Marlon Henrique Cardoso

List of Publications by Year
in descending order

59 papers	1,842 citations	304602 22 h-index	289141 40 g-index
62 all docs	62 docs citations	62 times ranked	2728 citing authors

#	Article	IF	Citations
1	Recent Advances in Anti-virulence Therapeutic Strategies With a Focus on Dismantling Bacterial Membrane Microdomains, Toxin Neutralization, Quorum-Sensing Interference and Biofilm Inhibition. Frontiers in Cellular and Infection Microbiology, 2019, 9, 74.	1.8	198
2	Synthetic antibiofilm peptides. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 1061-1069.	1.4	173
3	Computer-Aided Design of Antimicrobial Peptides: Are We Generating Effective Drug Candidates?. Frontiers in Microbiology, 2019, 10, 3097.	1.5	128
4	Structure-function-guided exploration of the antimicrobial peptide polybia-CP identifies activity determinants and generates synthetic therapeutic candidates. Communications Biology, 2018, 1, 221.	2.0	111
5	The use of versatile plant antimicrobial peptides in agribusiness and human health. Peptides, 2014, 55, 65-78.	1.2	106
6	Non-Lytic Antibacterial Peptides That Translocate Through Bacterial Membranes to Act on Intracellular Targets. International Journal of Molecular Sciences, 2019, 20, 4877.	1.8	68
7	Effects of Antibiotic Treatment on Gut Microbiota and How to Overcome Its Negative Impacts on Human Health. ACS Infectious Diseases, 2020, 6, 2544-2559.	1.8	57
8	Snake venoms: attractive antimicrobial proteinaceous compounds for therapeutic purposes. Cellular and Molecular Life Sciences, 2013, 70, 4645-4658.	2.4	56
9	Review: Potential biotechnological assets related to plant immunity modulation applicable in engineering disease-resistant crops. Plant Science, 2018, 270, 72-84.	1.7	52
10	Bioactive Peptides Against Fungal Biofilms. Frontiers in Microbiology, 2019, 10, 2169.	1.5	50
11	A polyalanine peptide derived from polar fish with anti-infectious activities. Scientific Reports, 2016, 6, 21385.	1.6	46
12	Designing metallodrugs with nuclease and protease activity. Metallomics, 2016, 8, 1159-1169.	1.0	45
13	Antimicrobial Peptides and Cell-Penetrating Peptides for Treating Intracellular Bacterial Infections. Frontiers in Cellular and Infection Microbiology, 2020, 10, 612931.	1.8	45
14	Marine Organisms as a Rich Source of Biologically Active Peptides. Frontiers in Marine Science, 2021, 8, .	1.2	40
15	Snake Venom Cathelicidins as Natural Antimicrobial Peptides. Frontiers in Pharmacology, 2019, 10, 1415.	1.6	39
16	Selective antibacterial activity of the cationic peptide PaDBS1R6 against Gram-negative bacteria. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 1375-1387.	1.4	38
17	Short Cationic Peptide Derived from Archaea with Dual Antibacterial Properties and Anti-Infective Potential. ACS Infectious Diseases, 2019, 5, 1081-1086.	1.8	37
18	Structural and functional evaluation of the palindromic alanine-rich antimicrobial peptide Pa -MAP2. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 1488-1498.	1.4	35

#	Article	IF	Citations
19	Antimicrobial and Antibiofilm Activities of Helical Antimicrobial Peptide Sequences Incorporating Metal-Binding Motifs. Biochemistry, 2019, 58, 3802-3812.	1.2	32
20	A Computationally Designed Peptide Derived from Escherichia coli as a Potential Drug Template for Antibacterial and Antibiofilm Therapies. ACS Infectious Diseases, 2018, 4, 1727-1736.	1.8	30
21	The rescue of botanical insecticides: A bioinspiration for new niches and needs. Pesticide Biochemistry and Physiology, 2017, 143, 14-25.	1.6	26
22	Advances on chemically modified antimicrobial peptides for generating peptide antibiotics. Chemical Communications, 2021, 57, 11578-11590.	2.2	25
23	Venom gland transcriptome analyses of two freshwater stingrays (Myliobatiformes:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 582	1.6	24
24	Understanding, preventing and eradicating Klebsiella pneumoniae biofilms. Future Microbiology, 2016, 11, 527-538.	1.0	24
25	Pharmaceutical applications of cyclotides. Drug Discovery Today, 2019, 24, 2152-2161.	3.2	24
26	Antibiofilm Peptides: Relevant Preclinical Animal Infection Models and Translational Potential. ACS Pharmacology and Translational Science, 2021, 4, 55-73.	2.5	23
27	The Structure/Function Relationship in Antimicrobial Peptides: What Can we Obtain From Structural Data?. Advances in Protein Chemistry and Structural Biology, 2018, 112, 359-384.	1.0	22
28	Effects of proteinase inhibitor from Adenanthera pavonina seeds on short- and long term larval development of Aedes aegypti. Biochimie, 2015, 112, 172-186.	1.3	21
29	Synthesis and cytotoxic characteristics displayed by a series of Ag(<scp>i</scp>)-, Au(<scp>i</scp>)- and Au(<scp>iii</scp>)-complexes supported by a common N-heterocyclic carbene. New Journal of Chemistry, 2018, 42, 13948-13956.	1.4	20
30	Computer-Aided Design of Mastoparan-like Peptides Enables the Generation of Nontoxic Variants with Extended Antibacterial Properties. Journal of Medicinal Chemistry, 2019, 62, 8140-8151.	2.9	19
31	Shedding Some Light over the Floral Metabolism by Arum Lily (Zantedeschia aethiopica) Spathe De Novo Transcriptome Assembly. PLoS ONE, 2014, 9, e90487.	1.1	16
32	Comparative NanoUPLC-MSE analysis between magainin I-susceptible and -resistant Escherichia coli strains. Scientific Reports, 2017, 7, 4197.	1.6	14
33	Peptides containing d -amino acids and retro-inverso peptides. , 2018, , 131-155.		14
34	Bacterial cross-resistance to anti-infective compounds. Is it a real problem?. Current Opinion in Pharmacology, 2019, 48, 76-81.	1.7	14
35	Physicochemical-guided design of cathelicidin-derived peptides generates membrane active variants with therapeutic potential. Scientific Reports, 2020, 10, 9127.	1.6	14
36	Neuropeptide receptors as potential pharmacological targets for obesity. , 2019, 196, 59-78.		13

#	Article	IF	Citations
37	Echinocandins as Biotechnological Tools for Treating Candida auris Infections. Journal of Fungi (Basel, Switzerland), 2020, 6, 185.	1.5	12
38	Dissecting the relationship between antimicrobial peptides and mesenchymal stem cells. , 2022, 233, 108021.		12
39	Silkworm pupae as a future food with nutritional and medicinal benefits. Current Opinion in Food Science, 2022, 44, 100818.	4.1	11
40	An acidic model pro-peptide affects the secondary structure, membrane interactions and antimicrobial activity of a crotalicidin fragment. Scientific Reports, 2018, 8, 11127.	1.6	10
41	Adepamycin: design, synthesis and biological properties of a new peptide with antimicrobial properties. Archives of Biochemistry and Biophysics, 2020, 691, 108487.	1.4	10
42	Differential interactions of the antimicrobial peptide, RQ18, with phospholipids and cholesterol modulate its selectivity for microorganism membranes. Biochimica Et Biophysica Acta - General Subjects, 2021, 1865, 129937.	1.1	10
43	Adevonin, a novel synthetic antimicrobial peptide designed from the Adenanthera pavonina trypsin inhibitor (ApTI) sequence. Pathogens and Global Health, 2018, 112, 438-447.	1.0	9
44	Antisense peptide nucleic acid inhibits the growth of KPC-producing Klebsiella pneumoniae strain. Research in Microbiology, 2021, 172, 103837.	1.0	9
45	Insights into the Antimicrobial Activities of Unusual Antimicrobial Peptide Families from Amphibian Skin. , 2014, 04, .		7
46	A short peptide with selective anti-biofilm activity against Pseudomonas aeruginosa and Klebsiella pneumoniae carbapenemase-producing bacteria. Microbial Pathogenesis, 2019, 135, 103605.	1.3	7
47	Comparative transcriptome analyses of magainin I-susceptible and -resistant Escherichia coli strains. Microbiology (United Kingdom), 2018, 164, 1383-1393.	0.7	7
48	Development of Peptides that Inhibit Aminoglycoside-Modifying Enzymes and Î²-Lactamases for Control of Resistant Bacteria. Current Protein and Peptide Science, 2020, 21, 1011-1026.	0.7	7
49	Development of a novel anti-biofilm peptide derived from profilin of Spodoptera frugiperda. Biofouling, 2020, 36, 516-527.	0.8	6
50	Identification, molecular characterization, and structural analysis of the blaNDM-1 gene/enzyme from NDM-1-producing Klebsiella pneumoniae isolates. Journal of Antibiotics, 2019, 72, 155-163.	1.0	5
51	Synthetic peptides bioinspired in temporinâ€PTa with antibacterial and antibiofilm activity. Chemical Biology and Drug Design, 2022, , .	1.5	5
52	Dual Insecticidal Effects of Adenanthera pavonina Kunitz-Type Inhibitor on Plodia interpunctella is Mediated by Digestive Enzymes Inhibition and Chitin-Binding Properties. Molecules, 2019, 24, 4344.	1.7	4
53	Pyridine and pyrimidine functionalized half-sandwich Ru(II)-N heterocyclic carbene complexes: Synthesis, structures, spectra, electrochemistry and biological studies. Journal of Molecular Structure, 2021, 1231, 129822.	1.8	4
54	Pyridine and pyrimidine functionalized half-sandwich Ru(II)-N heterocyclic carbene complexes: Synthesis, structures, spectra, electrochemistry and biological studies. Journal of Molecular Structure, 2021, 1245, 130939.	1.8	4

#	Article	IF	Citations
55	Effects of a Reserve Protein on Spodoptera frugiperda Development: A Biochemical and Molecular Approach to the Entomotoxic Mechanism. Molecules, 2020, 25, 2195.	1.7	2
56	Screening for cysteine-stabilized scaffolds for developing proteolytic-resistant AMPs. Methods in Enzymology, 2022, 663, 67-98.	0.4	1
57	Draft Genome Sequence of Streptomyces sp. Strain PSAA01, Isolated from the Soil of Eastern Himalayan Foothills. Microbiology Resource Announcements, 0, , .	0.3	1
58	Pa-MAP 1.5 and 1.9: Mechanisms of Action of two Antimicrobial Peptides. Biophysical Journal, 2016, 110, 78a.	0.2	0
59	Proteinaceous Plant Toxins with Antimicrobial and Antitumor Activities. Toxinology, 2017, , 401-414.	0.2	0