	30
132	Engineering Stabilized Vascular Endothelial Growth Factor-A Antagonists: Synthesis, Structural Characterization, and Bioactivity of Grafted Analogues of Cyclotides. Journal of Medicinal Chemistry, 2008, 51, 7697-7704.	6.4	177
133	Tyrosine-rich Conopeptides Affect Voltage-gated K+ Channels. Journal of Biological Chemistry, 2008, 283, 23026-23032.	3.4	27
134	Alanine Scanning Mutagenesis of the Prototypic Cyclotide Reveals a Cluster of Residues Essential for Bioactivity. Journal of Biological Chemistry, 2008, 283, 9805-9813.	3.4	153
135	Structure of the R3/I5 Chimeric Relaxin Peptide, a Selective GPCR135 and GPCR142 Agonist. Journal of Biological Chemistry, 2008, 283, 23811-23818.	3.4	42
136	Conopressin-T from Conus tulipa Reveals an Antagonist Switch in Vasopressin-like Peptides. Journal of Biological Chemistry, 2008, 283, 7100-7108.	3.4	76
137	The A-chain of Human Relaxin Family Peptides Has Distinct Roles in the Binding and Activation of the Different Relaxin Family Peptide Receptors. Journal of Biological Chemistry, 2008, 283, 17287-17297.	3.4	85
138	The cyclic cystine knot miniprotein MCoTI-II is internalized into cells by macropinocytosis. International Journal of Biochemistry and Cell Biology, 2007, 39, 2252-2264.	2.8	96
139	NMR as a tool for elucidating the structures of circular and knotted proteins. Molecular BioSystems, 2007, 3, 257.	2.9	44
140	Potential therapeutic applications of the cyclotides and related cystine knot mini-proteins. Expert Opinion on Investigational Drugs, 2007, 16, 595-604.	4.1	83
141	Retrocyclin-2:â€‰ Structural Analysis of a Potent Anti-HIV Î¸-Defensin[,]. Biochemistry, 2007, 46, 9920-9928.	2.5	43
142	The Cyclotide Fingerprint inOldenlandia affinis: Elucidation of Chemically Modified, Linear and Novel Macrocyclic Peptides. ChemBioChem, 2007, 8, 1001-1011.	2.6	108
143	Structure of Î±-conotoxin BuIA: influences of disulfide connectivity on structural dynamics. BMC Structural Biology, 2007, 7, 28.	2.3	46
144	The chemistry and biology of cyclotides. Current Opinion in Drug Discovery & Development, 2007, 10, 176-84.	1.9	21

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145	A Novel Conotoxin Inhibitor of Kv1.6 Channel and nAChR Subtypes Defines a New Superfamily of Conotoxins,. Biochemistry, 2006, 45, 8331-8340.	2.5	81
146	Chemical synthesis and structure elucidation of bovine Î²-casein (1â€“44). Biochemical and Biophysical Research Communications, 2006, 340, 1098-1103.	2.1	9
147	Discovery and Characterization of a Linear Cyclotide from Viola odorata: Implications for the Processing of Circular Proteins. Journal of Molecular Biology, 2006, 357, 1522-1535.	4.2	106
148	Cyclic MrIA:Â A Stable and Potent Cyclic Conotoxin with a Novel Topological Fold that Targets the Norepinephrine Transporter. Journal of Medicinal Chemistry, 2006, 49, 6561-6568.	6.4	96
149	Backbone Cyclization Improves the Enzymatic Stability of Ï‡-Conotoxin, MrIA, whilst Maintaining its Structure and NET-Modulating Activity. , 2006, , 641-642.		0
150	Structural plasticity of the cyclic-cystine-knot framework: implications for biological activity and drug design. Biochemical Journal, 2006, 394, 85-93.	3.7	162
151	Kalata B8, a novel antiviral circular protein, exhibits conformational flexibility in the cystine knot motif. Biochemical Journal, 2006, 393, 619-626.	3.7	107
152	Chemical synthesis and biosynthesis of the cyclotide family of circular proteins. IUBMB Life, 2006, 58, 515-524.	3.4	75
153	The cyclotide family of circular miniproteins: Nature's combinatorial peptide template. Biopolymers, 2006, 84, 250-266.	2.4	142
154	NMR of conotoxins: structural features and an analysis of chemical shifts of post-translationally modified amino acids. Magnetic Resonance in Chemistry, 2006, 44, S41-S50.	1.9	44
155	Structural and Functional Characterization of the Conserved Salt Bridge in Mammalian Paneth Cell Î±-Defensins. Journal of Biological Chemistry, 2006, 281, 28068-28078.	3.4	40
156	Î±-Selenoconotoxins, a New Class of Potent Î±7 Neuronal Nicotinic Receptor Antagonists. Journal of Biological Chemistry, 2006, 281, 14136-14143.	3.4	171
157	Solution Structure and Novel Insights into the Determinants of the Receptor Specificity of Human Relaxin-3. Journal of Biological Chemistry, 2006, 281, 5845-5851.	3.4	93
158	Knots in Rings. Journal of Biological Chemistry, 2006, 281, 8224-8232.	3.4	45
159	The Absolute Structural Requirement for a Proline in the P3â€²-position of Bowman-Birk Protease Inhibitors Is Surmounted in the Minimized SFTI-1 Scaffold. Journal of Biological Chemistry, 2006, 281, 23668-23675.	3.4	66
160	Solution Structure and Characterization of the LGR8 Receptor Binding Surface of Insulin-like Peptide 3. Journal of Biological Chemistry, 2006, 281, 28287-28295.	3.4	73
161	Î¸-Defensins Prevent HIV-1 Env-mediated Fusion by Binding gp41 and Blocking 6-Helix Bundle Formation. Journal of Biological Chemistry, 2006, 281, 18787-18792.	3.4	125
162	The cyclotides and related macrocyclic peptides as scaffolds in drug design. Current Opinion in Drug Discovery & Development, 2006, 9, 251-60.	1.9	62

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163	Solution structure of Ï‡-conopeptide MrIA, a modulator of the human norepinephrine transporter. Biopolymers, 2005, 80, 815-823.	2.4	39
164	Structure of Circulin B and Implications for Antimicrobial Activity of the Cyclotides. International Journal of Peptide Research and Therapeutics, 2005, 11, 99-106.	1.9	30
165	Isolation and Characterization of Novel Cyclotides from Viola hederaceae. Journal of Biological Chemistry, 2005, 280, 22395-22405.	3.4	117
166	Engineering stable peptide toxins by means of backbone cyclization: Stabilization of the Â-conotoxin MII. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13767-13772.	7.1	220
167	Isolation, Solution Structure, and Insecticidal Activity of Kalata B2, a Circular Protein with a Twist:Â Do MÃ¶bius Strips Exist in Nature?â€‚â€¡. Biochemistry, 2005, 44, 851-860.	2.5	225
168	Oxidative Folding of the Cystine Knot Motif in Cyclotide Proteins. Protein and Peptide Letters, 2005, 12, 147-152.	0.9	18
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