

Lucia Lombardi

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

765
citations

567281

15
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

1533
citing authors

#	ARTICLE	IF	CITATIONS
1	Marine Antimicrobial Peptides: Nature Provides Templates for the Design of Novel Compounds against Pathogenic Bacteria. <i>International Journal of Molecular Sciences</i> , 2016, 17, 785.	4.1	119
2	Biofilms: Novel Strategies Based on Antimicrobial Peptides. <i>Pharmaceutics</i> , 2019, 11, 322.	4.5	85
3	A New Hope: Self-Assembling Peptides with Antimicrobial Activity. <i>Pharmaceutics</i> , 2019, 11, 166.	4.5	85
4	Enhancing the Potency of Antimicrobial Peptides through Molecular Engineering and Self-Assembly. <i>Biomacromolecules</i> , 2019, 20, 1362-1374.	5.4	75
5	An integrated study on antimicrobial activity and ecotoxicity of quantum dots coated with the antimicrobial peptide indolicidin. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 4199-4211.	6.7	62
6	Lipid Exchange and Flip-Flop in Solid Supported Bilayers. <i>Langmuir</i> , 2013, 29, 12762-12769.	3.5	55
7	Antimicrobial peptides at work: interaction of myxinidin and its mutant WMR with lipid bilayers mimicking the <i>P. aeruginosa</i> and <i>E. coli</i> membranes. <i>Scientific Reports</i> , 2017, 7, 44425.	3.3	43
8	Eradication of <i>Candida albicans</i> persister cell biofilm by the membranotropic peptide gH625. <i>Scientific Reports</i> , 2020, 10, 5780.	3.3	40
9	Daphnia magna and Xenopus laevis as in vivo models to probe toxicity and uptake of quantum dots functionalized with gH625. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 2717-2731.	6.7	38
10	Polymicrobial antibiofilm activity of the membranotropic peptide gH625 and its analogue. <i>Microbial Pathogenesis</i> , 2018, 125, 189-195.	2.9	33
11	Beta-defensins and analogs in <i>Helicobacter pylori</i> infections: mRNA expression levels, DNA methylation, and antibacterial activity. <i>PLoS ONE</i> , 2019, 14, e0222295.	2.5	26
12	Autosomal dominant myopia associated to a novel P4HA2 missense variant and defective collagen hydroxylation. <i>Clinical Genetics</i> , 2018, 93, 982-991.	2.0	21
13	Metabolomic and oxidative effects of quantum dots-indolicidin on three generations of <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2018, 198, 158-164.	4.0	21
14	The world of cell penetrating: the future of medical applications. <i>Future Medicinal Chemistry</i> , 2020, 12, 1431-1446.	2.3	21
15	A boost to the antiviral activity: Cholesterol tagged peptides derived from glycoprotein B of Herpes Simplex virus type I. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 882-893.	7.5	17
16	Enhanced uptake of gH625 by blood brain barrier compared to liver in vivo: characterization of the mechanism by an in vitro model and implications for delivery. <i>Scientific Reports</i> , 2018, 8, 13836.	3.3	13
17	The intriguing journey of gH625-dendrimers. <i>RSC Advances</i> , 2017, 7, 9106-9114.	3.6	7
18	Quantum dots functionalized with gH625 attenuate QDs oxidative stress and lethality in <i>Caenorhabditis elegans</i> : a model system. <i>Ecotoxicology</i> , 2020, 29, 156-162.	2.4	4