CÃ©line Landon

List of Publications by Year
in descending order

18 papers	500 citations	759233 12 h-index	888059 17 g-index
18 all docs	18 docs citations	18 times ranked	580 citing authors

#	Article	IF	Citations
1	Solution structure of drosomycin, the first inducible antifungal protein from insects. Protein Science, 1997, 6, 1878-1884.	7.6	143
2	Solution Structures of the Antifungal Heliomicin and a Selected Variant with both Antibacterial and Antifungal Activitiesâ€‚â€¡. Biochemistry, 2001, 40, 11995-12003.	2.5	71
3	Primary Structure and Antibacterial Activity of Chicken Bone Marrow-Derived Î²-Defensins. Antimicrobial Agents and Chemotherapy, 2009, 53, 4647-4655.	3.2	46
4	Solution Structure of Spheniscin, a Î²-Defensin from the Penguin Stomach. Journal of Biological Chemistry, 2004, 279, 30433-30439.	3.4	37
5	Lead optimization of antifungal peptides with 3D NMR structures analysis. Protein Science, 2004, 13, 703-713.	7.6	37
6	Initial Insights into Structure-Activity Relationships of Avian Defensins. Journal of Biological Chemistry, 2012, 287, 7746-7755.	3.4	27
7	Three-dimensional NMR Structure of Hen Egg Gallin (Chicken Ovodefensin) Reveals a New Variation of the Î²-Defensin Fold. Journal of Biological Chemistry, 2014, 289, 7211-7220.	3.4	23
8	In vivo spatiotemporal control of voltage-gated ion channels by using photoactivatable peptidic toxins. Nature Communications, 2022, 13, 417.	12.8	22
9	Structure, function, and evolution of Gga -AvBD11, the archetype of the structural avian-double-Î²-defensin family. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 337-345.	7.1	18
10	The Nuclear Magnetic Resonance Solution Structure of the Synthetic AhPDF1.1b Plant Defensin Evidences the Structural Feature within the Î³-Motif. Biochemistry, 2014, 53, 7745-7754.	2.5	17
11	Metabolomic Nuclear Magnetic Resonance Studies at Presymptomatic and Symptomatic Stages of Huntingtonâ€™s Disease on a Drosophila Model. Journal of Proteome Research, 2020, 19, 4034-4045.	3.7	15
12	Impact of an Antifungal Insect Defensin on the Proteome of the Phytopathogenic FungusBotrytis cinerea. Journal of Proteome Research, 2020, 19, 1131-1146.	3.7	15
13	A Venomics Approach Coupled to High-Throughput Toxin Production Strategies Identifies the First Venom-Derived Melanocortin Receptor Agonists. Journal of Medicinal Chemistry, 2020, 63, 8250-8264.	6.4	13
14	Synthesis by native chemical ligation and characterization of the scorpion toxin AmmTx3. Bioorganic and Medicinal Chemistry, 2019, 27, 247-253.	3.0	9
15	Complementary Nuclear Magnetic Resonance-Based Metabolomics Approaches for Glioma Biomarker Identification in a Drosophila melanogaster Model. Journal of Proteome Research, 2021, 20, 3977-3991.	3.7	4
16	The Two Domains of the Avian Double-Î²-Defensin AvBD11 Have Different Ancestors, Common with Potential Monodomain Crocodile and Turtle Defensins. Biology, 2022, 11, 690.	2.8	2
17	Real-Time Fluorescence Microscopy on Living E. coli Sheds New Light on the Antibacterial Effects of the King Penguin Î²-Defensin AvBD103b. International Journal of Molecular Sciences, 2022, 23, 2057.	4.1	1
18	The Addressing Fragment of Mitogaligin: First Insights into Functional and Structural Properties. ChemBioChem, 2013, 14, 711-720.	2.6	0