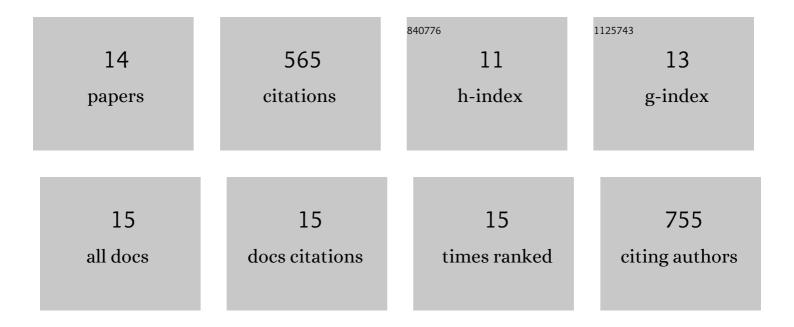
Gene Hopping

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	AChBP-targeted α-conotoxin correlates distinct binding orientations with nAChR subtype selectivity. EMBO Journal, 2007, 26, 3858-3867.	7.8	159
2	Total Synthesis of the Analgesic Conotoxin MrVIB through Selenocysteineâ€Assisted Folding. Angewandte Chemie - International Edition, 2011, 50, 6527-6529.	13.8	88
3	Designed α-sheet peptides inhibit amyloid formation by targeting toxic oligomers. ELife, 2014, 3, e01681.	6.0	67
4	α-Conotoxins PnIA and [A10L]PnIA Stabilize Different States of the α7-L247T Nicotinic Acetylcholine Receptor. Journal of Biological Chemistry, 2003, 278, 26908-26914.	3.4	56
5	Peptides Composed of Alternating L- and D-Amino Acids Inhibit Amyloidogenesis in Three Distinct Amyloid Systems Independent of Sequence. Journal of Molecular Biology, 2016, 428, 2317-2328.	4.2	50
6	Nature versus design: the conformational propensities of d-amino acids and the importance of side chain chirality. Protein Engineering, Design and Selection, 2014, 27, 447-455.	2.1	31
7	A potent peptide-steroid conjugate accumulates in cartilage and reverses arthritis without evidence of systemic corticosteroid exposure. Science Translational Medicine, 2020, 12, .	12.4	27
8	Designed Trpzip-3 β-Hairpin Inhibits Amyloid Formation in Two Different Amyloid Systems. ACS Medicinal Chemistry Letters, 2013, 4, 824-828.	2.8	24
9	Hydrophobic residues at position 10 of α-conotoxin PnIA influence subtype selectivity between α7 and α3β2 neuronal nicotinic acetylcholine receptors. Biochemical Pharmacology, 2014, 91, 534-542.	4.4	20
10	A TfR-Binding Cystine-Dense Peptide Promotes Blood–Brain Barrier Penetration of Bioactive Molecules. Journal of Molecular Biology, 2020, 432, 3989-4009.	4.2	20
11	Marine Toxins as Sources of Drug Leads. Australian Journal of Chemistry, 2003, 56, 769.	0.9	13
12	Rapid Access to ω-Conotoxin Chimeras using Native Chemical Ligation. Australian Journal of Chemistry, 2009, 62, 1333.	0.9	6
13	Benzhydrylamine linker grafting: a strategy for the improved synthesis of <i>C</i> â€ŧerminal peptide amides. Journal of Peptide Science, 2010, 16, 551-557.	1.4	4
14	Pacifastin-derived Peptides Target Tumors for Use in In Vivo Imaging. Anticancer Research, 2018, 38, 51-60.	1.1	0