JosÃ© Fernando OÃ±ate-GarzÃ³n

List of Publications by Year
in descending order

24 papers	416 citations	840776 11 h-index	752698 20 g-index
25 all docs	25 docs citations	25 times ranked	664 citing authors

#	Article	IF	Citations
1	Development, Characterization, and Antimicrobial Evaluation of Ampicillin-Loaded Nanoparticles Based on Poly(maleic acid-co-vinylpyrrolidone) on Resistant Staphylococcus aureus Strains. Molecules, 2022, 27, 2943.	3.8	1
2	Integrating In Vitro and In Silico Analysis of a Cationic Antimicrobial Peptide Interaction with Model Membranes of Colistin-Resistant Pseudomonas aeruginosa Strains. Pharmaceutics, 2022, 14, 1248.	4.5	6
3	Validation by Molecular Dynamics of the Major Components of Sugarcane Vinasse, On a Surface of Calcium Carbonate (Calcite). Molecules, 2021, 26, 2353.	3.8	2
4	In Silico Selection and Evaluation of Pugnins with Antibacterial and Anticancer Activity Using Skin Transcriptome of Treefrog (Boana pugnax). Pharmaceutics, 2021, 13, 578.	4.5	3
5	A Study of the Interaction of a New Benzimidazole Schiff Base with Synthetic and Simulated Membrane Models of Bacterial and Mammalian Membranes. Membranes, 2021, 11, 449.	3.0	6
6	In Vitro Evaluation of the Potential Pharmacological Activity and Molecular Targets of New Benzimidazole-Based Schiff Base Metal Complexes. Antibiotics, 2021, 10, 728.	3.7	32
7	In Silico Characterization of the Interaction between the PBP2a â€œDecoyâ€•Protein of Resistant Staphylococcus aureus and the Monomeric Units of Eudragit E-100 and Poly(Maleic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 49	4.5	8
8	Antimicrobial Contribution of Chitosan Surface-Modified Nanoliposomes Combined with Colistin against Sensitive and Colistin-Resistant Clinical Pseudomonas aeruginosa. Pharmaceutics, 2021, 13, 41.	4.5	8
9	Development of Antioxidant-Loaded Nanoliposomes Employing Lecithins with Different Purity Grades. Molecules, 2020, 25, 5344.	3.8	9
10	In Silico Discovery of Antimicrobial Peptides as an Alternative to Control SARS-CoV-2. Molecules, 2020, 25, 5535.	3.8	21
11	Synthesis, biological evaluation and model membrane studies on metal complexes containing aromatic N,O-chelate ligands. Heliyon, 2020, 6, e04126.	3.2	8
12	Peptides with Dual Antimicrobialâ€“Anticancer Activity: Strategies to Overcome Peptide Limitations and Rational Design of Anticancer Peptides. Molecules, 2020, 25, 4245.	3.8	49
13	Antibacterial Activity of a Cationic Antimicrobial Peptide against Multidrug-Resistant Gram-Negative Clinical Isolates and Their Potential Molecular Targets. Molecules, 2020, 25, 5035.	3.8	10
14	Relationship between the Ionization Degree and the Inter-Polymeric Aggregation of the Poly(maleic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.5	5
15	A Novel Cecropin D-Derived Short Cationic Antimicrobial Peptide Exhibits Antibacterial Activity Against Wild-Type and Multidrug-Resistant Strains of Klebsiella pneumoniae and Pseudomonas aeruginosa. Evolutionary Bioinformatics, 2020, 16, 117693432093626.	1.2	8
16	Development of Polyelectrolyte Complex Nanoparticles-PECNs Loaded with Ampicillin by Means of Polyelectrolyte Complexation and Ultra-High Pressure Homogenization (UHPH). Polymers, 2020, 12, 1168.	4.5	17
17	Studies on the Interaction of Alyteserin 1c Peptide and Its Cationic Analogue with Model Membranes Imitating Mammalian and Bacterial Membranes. Biomolecules, 2019, 9, 527.	4.0	11
18	Decrease of Antimicrobial Resistance through Polyelectrolyte-Coated Nanoliposomes Loaded with Î²-Lactam Drug. Pharmaceuticals, 2019, 12, 1.	3.8	56

#	Article	IF	Citations
19	Evaluation of the Antimicrobial Activity of Cationic Peptides Loaded in Surface-Modified Nanoliposomes against Foodborne Bacteria. International Journal of Molecular Sciences, 2019, 20, 680.	4.1	47
20	Synthesis, Characterisation and Biological Evaluation of Ampicillinâ€“Chitosanâ€“Polyanion Nanoparticles Produced by Ionic Gelation and Polyelectrolyte Complexation Assisted by High-Intensity Sonication. Polymers, 2019, 11, 1758.	4.5	23
21	Increases in Hydrophilicity and Charge on the Polar Face of Alyteserin 1c Helix Change its Selectivity towards Gram-Positive Bacteria. Antibiotics, 2019, 8, 238.	3.7	31
22	Antimicrobial activity and interactions of cationic peptides derived from Galleria mellonella cecropin D-like peptide with model membranes. Journal of Antibiotics, 2017, 70, 238-245.	2.0	40
23	The increase in positively charged residues in cecropin D-like Galleria mellonella favors its interaction with membrane models that imitate bacterial membranes. Archives of Biochemistry and Biophysics, 2017, 629, 54-62.	3.0	15
24	Actividad antimicrobiana de pÃ©ptidos catiÃ³nicos diseÃ±ados a partir de un pÃ©ptido neutro. Acta Biologica Colombiana, 2017, 22, 35.	0.4	4