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List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,195
citations

516561

16
h-index

610775

24
g-index

30
all docs

30
docs citations

30
times ranked

2098
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. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 74.	1.8	198
2	In silico optimization of a guava antimicrobial peptide enables combinatorial exploration for peptide design. <i>Nature Communications</i> , 2018, 9, 1490.	5.8	179
3	New frontiers for anti-biofilm drug development. , 2016, 160, 133-144.		110
4	An anti-infective synthetic peptide with dual antimicrobial and immunomodulatory activities. <i>Scientific Reports</i> , 2016, 6, 35465.	1.6	105
5	Antibiofilm Peptides Increase the Susceptibility of Carbapenemase-Producing <i>Klebsiella pneumoniae</i> Clinical Isolates to β -Lactam Antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 3906-3912.	1.4	97
6	Bacterial resistance mechanism: what proteomics can elucidate. <i>FASEB Journal</i> , 2013, 27, 1291-1303.	0.2	69
7	Selective amino acid substitution reduces cytotoxicity of the antimicrobial peptide mastoparan. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 2699-2708.	1.4	63
8	Joker: An algorithm to insert patterns into sequences for designing antimicrobial peptides. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 2043-2052.	1.1	53
9	A polyalanine peptide derived from polar fish with anti-infectious activities. <i>Scientific Reports</i> , 2016, 6, 21385.	1.6	46
10	Short Cationic Peptide Derived from Archaea with Dual Antibacterial Properties and Anti-Infective Potential. <i>ACS Infectious Diseases</i> , 2019, 5, 1081-1086.	1.8	37
11	Fast and potent bactericidal membrane lytic activity of PaDBS1R1, a novel cationic antimicrobial peptide. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 178-190.	1.4	32
12	Understanding, preventing and eradicating <i>Klebsiella pneumoniae</i> biofilms. <i>Future Microbiology</i> , 2016, 11, 527-538.	1.0	24
13	Structural Studies of a Lipid-Binding Peptide from Tunicate Hemocytes with Anti-Biofilm Activity. <i>Scientific Reports</i> , 2016, 6, 27128.	1.6	24
14	Identification of a <i>Passiflora alata</i> Curtis dimeric peptide showing identity with 2S albumins. <i>Peptides</i> , 2011, 32, 868-874.	1.2	23
15	An Immunomodulatory Peptide Confers Protection in an Experimental Candidemia Murine Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	22
16	Host-defense peptides and their potential use as biomarkers in human diseases. <i>Drug Discovery Today</i> , 2018, 23, 1666-1671.	3.2	21
17	Computer-Aided Design of Mastoparan-like Peptides Enables the Generation of Nontoxic Variants with Extended Antibacterial Properties. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 8140-8151.	2.9	19
18	EcDBS1R6: A novel cationic antimicrobial peptide derived from a signal peptide sequence. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129633.	1.1	12

#	ARTICLE	IF	CITATIONS
19	Sense the moment: A highly sensitive antimicrobial activity predictor based on hydrophobic moment. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2022, 1866, 130070.	1.1	11
20	From the environment to the hospital: How plants can help to fight bacteria biofilm. <i>Microbiological Research</i> , 2022, 261, 127074.	2.5	10
21	Adevonin, a novel synthetic antimicrobial peptide designed from the <i>Adenanthera pavonina</i> trypsin inhibitor (ApTI) sequence. <i>Pathogens and Global Health</i> , 2018, 112, 438-447.	1.0	9
22	Antibiotic combinations for controlling colistin-resistant <i>Enterobacter cloacae</i> . <i>Journal of Antibiotics</i> , 2017, 70, 122-129.	1.0	8
23	A short peptide with selective anti-biofilm activity against <i>Pseudomonas aeruginosa</i> and <i>Klebsiella pneumoniae</i> carbapenemase-producing bacteria. <i>Microbial Pathogenesis</i> , 2019, 135, 103605.	1.3	7
24	Plant Antifungal Peptides. , 2013, , 169-179.		6
25	Antibacterial activity and synergism of the essential oil of <i>Nectandra megapotamica</i> (L.) flowers against OXA-23-producing <i>Acinetobacter baumannii</i> . <i>Journal of Essential Oil Research</i> , 2020, 32, 260-268.	1.3	4
26	Antimicrobial residues in animal products may induce <i>Salmonella</i> spp. resistance in humans. <i>Future Medicinal Chemistry</i> , 2018, 10, 2501-2506.	1.1	1