

Luis Ariel Espinosa

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 RBD-Tetanus Toxoid Conjugate Vaccine Induces a Strong Neutralizing Immunity in Preclinical Studies. <i>ACS Chemical Biology</i> , 2021, 16, 1223-1233.	1.6	57
2	Functional expression of a peritrophin A-like SfPER protein is required for larval development in <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae). <i>Scientific Reports</i> , 2019, 9, 2630.	1.6	20
3	A COVID-19 vaccine candidate composed of the SARS-CoV-2 RBD dimer and <i>Neisseria meningitidis</i> outer membrane vesicles. <i>RSC Chemical Biology</i> , 2022, 3, 242-249.	2.0	15
4	Theoretical study on binding interactions of laccase-enzyme from <i>Ganoderma weberianum</i> with multiples ligand substrates with environmental impact. <i>Annals of Proteomics and Bioinformatics</i> , 2019, 3, 001-009.	1.0	12
5	In-solution buffer-free digestion allows full-sequence coverage and complete characterization of post-translational modifications of the receptor-binding domain of SARS-CoV-2 in a single ESI-MS spectrum. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 7559-7585.	1.9	11
6	Protein content of the <i>Hylesia metabus</i> egg nest setae (Cramer [1775]) (Lepidoptera: Saturniidae) and its association with the parental investment for the reproductive success and lepidopterism. <i>Journal of Proteomics</i> , 2017, 150, 183-200.	1.2	9
7	Characterization of low abundance species in the active pharmaceutical ingredient of CIGB300: A clinical-grade anticancer synthetic peptide. <i>Journal of Peptide Science</i> , 2018, 24, e3081.	0.8	9
8	[¹⁸ F]Amylovis as a Potential PET Probe for β -Amyloid Plaque: Synthesis, In Silico, In vitro and In vivo Evaluations. <i>Current Radiopharmaceuticals</i> , 2019, 12, 58-71.	0.3	7
9	Targeting the hydrophilic regions of recombinant proteins by MS via in-solution buffer-free trypsin digestion. <i>European Journal of Mass Spectrometry</i> , 2020, 26, 230-237.	0.5	7
10	A new naphthalene derivative with anti-amyloidogenic activity as potential therapeutic agent for Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115700.	1.4	6
11	Chimeric Antigen by the Fusion of SARS-CoV-2 Receptor Binding Domain with the Extracellular Domain of Human CD154: A Promising Improved Vaccine Candidate. <i>Vaccines</i> , 2022, 10, 897.	2.1	5
12	FAIMS-MS might contribute to phosphopeptides identification in plasma. <i>Journal of Proteomics</i> , 2021, 234, 104102.	1.2	3
13	Synthesis, LC-MS/MS analysis, and biological evaluation of two vaccine candidates against ticks based on the antigenic PO peptide from <i>R. sanguineus</i> linked to the p64K carrier protein from <i>Neisseria meningitidis</i> . <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 5885-5900.	1.9	3
14	Mass spectrometric and kinetics characterization of modified species of Growth Hormone Releasing Hexapeptide generated under thermal stress in different pH and buffers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 194, 113776.	1.4	1