

List of Publications by Year in descending order

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