

# Javier E Garc a-Casta eda

## List of Publications by Year in descending order

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28  
papers

385  
citations

840776

11  
h-index

794594

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 against <i>Escherichia coli</i> ATCC 25922 and <i>Enterococcus faecalis</i> ATCC 29212. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	39
2	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.	3.8	37
3	Antimicrobial Activity of Truncated and Polyvalent Peptides Derived from the FKRRQWQWRMKKGLA Sequence against <i>Escherichia coli</i> ATCC 25922 and <i>Staphylococcus aureus</i> ATCC 25923. <i>Molecules</i> , 2017, 22, 987.	3.8	36
4	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.	3.8	35
5	Synthetic Peptide Purification via Solid-Phase Extraction with Gradient Elution: A Simple, Economical, Fast, and Efficient Methodology. <i>Molecules</i> , 2019, 24, 1215.	3.8	28
6	Pullulan nanofibers containing the antimicrobial palindromic peptide LfcinB (21 <sup>25</sup> ) <sub>Pal</sub> obtained via electrospinning. <i>RSC Advances</i> , 2019, 9, 20432-20438.	3.6	25
7	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.	3.6	23
8	Identifying <i>Plasmodium falciparum</i> merozoite surface protein-10 human erythrocyte specific binding regions. <i>Biochimie</i> , 2005, 87, 461-472.	2.6	21
9	The tetrameric peptide LfcinB (20 <sup>25</sup> ) <sub>4</sub> derived from bovine lactoferricin induces apoptosis in the MCF-7 breast cancer cell line. <i>RSC Advances</i> , 2019, 9, 20497-20504.	3.6	17
10	<i>Plasmodium falciparum</i> normocyte binding protein (PfNBP-1) peptides bind specifically to human erythrocytes. <i>Peptides</i> , 2003, 24, 1007-1014.	2.4	15
11	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.	3.6	13
12	Palindromic Peptide LfcinB (21 <sup>25</sup> ) <sub>Pal</sub> Exhibited Antifungal Activity against Multidrug-Resistant <i>Candida</i> . <i>ChemistrySelect</i> , 2020, 5, 7236-7242.	1.5	9
13	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.	2.5	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. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103998.	4.9	9
15	Short peptides conjugated to non-peptidic motifs exhibit antibacterial activity. <i>RSC Advances</i> , 2020, 10, 29580-29586.	3.6	8
16	Peptides Derived from (RRWQWRMKKLG) <sub>2</sub> -K-Ahx Induce Selective Cellular Death in Breast Cancer Cell Lines through Apoptotic Pathway. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4550.	4.1	8
17	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.	1.5	8
18	Shorter Antibacterial Peptide Having High Selectivity for <i>E. coli</i> Membranes and Low Potential for Inducing Resistance. <i>Microorganisms</i> , 2020, 8, 867.	3.6	7

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19	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.	3.8	6
20	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.	1.9	6
21	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.	1.9	5
22	Omics in the detection and identification of biosynthetic pathways related to mycotoxin synthesis. <i>Analytical Methods</i> , 2021, 13, 4038-4054.	2.7	5
23	Designing Chimeric Peptides: A Powerful Tool for Enhancing Antibacterial Activity. <i>Chemistry and Biodiversity</i> , 2021, 18, e2000885.	2.1	5
24	The Nonapeptide RWQWRWQWR: A Promising Molecule for Breast Cancer Therapy. <i>ChemistrySelect</i> , 2020, 5, 9691-9700.	1.5	4
25	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.	3.6	3
26	Development of Strategies for Glycopeptide Synthesis: An Overview on the Glycosidic Linkage. <i>Current Organic Chemistry</i> , 2020, 24, 2475-2497.	1.6	3
27	Synthesis of Glucosyl Amino Acid Derivatives for Obtaining N-Glycopeptides via SPPS: Optimization of the Synthetic Route**. <i>ChemistrySelect</i> , 2021, 6, 4083-4088.	1.5	1
28	Amino Acids, Peptides and Peptide Mimetics: A Way to Diseases Prevention and Treatment. <i>Current Organic Chemistry</i> , 2020, 24, 2391-2392.	1.6	0