

Gene Hopping

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1633361/publications.pdf>

Version: 2024-02-01

14
papers

565
citations

840776

11
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

755
citing authors

#	ARTICLE	IF	CITATIONS
1	AChBP-targeted $\hat{\pm}$ -conotoxin correlates distinct binding orientations with nAChR subtype selectivity. <i>EMBO Journal</i> , 2007, 26, 3858-3867.	7.8	159
2	Total Synthesis of the Analgesic Conotoxin MrVIB through Selenocysteine-Assisted Folding. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6527-6529.	13.8	88
3	Designed $\hat{\pm}$ -sheet peptides inhibit amyloid formation by targeting toxic oligomers. <i>ELife</i> , 2014, 3, e01681.	6.0	67
4	$\hat{\pm}$ -Conotoxins PnIA and [A10L]PnIA Stabilize Different States of the $\hat{\pm}$ 7-L247T Nicotinic Acetylcholine Receptor. <i>Journal of Biological Chemistry</i> , 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. <i>Journal of Molecular Biology</i> , 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. <i>Protein Engineering, Design and Selection</i> , 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. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	27
8	Designed Trpzip-3 $\hat{\pm}$ 2-Hairpin Inhibits Amyloid Formation in Two Different Amyloid Systems. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 824-828.	2.8	24
9	Hydrophobic residues at position 10 of $\hat{\pm}$ -conotoxin PnIA influence subtype selectivity between $\hat{\pm}$ 7 and $\hat{\pm}$ 3 $\hat{\pm}$ 2 neuronal nicotinic acetylcholine receptors. <i>Biochemical Pharmacology</i> , 2014, 91, 534-542.	4.4	20
10	A TfR-Binding Cystine-Dense Peptide Promotes Blood-Brain Barrier Penetration of Bioactive Molecules. <i>Journal of Molecular Biology</i> , 2020, 432, 3989-4009.	4.2	20
11	Marine Toxins as Sources of Drug Leads. <i>Australian Journal of Chemistry</i> , 2003, 56, 769.	0.9	13
12	Rapid Access to $\hat{\pm}$ -Conotoxin Chimeras using Native Chemical Ligation. <i>Australian Journal of Chemistry</i> , 2009, 62, 1333.	0.9	6
13	Benzhydramine linker grafting: a strategy for the improved synthesis of C-terminal peptide amides. <i>Journal of Peptide Science</i> , 2010, 16, 551-557.	1.4	4
14	Pacifastin-derived Peptides Target Tumors for Use in In Vivo Imaging. <i>Anticancer Research</i> , 2018, 38, 51-60.	1.1	0