

Maria Luisa Mangoni

List of Publications by Year in descending order

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130
papers

6,046
citations

50273

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132
docs citations

132
times ranked

5572
citing authors

#	ARTICLE	IF	CITATIONS
1	Temporins, Antimicrobial Peptides from the European Red Frog <i>Rana temporaria</i> . <i>FEBS Journal</i> , 1996, 242, 788-792.	0.2	302
2	Antimicrobial peptides and wound healing: biological and therapeutic considerations. <i>Experimental Dermatology</i> , 2016, 25, 167-173.	2.9	282
3	Temporin L: antimicrobial, haemolytic and cytotoxic activities, and effects on membrane permeabilization in lipid vesicles. <i>Biochemical Journal</i> , 2002, 368, 91-100.	3.7	172
4	Temporins, Small Antimicrobial Peptides with Leishmanicidal Activity. <i>Journal of Biological Chemistry</i> , 2005, 280, 984-990.	3.4	169
5	Effects of the antimicrobial peptide temporin L on cell morphology, membrane permeability and viability of <i>Escherichia coli</i> . <i>Biochemical Journal</i> , 2004, 380, 859-865.	3.7	149
6	Structure-function relationships of temporins, small antimicrobial peptides from amphibian skin. <i>FEBS Journal</i> , 2000, 267, 1447-1454.	0.2	148
7	Temporins, anti-infective peptides with expanding properties. <i>Cellular and Molecular Life Sciences</i> , 2006, 63, 1060-1069.	5.4	146
8	Gold-nanoparticles coated with the antimicrobial peptide esculentin-1a(1-21)NH ₂ as a reliable strategy for antipseudomonal drugs. <i>Acta Biomaterialia</i> , 2017, 47, 170-181.	8.3	135
9	Short native antimicrobial peptides and engineered ultrashort lipopeptides: similarities and differences in cell specificities and modes of action. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 2267-2280.	5.4	133
10	Esculentin(1-21), an amphibian skin membrane-active peptide with potent activity on both planktonic and biofilm cells of the bacterial pathogen <i>Pseudomonas aeruginosa</i> . <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 2773-2786.	5.4	131
11	How Many Antimicrobial Peptide Molecules Kill a Bacterium? The Case of PMAP-23. <i>ACS Chemical Biology</i> , 2014, 9, 2003-2007.	3.4	130
12	Overcoming barriers in <i>Pseudomonas aeruginosa</i> lung infections: Engineered nanoparticles for local delivery of a cationic antimicrobial peptide. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 135, 717-725.	5.0	120
13	Mechanisms of biofilm inhibition and degradation by antimicrobial peptides. <i>Biochemical Journal</i> , 2015, 468, 259-270.	3.7	116
14	A Synergism between Temporins toward Gram-negative Bacteria Overcomes Resistance Imposed by the Lipopolysaccharide Protective Layer. <i>Journal of Biological Chemistry</i> , 2006, 281, 28565-28574.	3.4	112
15	Temporins and their synergism against Gram-negative bacteria and in lipopolysaccharide detoxification. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 1610-1619.	2.6	103
16	Effect of Natural- to-d-Amino Acid Conversion on the Organization, Membrane Binding, and Biological Function of the Antimicrobial Peptides Bombinins H&E. <i>Biochemistry</i> , 2006, 45, 4266-4276.	2.5	92
17	Lipopolysaccharide, a Key Molecule Involved in the Synergism between Temporins in Inhibiting Bacterial Growth and in Endotoxin Neutralization. <i>Journal of Biological Chemistry</i> , 2008, 283, 22907-22917.	3.4	91
18	NMR Structures and Interactions of Temporin-1Tl and Temporin-1Tb with Lipopolysaccharide Micelles. <i>Journal of Biological Chemistry</i> , 2011, 286, 24394-24406.	3.4	84

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19	The synthesis of antimicrobial peptides in the skin of <i>Rana esculentais</i> stimulated by microorganisms. <i>FASEB Journal</i> , 2001, 15, 1431-1432.	0.5	83
20	Poly(lactide-co-glycolide) Nanoparticles for Prolonged Therapeutic Efficacy of Esculentin-1a-Derived Antimicrobial Peptides against <i>Pseudomonas aeruginosa</i> Lung Infection: in Vitro and in Vivo Studies. <i>Biomacromolecules</i> , 2019, 20, 1876-1888.	5.4	82
21	A Different Molecular Mechanism Underlying Antimicrobial and Hemolytic Actions of Temporins A and L. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 2354-2362.	6.4	80
22	The Amphibian Antimicrobial Peptide Temporin B Inhibits <i>In Vitro</i> Herpes Simplex Virus 1 Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	79
23	Comparative Analysis of the Bactericidal Activities of Amphibian Peptide Analogues against Multidrug-Resistant Nosocomial Bacterial Strains. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 85-91.	3.2	76
24	Structure-Activity Relationship, Conformational and Biological Studies of Temporin L Analogues. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 1298-1307.	6.4	76
25	The Frog Skin-Derived Antimicrobial Peptide Esculentin-1a(1-21)NH ₂ Promotes the Migration of Human HaCaT Keratinocytes in an EGF Receptor-Dependent Manner: A Novel Promoter of Human Skin Wound Healing?. <i>PLoS ONE</i> , 2015, 10, e0128663.	2.5	76
26	Ranacyclins, a New Family of Short Cyclic Antimicrobial Peptides: Biological Function, Mode of Action, and Parameters Involved in Target Specificity,. <i>Biochemistry</i> , 2003, 42, 14023-14035.	2.5	73
27	Anti- <i>Pseudomonas</i> Activity of Frog Skin Antimicrobial Peptides in a <i>Caenorhabditis elegans</i> Infection Model: a Plausible Mode of Action <i>In Vitro</i> and <i>In Vivo</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 3853-3860.	3.2	71
28	Structure-function relationships in bombinins H, antimicrobial peptides from Bombina skin secretions†. <i>Peptides</i> , 2000, 21, 1673-1679.	2.4	70
29	d-Amino acids incorporation in the frog skin-derived peptide esculentin-1a(1-21)NH ₂ is beneficial for its multiple functions. <i>Amino Acids</i> , 2015, 47, 2505-2519.	2.7	70
30	Anti-Candida effect of bacillomycin D-like lipopeptides from <i>Bacillus subtilis</i> B38. <i>FEMS Microbiology Letters</i> , 2011, 316, 108-114.	1.8	69
31	Temporins A and B Stimulate Migration of HaCaT Keratinocytes and Kill Intracellular <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 2520-2527.	3.2	68
32	Interaction of Antimicrobial Peptide Temporin L with Lipopolysaccharide <i>In Vitro</i> and in Experimental Rat Models of Septic Shock Caused by Gram-Negative Bacteria. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 2478-2486.	3.2	65
33	Effect of glucocorticoids on the synthesis of antimicrobial peptides in amphibian skin. <i>FEBS Letters</i> , 1997, 416, 273-275.	2.8	61
34	Experimental Infections of <i>Rana esculenta</i> with <i>Aeromonas hydrophila</i> : A Molecular Mechanism for the Control of the Normal Flora. <i>Scandinavian Journal of Immunology</i> , 1998, 48, 357-363.	2.7	61
35	Isomerization of an Antimicrobial Peptide Broadens Antimicrobial Spectrum to Gram-Positive Bacterial Pathogens. <i>PLoS ONE</i> , 2012, 7, e46259.	2.5	60
36	Naturally Occurring Peptides from <i>Rana temporaria</i> : Antimicrobial Properties and More. <i>Current Topics in Medicinal Chemistry</i> , 2015, 16, 54-64.	2.1	60

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37	Binding of an antimicrobial peptide to bacterial cells: Interaction with different species, strains and cellular components. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183291.	2.6	58
38	From frog integument to human skin: dermatological perspectives from frog skin biology. <i>Biological Reviews</i> , 2014, 89, 618-655.	10.4	55
39	Cell-Density Dependence of Host-Defense Peptide Activity and Selectivity in the Presence of Host Cells. <i>ACS Chemical Biology</i> , 2017, 12, 52-56.	3.4	55
40	Expression and activity of cyclic and linear analogues of esculentin-1, an anti-microbial peptide from amphibian skin. <i>FEBS Journal</i> , 1999, 263, 921-927.	0.2	54
41	Esculentin 1â€“21: a linear antimicrobial peptide from frog skin with inhibitory effect on bovine mastitisâ€“causing bacteria. <i>Journal of Peptide Science</i> , 2009, 15, 607-614.	1.4	53
42	Host-defense peptides: from biology to therapeutic strategies. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 2157-2159.	5.4	53
43	Esculentin-1a(1-21)NH ₂ : a frog skin-derived peptide for microbial keratitis. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 617-627.	5.4	53
44	The effect of d-amino acid substitution on the selectivity of temporin L towards target cells: Identification of a potent anti-Candida peptide. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 652-660.	2.6	51
45	Inoculum effect of antimicrobial peptides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	50
46	Biological characterization and modes of action of temporins and bombinins H, multiple forms of short and mildly cationic anti-microbial peptides from amphibian skin. <i>Journal of Peptide Science</i> , 2007, 13, 603-613.	1.4	49
47	Esculentinâ€“1b(1â€“18) â€“ a membraneâ€“active antimicrobial peptide that synergizes with antibiotics and modifies the expression level of a limited number of proteins in <i>Escherichia coli</i> . <i>FEBS Journal</i> , 2009, 276, 5647-5664.	4.7	49
48	Esculentin-1a-Derived Peptides Promote Clearance of <i>Pseudomonas aeruginosa</i> Internalized in Bronchial Cells of Cystic Fibrosis Patients and Lung Cell Migration: Biochemical Properties and a Plausible Mode of Action. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 7252-7262.	3.2	47
49	Broad-Spectrum Antiviral Activity of the Amphibian Antimicrobial Peptide Temporin L and Its Analogs. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2060.	4.1	47
50	Functional characterisation of the 1â€“18 fragment of esculentin-1b, an antimicrobial peptide from <i>Rana esculenta</i> . <i>Peptides</i> , 2003, 24, 1771-1777.	2.4	45
51	Inhibition of <i>Pseudomonas aeruginosa</i> biofilm formation and expression of virulence genes by selective epimerization in the peptide Esculentinâ€“1a(1â€“21)NH ₂ . <i>FEBS Journal</i> , 2019, 286, 3874-3891.	4.7	45
52	Synergistic fungicidal activity of the lipopeptide bacillomycin D with amphotericin B against pathogenic <i>Candida</i> species. <i>FEMS Yeast Research</i> , 2015, 15, fov022.	2.3	41
53	Naturally-Occurring Alkaloids of Plant Origin as Potential Antimicrobials against Antibiotic-Resistant Infections. <i>Molecules</i> , 2020, 25, 3619.	3.8	41
54	An amphibian antimicrobial peptide variant expressed in <i>Nicotiana tabacum</i> confers resistance to phytopathogens. <i>Biochemical Journal</i> , 2003, 370, 121-127.	3.7	40

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55	Alteration of Local Microflora and $\hat{\pm}$ -defensins Hyper-production in Colonic Adenoma Mucosa. Journal of Clinical Gastroenterology, 2011, 45, 602-610.	2.2	39
56	From liposomes to cells: Filling the gap between physicochemical and microbiological studies of the activity and selectivity of hostâ€defense peptides. Peptide Science, 2018, 110, e24041.	1.8	37
57	Nigritanine as a New Potential Antimicrobial Alkaloid for the Treatment of Staphylococcus aureus-Induced Infections. Toxins, 2019, 11, 511.	3.4	37
58	Alanine scanning analysis and structureâ€function relationships of the frogâ€skin antimicrobial peptide temporinâ€1Ta. Journal of Peptide Science, 2011, 17, 358-365.	1.4	35
59	The Revaluation of Plant-Derived Terpenes to Fight Antibiotic-Resistant Infections. Antibiotics, 2020, 9, 325.	3.7	35
60	Novel $\hat{\pm}$ -MSH Peptide Analogues with Broad Spectrum Antimicrobial Activity. PLoS ONE, 2013, 8, e61614.	2.5	35
61	Optimization of medium composition for the production of antimicrobial activity by <i>Bacillus subtilis</i> B38. Biotechnology Progress, 2009, 25, 1267-1274.	2.6	34
62	Production of Anti-Methicillin-Resistant Staphylococcus Activity from Bacillus subtilis sp. Strain B38 Newly Isolated from Soil. Applied Biochemistry and Biotechnology, 2009, 157, 407-419.	2.9	34
63	Glycine-replaced derivatives of [Pro 3 ,DLeu 9]TL, a temporin L analogue: Evaluation of antimicrobial, cytotoxic and hemolytic activities. European Journal of Medicinal Chemistry, 2017, 139, 750-761.	5.5	34
64	Promising Approaches to Optimize the Biological Properties of the Antimicrobial Peptide Esculentin-1a(1â€21)NH ₂ : Amino Acids Substitution and Conjugation to Nanoparticles. Frontiers in Chemistry, 2017, 5, 26.	3.6	34
65	A Novel &em>In Vitro&em> Wound Healing Assay to Evaluate Cell Migration. Journal of Visualized Experiments, 2018, , .	0.3	34
66	Rational modification of a dendrimeric peptide with antimicrobial activity: consequences on membrane-binding and biological properties. Amino Acids, 2016, 48, 887-900.	2.7	33
67	In vitro bactericidal activity of the N-terminal fragment of the frog peptide esculentin-1b (Esc 1â€18) in combination with conventional antibiotics against Stenotrophomonas maltophilia. Peptides, 2009, 30, 1622-1626.	2.4	32
68	Membrane interaction and antibacterial properties of two mildly cationic peptide diastereomers, bombinins H2 and H4, isolated from Bombina skin. European Biophysics Journal, 2011, 40, 577-588.	2.2	32
69	Fighting microbial infections: A lesson from amphibian skin-derived esculentin-1 peptides. Peptides, 2015, 71, 286-295.	2.4	32
70	In vivo therapeutic efficacy of frog skin-derived peptides against Pseudomonas aeruginosa-induced pulmonary infection. Scientific Reports, 2017, 7, 8548.	3.3	31
71	NMR Structure of Temporin-1 Ta in Lipopolysaccharide Micelles: Mechanistic Insight into Inactivation by Outer Membrane. PLoS ONE, 2013, 8, e72718.	2.5	31
72	Esculentin-1a Derived Antipseudomonal Peptides: Limited Induction of Resistance and Synergy with Aztreonam. Protein and Peptide Letters, 2019, 25, 1155-1162.	0.9	31

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73	Bacillomycin D and its combination with amphotericin B: promising antifungal compounds with powerful antibiofilm activity and wound-healing potency. <i>Journal of Applied Microbiology</i> , 2016, 120, 289-300.	3.1	28
74	Membrane perturbing activities and structural properties of the frog-skin derived peptide Esculentin-1a(1-21)NH ₂ and its Diastereomer Esc(1-21)-1c: Correlation with their antipseudomonal and cytotoxic activity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 2327-2339.	2.6	27
75	Antioxidative and DNA Protective Effects of Bacillomycin D-Like Lipopeptides Produced by B38 Strain. <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 2245-2256.	2.9	26
76	Aggregation determines the selectivity of membrane-active anticancer and antimicrobial peptides: The case of killerFLIP. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183107.	2.6	26
77	Assessment of the potential of temporin peptides from the frog <i>Rana temporaria</i> (Ranidae) as anti-diabetic agents. <i>Journal of Peptide Science</i> , 2018, 24, e3065.	1.4	24
78	Esculentin-1a derived peptides kill <i>Pseudomonas aeruginosa</i> biofilm on soft contact lenses and retain antibacterial activity upon immobilization to the lens surface. <i>Peptide Science</i> , 2018, 110, e23074.	1.8	24
79	First-in-Class Cyclic Temporin L Analogue: Design, Synthesis, and Antimicrobial Assessment. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 11675-11694.	6.4	24
80	Folding propensity and biological activity of peptides: The effect of a single stereochemical isomerization on the conformational properties of bombinins in aqueous solution. <i>Biopolymers</i> , 2008, 89, 769-778.	2.4	23
81	The Outcomes of Decorated Prolines in the Discovery of Antimicrobial Peptides from Temporin-1. <i>ChemMedChem</i> , 2019, 14, 1283-1290.	3.2	23
82	Anti-Candida activity of 18 fragment of the frog skin peptide esculentin-1b: in vitro and in vivo studies in a <i>Caenorhabditis elegans</i> infection model. <i>Cellular and Molecular Life Sciences</i> , 2013, 71, 2535-46.	5.4	22
83	Temporin G, an amphibian antimicrobial peptide against influenza and parainfluenza respiratory viruses: Insights into biological activity and mechanism of action. <i>FASEB Journal</i> , 2021, 35, e21358.	0.5	21
84	Effects of Aib residues insertion on the structural-functional properties of the frog skin-derived peptide esculentin-1a(1-21)NH ₂ . <i>Amino Acids</i> , 2017, 49, 139-150.	2.7	20
85	Novel temporin L antimicrobial peptides: promoting self-assembling by lipidic tags to tackle superbugs. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1751-1764.	5.2	20
86	α-Defensin increase in peripheral blood mononuclear cells from patients with hepatitis C virus chronic infection. <i>Journal of Viral Hepatitis</i> , 2006, 13, 821-827.	2.0	19
87	The Potential of Frog Skin Peptides for Anti-Infective Therapies: The Case of Esculentin-1a(1-21)NH ₂ . <i>Current Medicinal Chemistry</i> , 2020, 27, 1405-1419.	2.4	19
88	The Antimicrobial Peptide Temporin G: Anti-Biofilm, Anti-Persister Activities, and Potentiator Effect of Tobramycin Efficacy Against <i>Staphylococcus aureus</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 9410.	4.1	17
89	NMR structure and binding of esculentin-1a (1-21)NH ₂ and its diastereomer to lipopolysaccharide: Correlation with biological functions. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 800-812.	2.6	16
90	ent-Beyerane Diterpenes as a Key Platform for the Development of ArnT-Mediated Colistin Resistance Inhibitors. <i>Journal of Organic Chemistry</i> , 2020, 85, 10891-10901.	3.2	16

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91	A new antibacterial and antioxidant S07-2 compound produced by <i>Bacillus subtilis</i> B38. FEMS Microbiology Letters, 2010, 303, 176-182.	1.8	15
92	Fluorescence and Electron Microscopy Methods for Exploring Antimicrobial Peptides Mode(s) of Action. Methods in Molecular Biology, 2010, 618, 249-266.	0.9	15
93	Development of Antimicrobial Peptides from Amphibians. Antibiotics, 2020, 9, 772.	3.7	15
94	A novel colistin adjuvant identified by virtual screening for ArnT inhibitors. Journal of Antimicrobial Chemotherapy, 2020, 75, 2564-2572.	3.0	15
95	Conformational Analysis of the Host-Defense Peptides Pseudhymenochirin-1Pb and -2Pa and Design of Analogues with Insulin-Releasing Activities and Reduced Toxicities. Journal of Natural Products, 2015, 78, 3041-3048.	3.0	14
96	Structural Elucidation and Antimicrobial Characterization of Novel Diterpenoids from <i>Fabiana densa</i> var. <i>ramulosa</i> . ACS Medicinal Chemistry Letters, 2020, 11, 760-765.	2.8	14
97	Cytotoxic peptides with insulin-releasing activities from skin secretions of the Italian stream frog <i>Rana italica</i> (Ranidae). Journal of Peptide Science, 2017, 23, 769-776.	1.4	13
98	Purification, Conformational Analysis, and Properties of a Family of Tigerinin Peptides from Skin Secretions of the Crowned Bullfrog <i>Hoplobatrachus occipitalis</i> . Journal of Natural Products, 2016, 79, 2350-2356.	3.0	12
99	A peptidylprolyl cis/trans isomerase from <i>Xenopus laevis</i> skin: cloning, biochemical characterization and putative role in the secretion. Peptides, 2003, 24, 1713-1721.	2.4	11
100	Bioactive compounds: a goldmine for defining new strategies against pathogenic bacterial biofilms?. Critical Reviews in Microbiology, 2023, 49, 117-149.	6.1	10
101	Toward an improved structural model of the frog skin antimicrobial peptide esculentin-1b (1-18). Biopolymers, 2012, 97, 873-881.	2.4	9
102	Bronchial epithelium repair by Esculentin-1a-derived antimicrobial peptides: involvement of metalloproteinase-9 and interleukin-8, and evaluation of peptides' immunogenicity. Scientific Reports, 2019, 9, 18988.	3.3	9
103	Frog Skin-Derived Peptides Against <i>Corynebacterium jeikeium</i> : Correlation between Antibacterial and Cytotoxic Activities. Antibiotics, 2020, 9, 448.	3.7	9
104	The Antimicrobial Peptide Esc(1-21) Synergizes with Colistin in Inhibiting the Growth and in Killing Multidrug Resistant <i>Acinetobacter baumannii</i> Strains. Antibiotics, 2022, 11, 234.	3.7	9
105	Insulinotropic, glucose-lowering, and beta-cell anti-apoptotic actions of peptides related to esculentin-1a(1-21).NH ₂ . Amino Acids, 2018, 50, 723-734.	2.7	8
106	Opposing Effects of PhoPQ and PmrAB on the Properties of <i>Salmonella enterica</i> serovar Typhimurium: Implications on Resistance to Antimicrobial Peptides. Biochemistry, 2021, 60, 2943-2955.	2.5	8
107	The Inhibition of DNA Viruses by the Amphibian Antimicrobial Peptide Temporin G: A Virological Study Addressing HSV-1 and JPCyV. International Journal of Molecular Sciences, 2022, 23, 7194.	4.1	8
108	Peptidomic analysis of the host-defense peptides in skin secretions of the Trinidadian leaf frog <i>Phyllomedusa trinitatis</i> (Phyllomedusidae). Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2018, 28, 72-79.	1.0	7

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109	A Lesson from Bombinins H, Mildly Cationic Diastereomeric Antimicrobial Peptides from Bombina Skin. <i>Current Protein and Peptide Science</i> , 2013, 14, 734-743.	1.4	7
110	Inorganic Gold and Polymeric Poly(Lactide-co-glycolide) Nanoparticles as Novel Strategies to Ameliorate the Biological Properties of Antimicrobial Peptides. <i>Current Protein and Peptide Science</i> , 2020, 21, 429-438.	1.4	7
111	Pâ€13 Peptide: New experimental evidences on its biological activity and conformational insights from molecular dynamics simulations. <i>Biopolymers</i> , 2014, 102, 159-167.	2.4	6
112	Peptidomic analysis of skin secretions of the Mexican burrowing toad <i>Rhinophrynus dorsalis</i> (Rhinophrynidae): Insight into the origin of host-defense peptides within the Pipidae and characterization of a proline-arginine-rich peptide. <i>Peptides</i> , 2017, 97, 22-28.	2.4	5
113	Antifungal Activity of the Frog Skin Peptide Temporin G and Its Effect on <i>Candida albicans</i> Virulence Factors. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6345.	4.1	5
114	Triggering of the Antibacterial Activity of <i>Bacillus subtilis</i> B38 Strain against Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Applied Biochemistry and Biotechnology</i> , 2011, 164, 34-44.	2.9	4
115	Editorial (Thematic Issue: Antimicrobial Peptides in Medicinal Chemistry: Advances and Applications). <i>Current Topics in Medicinal Chemistry</i> , 2015, 16, 2-3.	2.1	4
116	Antimicrobial Peptides and their Multiple Effects at Sub-Inhibitory Concentrations. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 1264-1273.	2.1	4
117	Esc peptides as novel potentiators of defective cystic fibrosis transmembrane conductance regulator: an unprecedented property of antimicrobial peptides. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 1.	5.4	4
118	Preface to Amphibian Antimicrobial Peptides. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 1535-1536.	2.6	3
119	Methods for In Vitro Analysis of Antimicrobial Activity and Toxicity of Anti-keratitis Peptides: Bacterial Viability in Tears, MTT, and TNF- α Release Assays. <i>Methods in Molecular Biology</i> , 2017, 1548, 395-409.	0.9	2
120	Exposure to b-LED Light While Exerting Antimicrobial Activity on Gram-Negative and -Positive Bacteria Promotes Transient EMT-like Changes and Growth Arrest in Keratinocytes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1896.	4.1	2
121	Derivatives of Esculentin-1 Peptides as Promising Candidates for Fighting Infections from <i>Escherichia coli</i> O157:H7. <i>Antibiotics</i> , 2022, 11, 656.	3.7	2
122	Bombinins. , 2006, , 333-337.		1
123	Editorial: Secondary Metabolites and Peptides as Unique Natural Reservoirs of New Therapeutic Leads for Treatment of Cancer and Microbial Infections. <i>Frontiers in Chemistry</i> , 2021, 9, 748180.	3.6	1
124	A Plausible Molecular Mechanism for the Synergistic Activity of Temporins at the Level of Lipopolysaccharide-Outer Membrane of Gram-Negative Bacteria. <i>Biophysical Journal</i> , 2012, 102, 91a-92a.	0.5	0
125	Bombinins. , 2013, , 331-337.		0
126	Selectivity of Antimicrobial Peptides: Association to Bacterial and Eukaryotic Cells and Cell-Density Dependence. <i>Biophysical Journal</i> , 2016, 110, 417a.	0.5	0

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127	Methods for In Vivo/Ex Vivo Analysis of Antimicrobial Peptides in Bacterial Keratitis: siRNA Knockdown, Colony Counts, Myeloperoxidase, Immunostaining, and RT-PCR Assays. <i>Methods in Molecular Biology</i> , 2017, 1548, 411-425.	0.9	0
128	Nanotechnologies to Improve the Pharmacological Profile of Therapeutic Peptides. <i>Current Protein and Peptide Science</i> , 2020, 21, 332-333.	1.4	0
129	Antipseudomonal and Immunomodulatory Properties of Esc Peptides: Promising Features for Treatment of Chronic Infectious Diseases and Inflammation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 557.	4.1	0
130	The Triprenylated Anthranoid Ferruginin A, a Promising Scaffold for the Development of Novel Antibiotics against Gram-Positive Bacteria. <i>Antibiotics</i> , 2022, 11, 84.	3.7	0