Aaron G Poth

List of Publications by Year
in descending order

28	1,415	394421	477307
papers	citations	19 h-index	29 g-index

30	30	30	1335
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neurotoxic peptides from the venom of the giant Australian stinging tree. Science Advances, 2020, 6, .	10.3	16
2	A bifunctional asparaginyl endopeptidase efficiently catalyzes both cleavage and cyclization of cyclic trypsin inhibitors. Nature Communications, 2020, 11, 1575.	12.8	61
3	Insecticidal diversity of butterfly pea (Clitoria ternatea) accessions. Industrial Crops and Products, 2020, 147, 112214.	5.2	15
4	Isolation and Characterization of Antimicrobial Peptides with Unusual Disulfide Connectivity from the Colonial Ascidian Synoicum turgens. Marine Drugs, 2020, 18, 51.	4.6	29
5	Evaluation of Cyclic Peptide Inhibitors of the Grb7 Breast Cancer Target: Small Change in Cargo Results in Large Change in Cellular Activity. Molecules, 2019, 24, 3739.	3.8	7
6	Discovery and Characterization of Cyclic and Acyclic Trypsin Inhibitors fromMomordica dioica. Journal of Natural Products, 2019, 82, 293-300.	3.0	14
7	Pharmacokinetic characterization of kalata B1 and related therapeutics built on the cyclotide scaffold. International Journal of Pharmaceutics, 2019, 565, 437-446.	5.2	12
8	Rapid and Scalable Plant-Based Production of a Potent Plasmin Inhibitor Peptide. Frontiers in Plant Science, 2019, 10, 602.	3.6	24
9	Discovery and Characterization of Cyclotides from Rinorea Species. Journal of Natural Products, 2018, 81, 2512-2520.	3.0	14
10	Understanding the Diversity and Distribution of Cyclotides from Plants of Varied Genetic Origin. Journal of Natural Products, 2017, 80, 1522-1530.	3.0	25
11	Gene coevolution and regulation lock cyclic plant defence peptides to their targets. New Phytologist, 2016, 210, 717-730.	7.3	58
12	Isolation and Characterization of Cyclotides from BrazilianPsychotria: Significance in Plant Defense and Co-occurrence with Antioxidant Alkaloids. Journal of Natural Products, 2016, 79, 3006-3013.	3.0	12
13	Discovery, isolation, and structural characterization of cyclotides from Viola sumatrana Miq. Biopolymers, 2016, 106, 796-805.	2.4	17
14	Conlinin in flaxseed (Linum usitatissimum L.) gum and its contribution to emulsification properties. Food Hydrocolloids, 2016, 52, 963-971.	10.7	42
15	Efficient backbone cyclization of linear peptides by a recombinant asparaginyl endopeptidase. Nature Communications, 2015, 6, 10199.	12.8	186
16	Glycine-Containing Flaxseed Orbitides. Journal of Natural Products, 2015, 78, 681-688.	3.0	20
17	The Prototypic Cyclotide Kalata B1 Has a Unique Mechanism of Entering Cells. Chemistry and Biology, 2015, 22, 1087-1097.	6.0	71
18	Lysine-rich Cyclotides: A New Subclass of Circular Knotted Proteins from Violaceae. ACS Chemical Biology, 2015, 10, 2491-2500.	3.4	34

#	Article	IF	Citations
19	The Evolution ofMomordicaCyclic Peptides. Molecular Biology and Evolution, 2015, 32, 392-405.	8.9	26
20	The role of disulfide bonds in structure and activity of chlorotoxin. Future Medicinal Chemistry, 2014, 6, 1617-1628.	2.3	26
21	A comparative study of extraction methods reveals preferred solvents for cystine knot peptide isolation from Momordica cochinchinensis seeds. FÃ¬toterapÃ¬Ã¢, 2014, 95, 22-33.	2.2	26
22	Cyclotides as grafting frameworks for protein engineering and drug design applications. Biopolymers, 2013, 100, 480-491.	2.4	113
23	Cyclotides Associate with Leaf Vasculature and Are the Products of a Novel Precursor in Petunia (Solanaceae). Journal of Biological Chemistry, 2012, 287, 27033-27046.	3.4	126
24	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
25	Cycloquest: Identification of Cyclopeptides via Database Search of Their Mass Spectra against Genome Databases. Journal of Proteome Research, 2011, 10, 4505-4512.	3.7	38
26	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
27	A new â€œeraâ€•for cyclotide sequencing. Biopolymers, 2010, 94, 592-601.	2.4	45
28	Analysis of the Human Casein Phosphoproteome by 2-D Electrophoresis and MALDI-TOF/TOF MS Reveals New Phosphoforms. Journal of Proteome Research, 2008, 7, 5017-5027.	3.7	62