

# Norelle L Daly

## List of Publications by Citations

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205  
papers

11,020  
citations

60  
h-index

98  
g-index

213  
ext. papers

11,975  
ext. citations

5.3  
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6.07  
L-index

#	Paper	IF	Citations
205	Plant cyclotides: A unique family of cyclic and knotted proteins that defines the cyclic cystine knot structural motif. <i>Journal of Molecular Biology</i> , <b>1999</b> , 294, 1327-36	6.5	631
204	The cystine knot motif in toxins and implications for drug design. <i>Toxicon</i> , <b>2001</b> , 39, 43-60	2.8	398
203	Twists, knots, and rings in proteins. Structural definition of the cyclotide framework. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 8606-16	5.4	254
202	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> , <b>2003</b> , 125, 12464-74	16.4	217
201	Chemical synthesis and folding pathways of large cyclic polypeptides: studies of the cystine knot polypeptide kalata B1. <i>Biochemistry</i> , <b>1999</b> , 38, 10606-14	3.2	202
200	Engineering stable peptide toxins by means of backbone cyclization: stabilization of the alpha-conotoxin MII. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 13767-72	11.5	200
199	Isolation, solution structure, and insecticidal activity of kalata B2, a circular protein with a twist: do MBius strips exist in nature?. <i>Biochemistry</i> , <b>2005</b> , 44, 851-60	3.2	199
198	Circular proteins in plants: solution structure of a novel macrocyclic trypsin inhibitor from <i>Momordica cochinchinensis</i> . <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 22875-82	5.4	185
197	Engineering pro-angiogenic peptides using stable, disulfide-rich cyclic scaffolds. <i>Blood</i> , <b>2011</b> , 118, 6709-17	17	169
196	Three-dimensional structure of a cysteine-rich repeat from the low-density lipoprotein receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1995</b> , 92, 6334-8	11.5	165
195	Discovery, structure and biological activities of the cyclotides. <i>Current Protein and Peptide Science</i> , <b>2004</b> , 5, 297-315	2.8	156
194	Alpha-selenoconotoxins, a new class of potent alpha7 neuronal nicotinic receptor antagonists. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 14136-43	5.4	155
193	Engineering stabilized vascular endothelial growth factor-A antagonists: synthesis, structural characterization, and bioactivity of grafted analogues of cyclotides. <i>Journal of Medicinal Chemistry</i> , <b>2008</b> , 51, 7697-704	8.3	152
192	Structural plasticity of the cyclic-cystine-knot framework: implications for biological activity and drug design. <i>Biochemical Journal</i> , <b>2006</b> , 394, 85-93	3.8	147
191	Efficient backbone cyclization of linear peptides by a recombinant asparaginyl endopeptidase. <i>Nature Communications</i> , <b>2015</b> , 6, 10199	17.4	143
190	Discovery, structure and biological activities of cyclotides. <i>Advanced Drug Delivery Reviews</i> , <b>2009</b> , 61, 918-30	18.5	135
189	Identification and characterization of a new family of cell-penetrating peptides: cyclic cell-penetrating peptides. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 36932-43	5.4	135

188	Alanine scanning mutagenesis of the prototypic cyclotide reveals a cluster of residues essential for bioactivity. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 9805-13	5.4	133
187	Discovery of cyclotides in the fabaceae plant family provides new insights into the cyclization, evolution, and distribution of circular proteins. <i>ACS Chemical Biology</i> , <b>2011</b> , 6, 345-55	4.9	130
186	The cyclotide family of circular miniproteins: nature's combinatorial peptide template. <i>Biopolymers</i> , <b>2006</b> , 84, 250-66	2.2	129
185	Bioactive cystine knot proteins. <i>Current Opinion in Chemical Biology</i> , <b>2011</b> , 15, 362-8	9.7	128
184	The biological activity of the prototypic cyclotide kalata b1 is modulated by the formation of multimeric pores. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 20699-707	5.4	128
183	Decoding the membrane activity of the cyclotide kalata B1: the importance of phosphatidylethanolamine phospholipids and lipid organization on hemolytic and anti-HIV activities. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 24231-41	5.4	122
182	Albumins and their processing machinery are hijacked for cyclic peptides in sunflower. <i>Nature Chemical Biology</i> , <b>2011</b> , 7, 257-9	11.7	118
181	Discovery of an unusual biosynthetic origin for circular proteins in legumes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 10127-32	11.5	116
180	Solving the alpha-conotoxin folding problem: efficient selenium-directed on-resin generation of more potent and stable nicotinic acetylcholine receptor antagonists. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 3514-22	16.4	114
179	High-affinity cyclic peptide matriptase inhibitors. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 13885-96	5.4	110
178	Isolation, structure, and activity of GID, a novel alpha 4/7-conotoxin with an extended N-terminal sequence. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 3137-44	5.4	110
177	Theta-defensins prevent HIV-1 Env-mediated fusion by binding gp41 and blocking 6-helix bundle formation. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 18787-92	5.4	109
176	Conserved structural and sequence elements implicated in the processing of gene-encoded circular proteins. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 46858-67	5.4	107
175	Cyclic peptides arising by evolutionary parallelism via asparaginyl-endopeptidase-mediated biosynthesis. <i>Plant Cell</i> , <b>2012</b> , 24, 2765-78	11.6	106
174	Oxytocic plant cyclotides as templates for peptide G protein-coupled receptor ligand design. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 21183-8	11.5	105
173	Disulfide folding pathways of cystine knot proteins. Tying the knot within the circular backbone of the cyclotides. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 6314-22	5.4	103
172	Linearization of a naturally occurring circular protein maintains structure but eliminates hemolytic activity. <i>Biochemistry</i> , <b>2003</b> , 42, 6688-95	3.2	102
171	Solution structure by NMR of circulin A: a macrocyclic knotted peptide having anti-HIV activity. <i>Journal of Molecular Biology</i> , <b>1999</b> , 285, 333-45	6.5	102

170	Isolation and characterization of novel cyclotides from <i>Viola hederaceae</i> : solution structure and anti-HIV activity of vhl-1, a leaf-specific expressed cyclotide. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 22395-405	5.4	101
169	The cyclotide fingerprint in <i>oldenlandia affinis</i> : elucidation of chemically modified, linear and novel macrocyclic peptides. <i>ChemBioChem</i> , <b>2007</b> , 8, 1001-11	3.8	96
168	Discovery and characterization of a linear cyclotide from <i>Viola odorata</i> : implications for the processing of circular proteins. <i>Journal of Molecular Biology</i> , <b>2006</b> , 357, 1522-35	6.5	95
167	Phosphatidylethanolamine binding is a conserved feature of cyclotide-membrane interactions. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 33629-43	5.4	94
166	Kalata B8, a novel antiviral circular protein, exhibits conformational flexibility in the cystine knot motif. <i>Biochemical Journal</i> , <b>2006</b> , 393, 619-26	3.8	92
165	The role of the cyclic peptide backbone in the anti-HIV activity of the cyclotide kalata B1. <i>FEBS Letters</i> , <b>2004</b> , 574, 69-72	3.8	91
164	Three-dimensional structure of the second cysteine-rich repeat from the human low-density lipoprotein receptor. <i>Biochemistry</i> , <b>1995</b> , 34, 14474-81	3.2	91
163	Cyclic MrIA: a stable and potent cyclic conotoxin with a novel topological fold that targets the norepinephrine transporter. <i>Journal of Medicinal Chemistry</i> , <b>2006</b> , 49, 6561-8	8.3	90
162	The cyclic cystine knot miniprotein MCoTI-II is internalized into cells by macropinocytosis. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2007</b> , 39, 2252-64	5.6	89
161	Acyclic permutants of naturally occurring cyclic proteins. Characterization of cystine knot and beta-sheet formation in the macrocyclic polypeptide kalata B1. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 19068-75	5.4	88
160	Conotoxin Iml incorporating stable cystathionine bridges maintains full potency and identical three-dimensional structure. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 15866-9	16.4	79
159	Total synthesis of the analgesic conotoxin MrVIB through selenocysteine-assisted folding. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 6527-9	16.4	79
158	Solution structure and novel insights into the determinants of the receptor specificity of human relaxin-3. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 5845-51	5.4	79
157	Design, synthesis, structural and functional characterization of novel melanocortin agonists based on the cyclotide kalata B1. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 40493-501	5.4	78
156	Potential therapeutic applications of the cyclotides and related cystine knot mini-proteins. <i>Expert Opinion on Investigational Drugs</i> , <b>2007</b> , 16, 595-604	5.9	77
155	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> , <b>2008</b> , 283, 17287-97	5.4	76
154	A novel conotoxin inhibitor of Kv1.6 channel and nAChR subtypes defines a new superfamily of conotoxins. <i>Biochemistry</i> , <b>2006</b> , 45, 8331-40	3.2	76
153	Chemical re-engineering of chlorotoxin improves bioconjugation properties for tumor imaging and targeted therapy. <i>Journal of Medicinal Chemistry</i> , <b>2011</b> , 54, 782-7	8.3	75

152	Structures of muO-conotoxins from <i>Conus marmoreus</i> . Inhibitors of tetrodotoxin (TTX)-sensitive and TTX-resistant sodium channels in mammalian sensory neurons. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 25774-82	5.4	72
151	Cyclotides: macrocyclic peptides with applications in drug design and agriculture. <i>Cellular and Molecular Life Sciences</i> , <b>2010</b> , 67, 9-16	10.3	68
150	Role of phosphorylation in the conformation of tau peptides implicated in Alzheimer's disease. <i>Biochemistry</i> , <b>2000</b> , 39, 9039-46	3.2	68
149	Conopressin-T from <i>Conus tulipa</i> reveals an antagonist switch in vasopressin-like peptides. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 7100-8	5.4	66
148	Chemical synthesis and biosynthesis of the cyclotide family of circular proteins. <i>IUBMB Life</i> , <b>2006</b> , 58, 515-24	4.7	63
147	Carcinogenic Parasite Secretes Growth Factor That Accelerates Wound Healing and Potentially Promotes Neoplasia. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1005209	7.6	62
146	Solution structure and characterization of the LGR8 receptor binding surface of insulin-like peptide 3. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 28287-95	5.4	61
145	The cyclotides and related macrocyclic peptides as scaffolds in drug design. <i>Current Opinion in Drug Discovery &amp; Development</i> , <b>2006</b> , 9, 251-60		59
144	The cyclic cystine ladder in defensins is important for structure and stability, but not antibacterial activity. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 10830-40	5.4	58
143	Cyclization of conotoxins to improve their biopharmaceutical properties. <i>Toxicon</i> , <b>2012</b> , 59, 446-55	2.8	56
142	Structure-activity relationships of alpha-conotoxins targeting neuronal nicotinic acetylcholine receptors. <i>FEBS Journal</i> , <b>2004</b> , 271, 2320-6		56
141	Isolation, sequencing, and structure-activity relationships of cyclotides. <i>Journal of Natural Products</i> , <b>2010</b> , 73, 1610-22	4.9	55
140	Solution structure of alpha-conotoxin Iml by 1H nuclear magnetic resonance. <i>Journal of Medicinal Chemistry</i> , <b>1999</b> , 42, 2364-72	8.3	55
139	Disulfide bridges of a cysteine-rich repeat of the LDL receptor ligand-binding domain. <i>Biochemistry</i> , <b>1995</b> , 34, 13059-65	3.2	55
138	Dual-targeting anti-angiogenic cyclic peptides as potential drug leads for cancer therapy. <i>Scientific Reports</i> , <b>2016</b> , 6, 35347	4.9	53
137	The absolute structural requirement for a proline in the P3 position of Bowman-Birk protease inhibitors is surmounted in the minimized SFTI-1 scaffold. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 23668-75	5.4	53
136	Structures of naturally occurring circular proteins from bacteria. <i>Journal of Bacteriology</i> , <b>2003</b> , 185, 4011-21	3.2	53
135	The cyclotides: novel macrocyclic peptides as scaffolds in drug design. <i>Current Opinion in Drug Discovery &amp; Development</i> , <b>2002</b> , 5, 251-60		52

134	A comparison of the self-association behavior of the plant cyclotides kalata B1 and kalata B2 via analytical ultracentrifugation. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 562-70	5.4	51
133	Design of substrate-based BCR-ABL kinase inhibitors using the cyclotide scaffold. <i>Scientific Reports</i> , <b>2015</b> , 5, 12974	4.9	50
132	A tarantula-venom peptide antagonizes the TRPA1 nociceptor ion channel by binding to the S1-S4 gating domain. <i>Current Biology</i> , <b>2014</b> , 24, 473-83	6.3	50
131	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> , <b>2014</b> , 21, 284-94		49
130	Effects of cyclization on stability, structure, and activity of $\beta$ -conotoxin Rg1A at the $\alpha$ 3 $\beta$ 2 nicotinic acetylcholine receptor and GABA(B) receptor. <i>Journal of Medicinal Chemistry</i> , <b>2011</b> , 54, 6984-92	8.3	49
129	Isolation and characterization of cytotoxic cyclotides from <i>Viola philippica</i> . <i>Peptides</i> , <b>2011</b> , 32, 1719-23	3.8	48
128	Isolation and characterization of cytotoxic cyclotides from <i>Viola tricolor</i> . <i>Peptides</i> , <b>2010</b> , 31, 1434-40	3.8	48
127	Cyclization of the antimicrobial peptide gomesin with native chemical ligation: influences on stability and bioactivity. <i>ChemBioChem</i> , <b>2013</b> , 14, 617-24	3.8	47
126	Atypical alpha-conotoxin Lt1A from <i>Conus litteratus</i> targets a novel microsite of the alpha3beta2 nicotinic receptor. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 12355-66	5.4	46
125	Identifying the immunomodulatory components of helminths. <i>Parasite Immunology</i> , <b>2015</b> , 37, 293-303	2.2	44
124	Structure of catalytic domain of Matriptase in complex with Sunflower trypsin inhibitor-1. <i>BMC Structural Biology</i> , <b>2011</b> , 11, 30	2.7	44
123	Dissecting the oxidative folding of circular cystine knot miniproteins. <i>Antioxidants and Redox Signaling</i> , <b>2009</b> , 11, 971-80	8.4	44
122	Structural studies of conotoxins. <i>IUBMB Life</i> , <b>2009</b> , 61, 144-50	4.7	44
121	Isolation of an orally active insecticidal toxin from the venom of an Australian tarantula. <i>PLoS ONE</i> , <b>2013</b> , 8, e73136	3.7	44
120	Isolation and characterization of $\beta$ -conotoxin Ls1A with potent activity at nicotinic acetylcholine receptors. <i>Biochemical Pharmacology</i> , <b>2013</b> , 86, 791-9	6	42
119	Retrocyclin-2: structural analysis of a potent anti-HIV theta-defensin. <i>Biochemistry</i> , <b>2007</b> , 46, 9920-8	3.2	41
118	NMR of conotoxins: structural features and an analysis of chemical shifts of post-translationally modified amino acids. <i>Magnetic Resonance in Chemistry</i> , <b>2006</b> , 44 Spec No, S41-50	2.1	41
117	Knots in rings. The circular knotted protein <i>Momordica cochinchinensis</i> trypsin inhibitor-II folds via a stable two-disulfide intermediate. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 8224-32	5.4	41

116	NMR as a tool for elucidating the structures of circular and knotted proteins. <i>Molecular BioSystems</i> , <b>2007</b> , 3, 257-65		41
115	RegIIA: an $\alpha$ /7-conotoxin from the venom of <i>Conus regius</i> that potently blocks $\beta\beta$ nAChRs. <i>Biochemical Pharmacology</i> , <b>2012</b> , 83, 419-26	6	40
114	A Synthetic mirror image of kalata B1 reveals that cyclotide activity is independent of a protein receptor. <i>ChemBioChem</i> , <b>2011</b> , 12, 2456-62	3.8	40
113	Engineering of conotoxins for the treatment of pain. <i>Current Pharmaceutical Design</i> , <b>2011</b> , 17, 4242-53	3.3	39
112	Solution structure of chi-conopeptide MrlA, a modulator of the human norepinephrine transporter. <i>Biopolymers</i> , <b>2005</b> , 80, 815-23	2.2	38
111	Isolation and characterization of peptides from <i>Momordica cochinchinensis</i> seeds. <i>Journal of Natural Products</i> , <b>2009</b> , 72, 1453-8	4.9	37
110	Structure of human insulin-like peptide 5 and characterization of conserved hydrogen bonds and electrostatic interactions within the relaxin framework. <i>Biochemical Journal</i> , <b>2009</b> , 419, 619-27	3.8	37
109	Structure of the R3/I5 chimeric relaxin peptide, a selective GPCR135 and GPCR142 agonist. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 23811-8	5.4	37
108	Revisiting Inflammatory Bowel Disease: Pathology, Treatments, Challenges and Emerging Therapeutics Including Drug Leads from Natural Products. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	36
107	Characterizing circular peptides in mixtures: sequence fragment assembly of cyclotides from a violet plant by MALDI-TOF/TOF mass spectrometry. <i>Amino Acids</i> , <b>2013</b> , 44, 581-95	3.5	36
106	Structural and functional characterization of the conserved salt bridge in mammalian paneth cell alpha-defensins: solution structures of mouse CRYPTDIN-4 and (E15D)-CRYPTDIN-4. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 28068-78	5.4	36
105	Solution structure of the cyclotide palicourein: implications for the development of a pharmaceutical framework. <i>Structure</i> , <b>2004</b> , 12, 85-94	5.2	36
104	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> , <b>2002</b> , 41, 3294-301	3.2	36
103	The C-terminal propeptide of a plant defensin confers cytoprotective and subcellular targeting functions. <i>BMC Plant Biology</i> , <b>2014</b> , 14, 41	5.3	35
102	Structure of alpha-conotoxin BuIA: influences of disulfide connectivity on structural dynamics. <i>BMC Structural Biology</i> , <b>2007</b> , 7, 28	2.7	35
101	Structural insights into the role of the cyclic backbone in a squash trypsin inhibitor. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 36141-8	5.4	34
100	Stabilization of $\beta$ -conotoxin AuIB: influences of disulfide connectivity and backbone cyclization. <i>Antioxidants and Redox Signaling</i> , <b>2011</b> , 14, 87-95	8.4	34
99	Inhibition of neuronal nicotinic acetylcholine receptor subtypes by alpha-Conotoxin GID and analogues. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 4944-51	5.4	34

98	The structure of a two-disulfide intermediate assists in elucidating the oxidative folding pathway of a cyclic cystine knot protein. <i>Structure</i> , <b>2008</b> , 16, 842-51	5.2	34
97	Structure and activity of alpha-conotoxin PeIA at nicotinic acetylcholine receptor subtypes and GABA(B) receptor-coupled N-type calcium channels. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 10233-7	5.4	33
96	Cyclic thrombospondin-1 mimetics: grafting of a thrombospondin sequence into circular disulfide-rich frameworks to inhibit endothelial cell migration. <i>Bioscience Reports</i> , <b>2015</b> , 35,	4.1	32
95	Vicinal disulfide constrained cyclic peptidomimetics: a turn mimetic scaffold targeting the norepinephrine transporter. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 12020-3	16.4	30
94	An engineered cyclic peptide alleviates symptoms of inflammation in a murine model of inflammatory bowel disease. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 10288-10294	5.4	28
93	NMR and protein structure in drug design: application to cyclotides and conotoxins. <i>European Biophysics Journal</i> , <b>2011</b> , 40, 359-70	1.9	28
92	The three-dimensional structure of the analgesic alpha-conotoxin, RgIA. <i>FEBS Letters</i> , <b>2008</b> , 582, 597-603	3.8	28
91	Molecular engineering of conotoxins: the importance of loop size to alpha-conotoxin structure and function. <i>Journal of Medicinal Chemistry</i> , <b>2008</b> , 51, 5575-84	8.3	28
90	Structure and metal binding studies of the second copper binding domain of the Menkes ATPase. <i>Journal of Structural Biology</i> , <b>2003</b> , 143, 209-18	3.4	27
89	Structure of Circulin B and Implications for Antimicrobial Activity of the Cyclotides. <i>International Journal of Peptide Research and Therapeutics</i> , <b>2005</b> , 11, 99-106	2.1	27
88	Venomics: A Mini-Review. <i>High-Throughput</i> , <b>2018</b> , 7,	4.3	26
87	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> , <b>2014</b> , 289, 7151-7163	5.4	25
86	Capped acyclic permutants of the circular protein kalata B1. <i>FEBS Letters</i> , <b>2004</b> , 577, 399-402	3.8	24
85	The NK cell granule protein NKG7 regulates cytotoxic granule exocytosis and inflammation. <i>Nature Immunology</i> , <b>2020</b> , 21, 1205-1218	19.1	24
84	The Edefensin salt-bridge induces backbone stability to facilitate folding and confer proteolytic resistance. <i>Amino Acids</i> , <b>2012</b> , 43, 1471-83	3.5	23
83	Differences in the average single molecule activities of <i>E. coli</i> beta-galactosidase: effect of source, enzyme molecule age and temperature of induction. <i>The Protein Journal</i> , <b>2003</b> , 22, 555-61		23
82	Cyclotides: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , <b>2011</b> , 21, 1657-72	6.8	22
81	Structural and biochemical characteristics of the cyclotide kalata B5 from <i>Oldenlandia affinis</i> . <i>Biopolymers</i> , <b>2010</b> , 94, 647-58	2.2	22



80	Venom Costs and Optimization in Scorpions. <i>Frontiers in Ecology and Evolution</i> , <b>2019</b> , 7,	3.7	21
79	The chemistry and biology of cyclotides. <i>Current Opinion in Drug Discovery &amp; Development</i> , <b>2007</b> , 10, 176-84		21
78	Development of a Potent Wound Healing Agent Based on the Liver Fluke Granulin Structural Fold. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 4258-4266	8.3	20
77	Holocyclotoxin-1, a cystine knot toxin from <i>Ixodes holocyclus</i> . <i>Toxicon</i> , <b>2014</b> , 90, 308-17	2.8	20
76	Lipid core peptide targeting the cathepsin D hemoglobinase of <i>Schistosoma mansoni</i> as a component of a schistosomiasis vaccine. <i>Human Vaccines and Immunotherapeutics</i> , <b>2014</b> , 10, 399-409	4.4	20
75	Disulfide Bridges: Bringing Together Frustrated Structure in a Bioactive Peptide. <i>Biophysical Journal</i> , <b>2016</b> , 110, 1744-1752	2.9	20
74	Hookworm-Derived Metabolites Suppress Pathology in a Mouse Model of Colitis and Inhibit Secretion of Key Inflammatory Cytokines in Primary Human Leukocytes. <i>Infection and Immunity</i> , <b>2019</b> , 87,	3.7	19
73	Anthelmintic activity of the cyclotides (kalata B1 and B2) against schistosome parasites. <i>Biopolymers</i> , <b>2013</b> , 100, 461-70	2.2	19
72	Quantification of small cyclic disulfide-rich peptides. <i>Biopolymers</i> , <b>2012</b> , 98, 518-24	2.2	19
71	A new family of cystine knot peptides from the seeds of <i>Momordica cochinchinensis</i> . <i>Peptides</i> , <b>2013</b> , 39, 29-35	3.8	19
70	Tyrosine-rich conopeptides affect voltage-gated K <sup>+</sup> channels. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 23026-32	5.4	19
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68	Solution structure, aggregation behavior, and flexibility of human relaxin-2. <i>ACS Chemical Biology</i> , <b>2015</b> , 10, 891-900	4.9	18
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