Javier E GarcÃ-a-CastaÃ±eda

List of Publications by Year
in descending order

28 papers	385 citations	840119 11 h-index	794141 19 g-index
28 all docs	28 docs citations	28 times ranked	403 citing authors

#	Article	IF	Citations
1	Antibacterial Activity of Synthetic Peptides Derived from Lactoferricin againstEscherichia coliATCC 25922 andEnterococcus faecalisATCC 29212. BioMed Research International, 2015, 2015, 1-8.	0.9	39
2	Synthetic Peptides Derived from Bovine Lactoferricin Exhibit Antimicrobial Activity against E. coli ATCC 11775, S. maltophilia ATCC 13636 and S. enteritidis ATCC 13076. Molecules, 2017, 22, 452.	1.7	37
3	Antimicrobial Activity of Truncated and Polyvalent Peptides Derived from the FKCRRQWQWRMKKGLA Sequence against Escherichia coli ATCC 25922 and Staphylococcus aureus ATCC 25923. Molecules, 2017, 22, 987.	1.7	36
4	Antibacterial Synthetic Peptides Derived from Bovine Lactoferricin Exhibit Cytotoxic Effect against MDA-MB-468 and MDA-MB-231 Breast Cancer Cell Lines. Molecules, 2017, 22, 1641.	1.7	35
5	Synthetic Peptide Purification via Solid-Phase Extraction with Gradient Elution: A Simple, Economical, Fast, and Efficient Methodology. Molecules, 2019, 24, 1215.	1.7	28
6	Pullulan nanofibers containing the antimicrobial palindromic peptide LfcinB (21â€“25)_{Pal}obtainedviaelectrospinning. RSC Advances, 2019, 9, 20432-20438.	1.7	25
7	Synergistic bactericide and antibiotic effects of dimeric, tetrameric, or palindromic peptides containing the RWQWR motif against Gram-positive and Gram-negative strains. RSC Advances, 2019, 9, 7239-7245.	1.7	23
8	Identifying Plasmodium falciparum merozoite surface protein-10 human erythrocyte specific binding regions. Biochimie, 2005, 87, 461-472.	1.3	21
9	The tetrameric peptide LfcinB (20â€“25)₄ derived from bovine lactoferricin induces apoptosis in the MCF-7 breast cancer cell line. RSC Advances, 2019, 9, 20497-20504.	1.7	17
10	Plasmodium falciparum normocyte binding protein (PfNBP-1) peptides bind specifically to human erythrocytes. Peptides, 2003, 24, 1007-1014.	1.2	15
11	Selective cytotoxic effect against the MDA-MB-468 breast cancer cell line of the antibacterial palindromic peptide derived from bovine lactoferricin. RSC Advances, 2020, 10, 17593-17601.	1.7	13
12	Palindromic Peptide LfcinB (21â€25)_{Pal} Exhibited Antifungal Activity against Multidrugâ€Resistant Candida. ChemistrySelect, 2020, 5, 7236-7242.	0.7	9
13	A tetrameric peptide derived from bovine lactoferricin as a potential therapeutic tool for oral squamous cell carcinoma: A preclinical model. PLoS ONE, 2017, 12, e0174707.	1.1	9
14	LfcinB-Derived Peptides: Specific and punctual change of an amino acid in monomeric and dimeric sequences increase selective cytotoxicity in colon cancer cell lines. Arabian Journal of Chemistry, 2022, 15, 103998.	2.3	9
15	Short peptides conjugated to non-peptidic motifs exhibit antibacterial activity. RSC Advances, 2020, 10, 29580-29586.	1.7	8
16	Peptides Derived from (RRWQWRMKKLG)2-K-Ahx Induce Selective Cellular Death in Breast Cancer Cell Lines through Apoptotic Pathway. International Journal of Molecular Sciences, 2020, 21, 4550.	1.8	8
17	Use of Click Chemistry for Obtaining an Antimicrobial Chimeric Peptide Containing the LfcinB and Buforin II Minimal Antimicrobial Motifs. ChemistrySelect, 2020, 5, 1655-1657.	0.7	8
18	Shorter Antibacterial Peptide Having High Selectivity for E. coli Membranes and Low Potential for Inducing Resistance. Microorganisms, 2020, 8, 867.	1.6	7

#	Article	IF	Citations
19	Design, Synthesis, and Use of Peptides Derived from Human Papillomavirus L1 Protein for the Modification of Gold Electrode Surfaces by Self-Assembled Monolayers. Molecules, 2017, 22, 1970.	1.7	6
20	Effects of Substituting Arginine by Lysine in Bovine Lactoferricin Derived Peptides: Pursuing Production Lower Costs, Lower Hemolysis, and Sustained Antimicrobial Activity. International Journal of Peptide Research and Therapeutics, 2021, 27, 1751-1762.	0.9	6
21	Novel Synthesis of N-Glycosyl Amino Acids Using T3PÂ®: Propylphosphonic Acid Cyclic Anhydride as Coupling Reagent. International Journal of Peptide Research and Therapeutics, 2018, 24, 291-298.	0.9	5
22	Omics in the detection and identification of biosynthetic pathways related to mycotoxin synthesis. Analytical Methods, 2021, 13, 4038-4054.	1.3	5
23	Designing Chimeric Peptides: A Powerful Tool for Enhancing Antibacterial Activity. Chemistry and Biodiversity, 2021, 18, e2000885.	1.0	5
24	The Nonapeptide RWQWRWQWR: A Promising Molecule for Breast Cancer Therapy. ChemistrySelect, 2020, 5, 9691-9700.	0.7	4
25	Obtaining an immunoaffinity monolithic material: poly(GMA-co-EDMA) functionalized with an HPV-derived peptide using a thiolâ€“maleimide reaction. RSC Advances, 2021, 11, 4247-4255.	1.7	3
26	Development of Strategies for Glycopeptide Synthesis: An Overview on the Glycosidic Linkage. Current Organic Chemistry, 2020, 24, 2475-2497.	0.9	3
27	Synthesis of Glucosyl Amino Acid Derivatives for Obtaining Nâ€Glucopeptides via SPPS: Optimization of the Synthetic Route**. ChemistrySelect, 2021, 6, 4083-4088.	0.7	1
28	Amino Acids, Peptides and Peptide Mimetics: A Way to Diseases Prevention and Treatment. Current Organic Chemistry, 2020, 24, 2391-2392.	0.9	0