Zuly Rivera-Monroy

List of Publications by Year
in descending order

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40 papers	492 citations	623574 14 h-index	752573 20 g-index
40 all docs	40 docs citations	40 times ranked	453 citing authors

#	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. Arabian Journal of Chemistry, 2022, 15, 103998.	2.3	9
2	Omics in the detection and identification of biosynthetic pathways related to mycotoxin synthesis. Analytical Methods, 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 thiolâ€“maleimide reaction. RSC Advances, 2021, 11, 4247-4255.	1.7	3
4	RegulaciÃ³n de la actividad enzimÃ¡tica de la NMNAT de Leishmania braziliensis por pÃ©ptidos representativos de su extremo N-terminal. Revista Colombiana De Quimica, 2021, 50, 13-19.	0.2	0
5	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
6	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
7	Designing Chimeric Peptides: A Powerful Tool for Enhancing Antibacterial Activity. Chemistry and Biodiversity, 2021, 18, e2000885.	1.0	5
8	Short peptides conjugated to non-peptidic motifs exhibit antibacterial activity. RSC Advances, 2020, 10, 29580-29586.	1.7	8
9	Palindromic Peptide LfcinB (21â€25)_{Pal} Exhibited Antifungal Activity against Multidrugâ€Resistant Candida. ChemistrySelect, 2020, 5, 7236-7242.	0.7	9
10	The Nonapeptide RWQWRWQWR: A Promising Molecule for Breast Cancer Therapy. ChemistrySelect, 2020, 5, 9691-9700.	0.7	4
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	Shorter Antibacterial Peptide Having High Selectivity for E. coli Membranes and Low Potential for Inducing Resistance. Microorganisms, 2020, 8, 867.	1.6	7
13	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
14	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
15	Designing Short Peptides: A Sisyphean Task?. Current Organic Chemistry, 2020, 24, 2448-2474.	0.9	2
16	Aminomethylated Calix[4]resorcinarenes as Modifying Agents for Glycidyl Methacrylate (GMA) Rigid Copolymers Surface. Polymers, 2019, 11, 1147.	2.0	17
17	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
18	Pullulan nanofibers containing the antimicrobial palindromic peptide LfcinB (21â€“25)_{Pal}obtainedviaelectrospinning. RSC Advances, 2019, 9, 20432-20438.	1.7	25

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19	Analysis by RP-HPLC and Purification by RP-SPE of the C-Tetra(p-hydroxyphenyl)resorcinolarene Crown and Chair Stereoisomers. Journal of Analytical Methods in Chemistry, 2019, 2019, 1-6.	0.7	7
20	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
21	Synthetic Peptide Purification via Solid-Phase Extraction with Gradient Elution: A Simple, Economical, Fast, and Efficient Methodology. Molecules, 2019, 24, 1215.	1.7	28
22	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
23	Surface Modification of Poly(GMA-co-EDMA-co-MMA) with Resorcarenes. Journal of the Brazilian Chemical Society, 2018, , .	0.6	5
24	Crystal structure and dynamic NMR studies of octaacetyl-tetra(propyl)calix[4]resorcinarene. Journal of Molecular Structure, 2017, 1137, 380-386.	1.8	23
25	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
26	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
27	Selective O-Alkylation of the Crown Conformer of Tetra(4-hydroxyphenyl)calix[4]resorcinarene to the Corresponding Tetraalkyl Ether. Molecules, 2017, 22, 1660.	1.7	20
28	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
29	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
30	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
31	Capillary Electrophoresis with Laser-Induced Fluorescence Detection of Proteins from Two Types of Complex Sample Matrices: Food and Biological Fluids. Methods in Molecular Biology, 2013, 984, 207-225.	0.4	2
32	Analysis of alphaâ€1â€acid glycoprotein isoforms using <scp>CE</scp>â€<scp>LIF</scp> with fluorescent thiol derivatization. Electrophoresis, 2012, 33, 1113-1119.	1.3	9
33	Fluorescent isotopeâ€coded affinity tag 2: Peptide labeling and affinity capture. Electrophoresis, 2009, 30, 1111-1118.	1.3	12
34	Fluorescent isotope-coded affinity tag (FCAT) I: Design and synthesis. Bioorganic Chemistry, 2008, 36, 299-311.	2.0	8
35	Stable Isotope Coded Labeling Reagents For Quantitative Proteomics. Current Organic Chemistry, 2008, 12, 424-440.	0.9	1
36	Two L1-peptides are excellent tools for serological detection of HPV-associated cervical carcinoma lesions. Biochemical and Biophysical Research Communications, 2005, 332, 224-232.	1.0	10

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37	Characterising Mycobacterium tuberculosis Rv1510c protein and determining its sequences that specifically bind to two target cell lines. Biochemical and Biophysical Research Communications, 2005, 332, 771-781.	1.0	18
38	Identifying Plasmodium falciparum merozoite surface protein-10 human erythrocyte specific binding regions. Biochimie, 2005, 87, 461-472.	1.3	21
39	Changing ABRA protein peptide to fit into the HLA-DRÎ²1*0301 molecule renders it protection-inducing. Biochemical and Biophysical Research Communications, 2004, 322, 119-125.	1.0	15
40	Plasmodium falciparum normocyte binding protein (PfNBP-1) peptides bind specifically to human erythrocytes. Peptides, 2003, 24, 1007-1014.	1.2	15