

Javier E Garc a-Casta eda

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	LfcinB-Derived Peptides: Specific and punctual change of an amino acid in monomeric and dimeric sequences increase selective cytotoxicity in colon cancer cell lines. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103998.	2.3	9
2	Omics in the detection and identification of biosynthetic pathways related to mycotoxin synthesis. <i>Analytical Methods</i> , 2021, 13, 4038-4054.	1.3	5
3	Obtaining an immunoaffinity monolithic material: poly(GMA-co-EDMA) functionalized with an HPV-derived peptide using a thiol-maleimide reaction. <i>RSC Advances</i> , 2021, 11, 4247-4255.	1.7	3
4	Synthesis of Glucosyl Amino Acid Derivatives for Obtaining N-Glycopeptides via SPPS: Optimization of the Synthetic Route**. <i>ChemistrySelect</i> , 2021, 6, 4083-4088.	0.7	1
5	Effects of Substituting Arginine by Lysine in Bovine Lactoferricin Derived Peptides: Pursuing Production Lower Costs, Lower Hemolysis, and Sustained Antimicrobial Activity. <i>International Journal of Peptide Research and Therapeutics</i> , 2021, 27, 1751-1762.	0.9	6
6	Designing Chimeric Peptides: A Powerful Tool for Enhancing Antibacterial Activity. <i>Chemistry and Biodiversity</i> , 2021, 18, e2000885.	1.0	5
7	Short peptides conjugated to non-peptidic motifs exhibit antibacterial activity. <i>RSC Advances</i> , 2020, 10, 29580-29586.	1.7	8
8	Palindromic Peptide LfcinB (21-25) _{Pal} Exhibited Antifungal Activity against Multidrug-Resistant <i>Candida</i> . <i>ChemistrySelect</i> , 2020, 5, 7236-7242.	0.7	9
9	The Nonapeptide RWQWRWQWR: A Promising Molecule for Breast Cancer Therapy. <i>ChemistrySelect</i> , 2020, 5, 9691-9700.	0.7	4
10	Selective cytotoxic effect against the MDA-MB-468 breast cancer cell line of the antibacterial palindromic peptide derived from bovine lactoferricin. <i>RSC Advances</i> , 2020, 10, 17593-17601.	1.7	13
11	Shorter Antibacterial Peptide Having High Selectivity for <i>E. coli</i> Membranes and Low Potential for Inducing Resistance. <i>Microorganisms</i> , 2020, 8, 867.	1.6	7
12	Peptides Derived from (RRWQWRMKKLG) ₂ -K-Ahx Induce Selective Cellular Death in Breast Cancer Cell Lines through Apoptotic Pathway. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4550.	1.8	8
13	Use of Click Chemistry for Obtaining an Antimicrobial Chimeric Peptide Containing the LfcinB and Buforin II Minimal Antimicrobial Motifs. <i>ChemistrySelect</i> , 2020, 5, 1655-1657.	0.7	8
14	Amino Acids, Peptides and Peptide Mimetics: A Way to Diseases Prevention and Treatment. <i>Current Organic Chemistry</i> , 2020, 24, 2391-2392.	0.9	0
15	Development of Strategies for Glycopeptide Synthesis: An Overview on the Glycosidic Linkage. <i>Current Organic Chemistry</i> , 2020, 24, 2475-2497.	0.9	3
16	The tetrameric peptide LfcinB (20-25) ₄ derived from bovine lactoferricin induces apoptosis in the MCF-7 breast cancer cell line. <i>RSC Advances</i> , 2019, 9, 20497-20504.	1.7	17
17	Pullulan nanofibers containing the antimicrobial palindromic peptide LfcinB (21-25) _{Pal} obtained via electrospinning. <i>RSC Advances</i> , 2019, 9, 20432-20438.	1.7	25
18	Synergistic bactericide and antibiotic effects of dimeric, tetrameric, or palindromic peptides containing the RWQWR motif against Gram-positive and Gram-negative strains. <i>RSC Advances</i> , 2019, 9, 7239-7245.	1.7	23

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19	Synthetic Peptide Purification via Solid-Phase Extraction with Gradient Elution: A Simple, Economical, Fast, and Efficient Methodology. <i>Molecules</i> , 2019, 24, 1215.	1.7	28
20	Novel Synthesis of N-Glycosyl Amino Acids Using T3P®: Propylphosphonic Acid Cyclic Anhydride as Coupling Reagent. <i>International Journal of Peptide Research and Therapeutics</i> , 2018, 24, 291-298.	0.9	5
21	Synthetic Peptides Derived from Bovine Lactoferricin Exhibit Antimicrobial Activity against <i>E. coli</i> ATCC 11775, <i>S. maltophilia</i> ATCC 13636 and <i>S. enteritidis</i> ATCC 13076. <i>Molecules</i> , 2017, 22, 452.	1.7	37
22	Antibacterial Synthetic Peptides Derived from Bovine Lactoferricin Exhibit Cytotoxic Effect against MDA-MB-468 and MDA-MB-231 Breast Cancer Cell Lines. <i>Molecules</i> , 2017, 22, 1641.	1.7	35
23	Design, Synthesis, and Use of Peptides Derived from Human Papillomavirus L1 Protein for the Modification of Gold Electrode Surfaces by Self-Assembled Monolayers. <i>Molecules</i> , 2017, 22, 1970.	1.7	6
24	Antimicrobial Activity of Truncated and Polyvalent Peptides Derived from the FKRRQWQWRMCKGLA Sequence against <i>Escherichia coli</i> ATCC 25922 and <i>Staphylococcus aureus</i> ATCC 25923. <i>Molecules</i> , 2017, 22, 987.	1.7	36
25	A tetrameric peptide derived from bovine lactoferricin as a potential therapeutic tool for oral squamous cell carcinoma: A preclinical model. <i>PLoS ONE</i> , 2017, 12, e0174707.	1.1	9
26	Antibacterial Activity of Synthetic Peptides Derived from Lactoferricin against <i>Escherichia coli</i> ATCC 25922 and <i>Enterococcus faecalis</i> ATCC 29212. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	39
27	Identifying <i>Plasmodium falciparum</i> merozoite surface protein-10 human erythrocyte specific binding regions. <i>Biochimie</i> , 2005, 87, 461-472.	1.3	21
28	<i>Plasmodium falciparum</i> normocyte binding protein (PfNBP-1) peptides bind specifically to human erythrocytes. <i>Peptides</i> , 2003, 24, 1007-1014.	1.2	15