GermÃ¡n A Islan

List of Publications by Year
in descending order

44 papers	1,216 citations	361413 20 h-index	377865 34 g-index
44 all docs	44 docs citations	44 times ranked	1893 citing authors

#	Article	IF	Citations
1	Design, characterization and in vitro evaluation of linalool-loaded solid lipid nanoparticles as potent tool in cancer therapy. Colloids and Surfaces B: Biointerfaces, 2017, 154, 123-132.	5.0	94
2	Chitosan-bacterial cellulose patch of ciprofloxacin for wound dressing: Preparation and characterization studies. International Journal of Biological Macromolecules, 2020, 147, 1136-1145.	7.5	91
3	Smart lipid nanoparticles containing levofloxacin and DNase for lung delivery. Design and characterization. Colloids and Surfaces B: Biointerfaces, 2016, 143, 168-176.	5.0	83
4	Novel Biopolymer Matrices for Microencapsulation of Phages: Enhanced Protection Against Acidity and Protease Activity. Macromolecular Bioscience, 2012, 12, 1200-1208.	4.1	79
5	Carbamazepine-loaded solid lipid nanoparticles and nanostructured lipid carriers: Physicochemical characterization and in vitro/in vivo evaluation. Colloids and Surfaces B: Biointerfaces, 2018, 167, 73-81.	5.0	63
6	Bacterial cellulose hydrogel loaded with lipid nanoparticles for localized cancer treatment. Colloids and Surfaces B: Biointerfaces, 2018, 170, 596-608.	5.0	63
7	Nanodevices for the immobilization of therapeutic enzymes. Critical Reviews in Biotechnology, 2015, 36, 1-18.	9.0	54
8	Nanopharmaceuticals as a solution to neglected diseases: Is it possible?. Acta Tropica, 2017, 170, 16-42.	2.0	51
9	Development of biopolymer nanocomposite for silver nanoparticles and Ciprofloxacin controlled release. International Journal of Biological Macromolecules, 2015, 72, 740-750.	7.5	49
10	Alginate Lyase and Ciprofloxacin Co-Immobilization on Biopolymeric Microspheres for Cystic Fibrosis Treatment. Macromolecular Bioscience, 2013, 13, 1238-1248.	4.1	48
11	Hybrid Ofloxacin/eugenol co-loaded solid lipid nanoparticles with enhanced and targetable antimicrobial properties. International Journal of Pharmaceutics, 2019, 569, 118575.	5.2	46
12	Studies of Ciprofloxacin Encapsulation on Alginate/Pectin Matrixes and Its Relationship with Biodisponibility. Applied Biochemistry and Biotechnology, 2012, 167, 1408-1420.	2.9	44
13	Hybrid bacterial celluloseâ€“pectin films for delivery of bioactive molecules. New Journal of Chemistry, 2018, 42, 7457-7467.	2.8	42
14	Kefiran-alginate gel microspheres for oral delivery of ciprofloxacin. Colloids and Surfaces B: Biointerfaces, 2016, 145, 706-715.	5.0	38
15	Formation and characterization of self-assembled bovine serum albumin nanoparticles as chrysin delivery systems. Colloids and Surfaces B: Biointerfaces, 2019, 173, 43-51.	5.0	34
16	Development and characterization of new enzymatic modified hybrid calcium carbonate microparticles to obtain nano-architectured surfaces for enhanced drug loading. Journal of Colloid and Interface Science, 2015, 439, 76-87.	9.4	29
17	Design of nalidixic acidâ€‘vanadium complex loaded into chitosan hybrid nanoparticles as smart strategy to inhibit bacterial growth and quorum sensing. International Journal of Biological Macromolecules, 2020, 161, 1568-1580.	7.5	25
18	Characterization of smart auto-degradative hydrogel matrix containing alginate lyase to enhance levofloxacin delivery against bacterial biofilms. International Journal of Pharmaceutics, 2015, 496, 953-964.	5.2	24

#	Article	IF	Citations
19	Optimization of culture conditions for kefiran production in whey: The structural and biocidal properties of the resulting polysaccharide. Bioactive Carbohydrates and Dietary Fibre, 2018, 16, 14-21.	2.7	24
20	Tailoring of alginateâ€“gelatin microspheres properties for oral Ciprofloxacin-controlled release againstPseudomonas aeruginosa. Drug Delivery, 2014, 21, 615-626.	5.7	23
21	Characterization and Stability Analysis of Biopolymeric Matrices Designed for Phage-Controlled Release. Applied Biochemistry and Biotechnology, 2014, 174, 2031-2047.	2.9	19
22	Assessment of in vitro cytotoxicity of imidazole ionic liquids and inclusion in targeted drug carriers containing violacein. RSC Advances, 2020, 10, 29336-29346.	3.6	19
23	Immobilized Enzymes and Their Applications. , 2019, , 169-200.		18
24	Interaction of Solid Lipid Nanoparticles and Specific Proteins of the Corona Studied by Surface Plasmon Resonance. Journal of Nanomaterials, 2017, 2017, 1-11.	2.7	17
25	Silybin-conjugated gold nanoparticles for antimicrobial chemotherapy against Gram-negative bacteria. Journal of Drug Delivery Science and Technology, 2019, 53, 101181.	3.0	15
26	Development and Tailoring of Hybrid Lipid Nanocarriers. Current Pharmaceutical Design, 2018, 23, 6643-6658.	1.9	15
27	Simple colorimetric method to determine the in vitro antioxidant activity of different monoterpenes. Analytical Biochemistry, 2018, 555, 59-66.	2.4	14
28	Design of magnetic hybrid nanostructured lipid carriers containing 1,8-cineole as delivery systems for anticancer drugs: Physicochemical and cytotoxic studies. Colloids and Surfaces B: Biointerfaces, 2021, 202, 111710.	5.0	13
29	In situ Formed Implants, Based on PLGA and Eudragit Blends, for Novel Florfenicol Controlled Release Formulations. Journal of Pharmaceutical Sciences, 2021, 110, 1270-1278.	3.3	12
30	Encapsulation of florfenicol by in situ crystallization into novel alginate-Eudragit RSÂ® blended matrix for pH modulated release. Journal of Drug Delivery Science and Technology, 2019, 54, 101241.	3.0	11
31	Enzymes and biopolymers. The opportunity for the smart design of molecular delivery systems. Bioresource Technology, 2021, 322, 124546.	9.6	9
32	Nanostability. Nanomedicine and Nanotoxicology, 2014, , 57-95.	0.2	8
33	Binary Medical Nanofluids by Combination of Polymeric Eudragit Nanoparticles for Vehiculization of Tobramycin and Resveratrol: Antimicrobial, Hemotoxicity and Protein Corona Studies. Journal of Pharmaceutical Sciences, 2021, 110, 1739-1748.	3.3	7
34	An analysis of the microencapsulation of ceftiofur in chitosan particles using the spray drying technology. Carbohydrate Polymers, 2020, 234, 115922.	10.2	6
35	Preparation, physicochemical and biopharmaceutical characterization of oxcarbazepine-loaded nanostructured lipid carriers as potential antiepileptic devices. Journal of Drug Delivery Science and Technology, 2021, 63, 102470.	3.0	6
36	Improving ciprofloxacin antimicrobial activity through lipid nanoencapsulation or non-thermal plasma on Pseudomonas aeruginosa biofilms. Journal of Drug Delivery Science and Technology, 2021, 64, 102644.	3.0	5

#	Article	IF	Citations
37	Nanobiotechnology Solutions againstAedes aegypti. Journal of the Brazilian Chemical Society, 2016, , .	0.6	4
38	Consequences of cystic fibrosis transmembrane regulator mutations on inflammatory cells. Pulmonary and Critical Care Medicine, 2016, 1, 39-51.	0.2	4
39	Advances in Smart Nanopreparations for Oral Drug Delivery. , 2016, , 479-521.		3
40	Nanotechnology and Drug Delivery. , 2018, , 135-165.		3
41	Effect of Î±-tocopherol on the physicochemical, antioxidant and antibacterial properties of levofloxacin loaded hybrid lipid nanocarriers. New Journal of Chemistry, 2021, 45, 1029-1042.	2.8	3
42	Silver Nanoparticles for Treatment of Neglected Diseases. , 2017, , 39-51.		1
43	Nanoparticle Formulations and Delivery Strategies for Sustained Drug Release in the Lungs. , 2021, , 273-300.		0
44	Study of antimycobacterial, cytotoxic, and mutagenic potential of polymeric nanoparticles of copper (II) complex. Journal of Microencapsulation, 2022, 39, 61-71.	2.8	0