Constain Hugo Salamanca Mejia

List of Publications by Year
in descending order

36 papers	620 citations	623188 14 h-index	610482 24 g-index
38 all docs	38 docs citations	38 times ranked	999 citing authors

#	Article	IF	Citations
1	Franz Diffusion Cell Approach for Pre-Formulation Characterisation of Ketoprofen Semi-Solid Dosage Forms. Pharmaceutics, 2018, 10, 148.	2.0	98
2	Decrease of Antimicrobial Resistance through Polyelectrolyte-Coated Nanoliposomes Loaded with Î²-Lactam Drug. Pharmaceuticals, 2019, 12, 1.	1.7	56
3	Evaluation of the Antimicrobial Activity of Cationic Peptides Loaded in Surface-Modified Nanoliposomes against Foodborne Bacteria. International Journal of Molecular Sciences, 2019, 20, 680.	1.8	47
4	Lecithins from Vegetable, Land, and Marine Animal Sources and Their Potential Applications for Cosmetic, Food, and Pharmaceutical Sectors. Cosmetics, 2020, 7, 87.	1.5	36
5	Relationship between Surface Properties and In Vitro Drug Release from a Compressed Matrix Containing an Amphiphilic Polymer Material. Pharmaceuticals, 2016, 9, 34.	1.7	33
6	Increases in Hydrophilicity and Charge on the Polar Face of Alyteserin 1c Helix Change its Selectivity towards Gram-Positive Bacteria. Antibiotics, 2019, 8, 238.	1.5	31
7	Relationship between Degree of Polymeric Ionisation and Hydrolytic Degradation of EudragitÂ® E Polymers under Extreme Acid Conditions. Polymers, 2019, 11, 1010.	2.0	28
8	Production and Characterization of Chitosanâ€“Polyanion Nanoparticles by Polyelectrolyte Complexation Assisted by High-Intensity Sonication for the Modified Release of Methotrexate. Pharmaceuticals, 2020, 13, 11.	1.7	28
9	Natural gum-type biopolymers as potential modified nonpolar drug release systems. Carbohydrate Polymers, 2018, 189, 31-38.	5.1	25
10	Production, physicochemical characterization, and anticancer activity of methotrexate-loaded phytic acid-chitosan nanoparticles on HT-29 human colon adenocarcinoma cells. Carbohydrate Polymers, 2020, 243, 116436.	5.1	24
11	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.	2.0	23
12	Improvement of the physical stability of oil-in-water nanoemulsions elaborated with Sacha inchi oil employing ultra-high-pressure homogenization. Journal of Food Engineering, 2020, 273, 109801.	2.7	18
13	Application of Nanoparticle Technology to Reduce the Anti-Microbial Resistance through Î²-Lactam Antibiotic-Polymer Inclusion Nano-Complex. Pharmaceuticals, 2018, 11, 19.	1.7	17
14	Development of Polyelectrolyte Complex Nanoparticles-PECNs Loaded with Ampicillin by Means of Polyelectrolyte Complexation and Ultra-High Pressure Homogenization (UHPH). Polymers, 2020, 12, 1168.	2.0	17
15	Relationship between Surface Properties and In Vitro Drug Release from Compressed Matrix Containing Polymeric Materials with Different Hydrophobicity Degrees. Pharmaceuticals, 2017, 10, 15.	1.7	14
16	HYDROPHOBICALLY MODIFIED POLYELECTROLYTES AS POTENTIAL DRUGS RESERVOIRS OF N-ALKYL-NITROIMIDAZOLES. Journal of the Chilean Chemical Society, 2007, 52, .	0.5	14
17	An Evaluation of the Physicochemical Properties of Stabilized Oil-In-Water Emulsions Using Different Cationic Surfactant Blends for Potential Use in the Cosmetic Industry. Cosmetics, 2019, 6, 12.	1.5	11
18	Physicochemical characterization of in situ drug-polymer nanocomplex formed between zwitterionic drug and ionomeric material in aqueous solution. Materials Science and Engineering C, 2017, 72, 405-414.	3.8	10

#	Article	IF	Citations
19	Development of Antioxidant-Loaded Nanoliposomes Employing Lecithins with Different Purity Grades. Molecules, 2020, 25, 5344.	1.7	9
20	Antimicrobial Contribution of Chitosan Surface-Modified Nanoliposomes Combined with Colistin against Sensitive and Colistin-Resistant Clinical Pseudomonas aeruginosa. Pharmaceutics, 2021, 13, 41.	2.0	8
21	Pre-formulation studies for water-dispersible powdered beverages using contact angles and wetting properties. Powder Technology, 2019, 353, 302-310.	2.1	7
22	Glycerolipid Composition and Advanced Physicochemical Considerations of Sacha Inchi Oil toward Cosmetic Products Formulation. Cosmetics, 2019, 6, 70.	1.5	7
23	Solid Lipid Nanoparticles (SLNs) with Potential as Cosmetic Hair Formulations Made from Otoba Wax and Ultrahigh Pressure Homogenization. Cosmetics, 2020, 7, 42.	1.5	7
24	Partial molar volume of anionic polyelectrolytes in aqueous solution. Journal of Colloid and Interface Science, 2007, 309, 435-439.	5.0	6
25	Relationship between the Polymeric Ionization Degree and Powder and Surface Properties in Materials Derived from Poly(maleic anhydride-alt-octadecene). Molecules, 2018, 23, 320.	1.7	6
26	Study of In Vitro and In Vivo Carbamazepine Release from Coarse and Nanometric Pharmaceutical Emulsions Obtained via Ultra-High-Pressure Homogenization. Pharmaceuticals, 2020, 13, 53.	1.7	6
27	Design of Prototype Formulations for In Vitro Dermal Delivery of the Natural Antioxidant Ferulic Acid Based on Ethosomal Colloidal Systems. Cosmetics, 2019, 6, 5.	1.5	5
28	Production and Characterization of Glutathione-Chitosan Conjugate Films as Systems for Localized Release of Methotrexate. Polymers, 2019, 11, 2032.	2.0	5
29	Relationship between the Ionization Degree and the Inter-Polymeric Aggregation of the Poly(maleic) Tj ETQq1 1 0.784314 rgBT /Overlo	2.0	5
30	Coffee Consumption and Its Inverse Relationship with Gastric Cancer: An Ecological Study. Nutrients, 2020, 12, 3028.	1.7	4
31	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 50 257	2.0	4
32	Preparation, Characterization and Rheological Behavior of Glutathione-Chitosan Conjugates in Aqueous Media. Applied Rheology, 2019, 29, 105-116.	3.5	4
33	Rabbit Ear Membranes as an Interesting Alternative for Permeability Tests in the Preformulation Stages of Cosmetic Products. Cosmetics, 2020, 7, 35.	1.5	2
34	Freeze-drying: perceptions and challenges for drying foodstuffs and plant extracts. Vitae, 2015, 22, .	0.2	1
35	Effect of the Surface Hydrophobicity Degree on the In Vitro Release of Polar and Non-Polar Drugs from Polyelectrolyte Matrix Tablets. Polymers, 2018, 10, 1313.	2.0	1
36	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.	1.7	1