

Zuly Rivera-Monroy

List of Publications by Year in descending order

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623574

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#	ARTICLE	IF	CITATIONS
1	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
2	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.	1.7	36
3	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
4	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
5	Pullulan nanofibers containing the antimicrobial palindromic peptide LfcinB (21 ^{â€“25}) _{Pal} obtained via electrospinning. <i>RSC Advances</i> , 2019, 9, 20432-20438.	1.7	25
6	Crystal structure and dynamic NMR studies of octaacetyl-tetra(propyl)calix[4]resorcinarene. <i>Journal of Molecular Structure</i> , 2017, 1137, 380-386.	1.8	23
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.	1.7	23
8	Identifying <i>Plasmodium falciparum</i> merozoite surface protein-10 human erythrocyte specific binding regions. <i>Biochimie</i> , 2005, 87, 461-472.	1.3	21
9	Selective O-Alkylation of the Crown Conformer of Tetra(4-hydroxyphenyl)calix[4]resorcinarene to the Corresponding Tetraalkyl Ether. <i>Molecules</i> , 2017, 22, 1660.	1.7	20
10	Characterising <i>Mycobacterium tuberculosis</i> Rv1510c protein and determining its sequences that specifically bind to two target cell lines. <i>Biochemical and Biophysical Research Communications</i> , 2005, 332, 771-781.	1.0	18
11	Aminomethylated Calix[4]resorcinarenes as Modifying Agents for Glycidyl Methacrylate (GMA) Rigid Copolymers Surface. <i>Polymers</i> , 2019, 11, 1147.	2.0	17
12	The tetrameric peptide LfcinB (20 ^{â€“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
13	<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
14	Changing ABRA protein peptide to fit into the HLA-DR ¹ *0301 molecule renders it protection-inducing. <i>Biochemical and Biophysical Research Communications</i> , 2004, 322, 119-125.	1.0	15
15	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
16	Fluorescent isotope ^{â€“} coded affinity tag 2: Peptide labeling and affinity capture. <i>Electrophoresis</i> , 2009, 30, 1111-1118.	1.3	12
17	Two L1-peptides are excellent tools for serological detection of HPV-associated cervical carcinoma lesions. <i>Biochemical and Biophysical Research Communications</i> , 2005, 332, 224-232.	1.0	10
18	Analysis of alpha ^{â€“} acid glycoprotein isoforms using ^{â€“} CE ^{â€“} with fluorescent thiol derivatization. <i>Electrophoresis</i> , 2012, 33, 1113-1119.	1.3	9

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19	Palindromic Peptide LfcinB (21â€²5) Pal Exhibited Antifungal Activity against Multidrugâ€²Resistant <i>Candida</i> . <i>ChemistrySelect</i> , 2020, 5, 7236-7242.	0.7	9
20	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
21	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
22	Fluorescent isotope-coded affinity tag (FCAT) I: Design and synthesis. <i>Bioorganic Chemistry</i> , 2008, 36, 299-311.	2.0	8
23	Short peptides conjugated to non-peptidic motifs exhibit antibacterial activity. <i>RSC Advances</i> , 2020, 10, 29580-29586.	1.7	8
24	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
25	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
26	Analysis by RP-HPLC and Purification by RP-SPE of the C-Tetra(p-hydroxyphenyl)resorcinolarene Crown and Chair Stereoisomers. <i>Journal of Analytical Methods in Chemistry</i> , 2019, 2019, 1-6.	0.7	7
27	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
28	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
29	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
30	Novel Synthesis of N-Glycosyl Amino Acids Using T3Pâ€²: Propylphosphonic Acid Cyclic Anhydride as Coupling Reagent. <i>International Journal of Peptide Research and Therapeutics</i> , 2018, 24, 291-298.	0.9	5
31	Surface Modification of Poly(GMA-co-EDMA-co-MMA) with Resorcarenes. <i>Journal of the Brazilian Chemical Society</i> , 2018, , .	0.6	5
32	Omics in the detection and identification of biosynthetic pathways related to mycotoxin synthesis. <i>Analytical Methods</i> , 2021, 13, 4038-4054.	1.3	5
33	Designing Chimeric Peptides: A Powerful Tool for Enhancing Antibacterial Activity. <i>Chemistry and Biodiversity</i> , 2021, 18, e2000885.	1.0	5
34	The Nonapeptide RWQWRWQWR: A Promising Molecule for Breast Cancer Therapy. <i>ChemistrySelect</i> , 2020, 5, 9691-9700.	0.7	4
35	Obtaining an immunoaffinity monolithic material: poly(GMA-co-EDMA) functionalized with an HPV-derived peptide using a thiolâ€²maleimide reaction. <i>RSC Advances</i> , 2021, 11, 4247-4255.	1.7	3
36	Capillary Electrophoresis with Laser-Induced Fluorescence Detection of Proteins from Two Types of Complex Sample Matrices: Food and Biological Fluids. <i>Methods in Molecular Biology</i> , 2013, 984, 207-225.	0.4	2

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37	Designing Short Peptides: A Sisyphean Task?. <i>Current Organic Chemistry</i> , 2020, 24, 2448-2474.	0.9	2
38	Stable Isotope Coded Labeling Reagents For Quantitative Proteomics. <i>Current Organic Chemistry</i> , 2008, 12, 424-440.	0.9	1
39	Synthesis of Glucosyl Amino Acid Derivatives for Obtaining N-Glucopeptides via SPPS: Optimization of the Synthetic Route**. <i>ChemistrySelect</i> , 2021, 6, 4083-4088.	0.7	1
40	Regulación de la actividad enzimática de la NMNAT de <i>Leishmania braziliensis</i> por péptidos representativos de su extremo N-terminal. <i>Revista Colombiana De Química</i> , 2021, 50, 13-19.	0.2	0