

CITATION REPORT

List of articles citing

A novel, rationally designed, hybrid antimicrobial peptide, inspired by cathelicidin and aurein, exhibits membrane-active mechanisms against *Pseudomonas aeruginosa*

DOI: 10.1038/s41598-020-65688-5
Scientific Reports, 2020, 10, 9117.

Source: <https://exaly.com/paper-pdf/76821708/citation-report.pdf>

Version: 2024-04-24

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
49	The Microbiome Is a Source of New Antimicrobial Peptides. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
48	Newly designed antimicrobial peptides with potent bioactivity and enhanced cell selectivity prevent and reverse rifampin resistance in Gram-negative bacteria. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 158, 105665	5.1	8
47	A Stutter in the Coiled-Coil Domain of Co-chaperone GrpE Connects Structure with Function. <i>Biochemistry</i> , 2021 , 60, 1356-1367	3.2	0
46	Effects of N-terminal modifications on the stability of antimicrobial peptide SAMP-A4 analogues against protease degradation. <i>Journal of Peptide Science</i> , 2021 , 27, e3352	2.1	1
45	Switching Bond: Generation of New Antimicrobial Peptides via the Incorporation of an Intramolecular Isopeptide Bond. <i>ACS Infectious Diseases</i> , 2021 , 7, 1702-1712	5.5	2
44	A Bifunctional Peptide Conjugate That Controls Infections of in Pear Plants. <i>Molecules</i> , 2021 , 26,	4.8	2
43	Antimicrobial Peptide Modifications against Clinically Isolated Antibiotic-Resistant. <i>Molecules</i> , 2021 , 26,	4.8	0
42	Evaluation the Therapeutic Index of Recombinant Antimicrobial S3 Tetramer-Peptides Expressed in E. coli. <i>International Journal of Peptide Research and Therapeutics</i> , 2021 , 27, 2439	2.1	
41	Alternative Therapeutic Interventions: Antimicrobial Peptides and Small Molecules to Treat Microbial Keratitis. <i>Frontiers in Chemistry</i> , 2021 , 9, 694998	5	1
40	Potent Activity of Hybrid Arthropod Antimicrobial Peptides Linked by Glycine Spacers. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
39	Initial purification of antimicrobial fermentation metabolites from <i>Paecilomyces cicadae</i> and its antimicrobial mechanism. <i>LWT - Food Science and Technology</i> , 2021 , 148, 111785	5.4	0
38	Modification Strategy of D-leucine Residue Addition on a Novel Peptide from , with Enhanced Bioactivity and In Vivo Efficacy. <i>Toxins</i> , 2021 , 13,	4.9	1
37	Effective inhibition of <i>Clostridioides difficile</i> by the novel peptide CM-A. <i>PLoS ONE</i> , 2021 , 16, e0257431	3.7	
36	Octopromycin: Antibacterial and antibiofilm functions of a novel peptide derived from Octopus minor against multidrug-resistant <i>Acinetobacter baumannii</i> . <i>Fish and Shellfish Immunology</i> , 2021 , 117, 82-94	4.3	1
35	A Thermostable, Modified Cathelicidin-Derived Peptide With Enhanced Membrane-Active Activity Against serovar Typhimurium. <i>Frontiers in Microbiology</i> , 2020 , 11, 592220	5.7	1
34	Discovery, Optimization, and Clinical Application of Natural Antimicrobial Peptides. <i>Biomedicines</i> , 2021 , 9,	4.8	2
33	Improving the Activity of Antimicrobial Peptides Against Aquatic Pathogen Bacteria by Amino Acid Substitutions and Changing the Ratio of Hydrophobic Residues. <i>Frontiers in Microbiology</i> , 2021 , 12, 773076	5.7	0

32	Mechanism of Antimicrobial Peptides: Antimicrobial, Anti-Inflammatory and Antibiofilm Activities. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	16
31	In vitro and in vivo antifungal activity of two peptides with the same composition and different distribution. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021 , 252, 109243	3.2	0
30	Chitosan utilized for bacterial preparation for scanning electron microscopy. <i>Microscopy Research and Technique</i> , 2021 ,	2.8	
29	Discovery of novel antimicrobial peptides, Brevilaterin V, from <i>Brevibacillus laterosporus</i> S62-9 after regulated by exogenously-added L-valine. <i>LWT - Food Science and Technology</i> , 2022 , 155, 112962	5.4	1
28	Biopolymer Nano-network for Antimicrobial Peptide Protection and Local Delivery.. <i>Advanced Healthcare Materials</i> , 2021 , e2101426	10.1	1
27	Interaction of a short antimicrobial peptide on charged lipid bilayer: A case study on aurein 1.2 peptide. <i>BBA Advances</i> , 2022 , 2, 100045		1
26	Deciphering the Limitations and Antibacterial Mechanism of Cruzioseptins. <i>International Journal of Peptide Research and Therapeutics</i> , 2022 , 28, 1	2.1	0
25	A Novel Antimicrobial Peptide Derived from Bony Fish IFN1 Exerts Potent Antimicrobial and Anti-Inflammatory Activity in Mammals.. <i>Microbiology Spectrum</i> , 2022 , e0201321	8.9	
24	Influence of Acetylation on the Mechanism of Action of Antimicrobial Peptide L163. <i>International Journal of Peptide Research and Therapeutics</i> , 2022 , 28, 1	2.1	
23	PaP1, a Broad-Spectrum Lysin-Derived Cationic Peptide to Treat Polymicrobial Skin Infections.. <i>Frontiers in Microbiology</i> , 2022 , 13, 817228	5.7	0
22	Molecular Dynamics Studies on the Bacterial Membrane Pore Formation by Small Molecule Antimicrobial Agents.. <i>Journal of Chemical Information and Modeling</i> , 2021 ,	6.1	1
21	Peptide Conjugates Derived from flg15, Pep13, and PIP1 That Are Active against Plant-Pathogenic Bacteria and Trigger Plant Defense Responses. <i>Applied and Environmental Microbiology</i> ,	4.8	0
20	Bio-nano scale modifications of melittin for improving therapeutic efficacy. <i>Expert Opinion on Biological Therapy</i> , 1-15	5.4	0
19	Evaluation of the Antimicrobial Activity in Host-Mimicking Media and In Vivo Toxicity of Antimicrobial Polymers as Functional Mimics of AMPs. <i>ACS Applied Materials & Interfaces</i> ,	9.5	1
18	Functional Characterization, Antimicrobial Effects, and Potential Antibacterial Mechanisms of NpHM4, a Derived Peptide of <i>Nautilus pompilius</i> Hemocyanin. <i>Marine Drugs</i> , 2022 , 20, 459	6	0
17	In pursuit of next-generation therapeutics: Antimicrobial peptides against superbugs, their sources, mechanism of action, nanotechnology-based delivery, and clinical applications. <i>International Journal of Biological Macromolecules</i> , 2022 , 218, 135-156	7.9	4
16	The membrane-active polyaminoisoprenyl compound NV716 re-sensitizes <i>Pseudomonas aeruginosa</i> to antibiotics and reduces bacterial virulence. 2022 , 5,		0
15	Advances in Nonfouling and Antimicrobial Coatings: Perspectives for the Food Industry.		0

- 14 Current Trends and Prospects in Antimicrobial Peptide Bioprocessing. **2022**, 109-141 ○
- 13 Antimicrobial potential of a ponicin-like peptide isolated from *Bombyx mori* L. hemolymph in response to *Pseudomonas aeruginosa* infection. **2022**, 12, ○
- 12 Recombinant Actifensin and Defensin-d2 Induce Critical Changes in the Proteomes of Multidrug-Resistant *Pseudomonas aeruginosa* and *Candida albicans*. ○
- 11 Novel D-form of hybrid peptide (D-AP19) rapidly kills *Acinetobacter baumannii* while tolerating proteolytic enzymes. **2022**, 12, ○
- 10 Antimicrobial Peptides Mechanisms of Action, Antimicrobial Effects and Clinical Applications. **2022**, 11, 1417 3
- 9 Peptides DLL37-1 and LL37-1, an alternative to inhibit biofilm formation in clinical isolates of *Staphylococcus aureus* and *Staphylococcus epidermidis*. **2022**, 94, ○
- 8 Andrographolide and 4-Phenylbutyric Acid Administration Increase the Expression of Antimicrobial Peptides Beta-Defensin-1 and Cathelicidin and Reduce Mortality in Murine Sepsis. **2022**, 11, 1629 ○
- 7 10-mer and 9-mer WALK Peptides with Both Antibacterial and Anti-Inflammatory Activities. **2022**, 11, 1588 ○
- 6 Smart dental materials for antimicrobial applications. **2023**, 24, 1-19 1
- 5 Membrane-Active Cyclic Amphiphilic Peptides: Broad-Spectrum Antibacterial Activity Alone and in Combination with Antibiotics. **2022**, 65, 15819-15839 ○
- 4 Yeast Expressed Hybrid Peptide CLP Abridged Pro-Inflammatory Cytokine Levels by Endotoxin Neutralization. **2023**, 11, 131 ○
- 3 A novel designed membrane-active peptide for the control of foodborne *Salmonella enterica* serovar Typhimurium. **2023**, 13, ○
- 2 Comparative Evaluation of Existing and Rationally Designed Novel Antimicrobial Peptides for Treatment of Skin and Soft Tissue Infections. **2023**, 12, 551 ○
- 1 Selenized Chickpea Sprouts Hydrolysates as a Potential Anti-Aging Ingredient. **2023**, 28, 3402 ○