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	Study of antimycobacterial, cytotoxic, and mutagenic potential of polymeric nanoparticles of copper (II) complex. Journal of Microencapsulation, 2022, 39, 61-71.	2.8	0
2	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
3	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
4	Nanoparticle Formulations and Delivery Strategies for Sustained Drug Release in the Lungs. , 2021, , 273-300.		0
5	Enzymes and biopolymers. The opportunity for the smart design of molecular delivery systems. Bioresource Technology, 2021, 322, 124546.	9.6	9
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	An analysis of the microencapsulation of ceftiofur in chitosan particles using the spray drying technology. Carbohydrate Polymers, 2020, 234, 115922.	10.2	6
14	Silybin-conjugated gold nanoparticles for antimicrobial chemotherapy against Gram-negative bacteria. Journal of Drug Delivery Science and Technology, 2019, 53, 101181.	3.0	15
15	Hybrid Ofloxacin/eugenol co-loaded solid lipid nanoparticles with enhanced and targetable antimicrobial properties. International Journal of Pharmaceutics, 2019, 569, 118575.	5.2	46
16	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
17	Immobilized Enzymes and Their Applications. , 2019, , 169-200.		18
18	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

#	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	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
21	Hybrid bacterial celluloseâ€"pectin films for delivery of bioactive molecules. New Journal of Chemistry, 2018, 42, 7457-7467.	2.8	42
22	Nanotechnology and Drug Delivery. , 2018, , 135-165.		3
23	Bacterial cellulose hydrogel loaded with lipid nanoparticles for localized cancer treatment. Colloids and Surfaces B: Biointerfaces, 2018, 170, 596-608.	5.0	63
24	Simple colorimetric method to determine the in vitro antioxidant activity of different monoterpenes. Analytical Biochemistry, 2018, 555, 59-66.	2.4	14
25	Development and Tailoring of Hybrid Lipid Nanocarriers. Current Pharmaceutical Design, 2018, 23, 6643-6658.	1.9	15
26	Nanopharmaceuticals as a solution to neglected diseases: Is it possible?. Acta Tropica, 2017, 170, 16-42.	2.0	51
27	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
28	Silver Nanoparticles for Treatment of Neglected Diseases. , 2017, , 39-51.		1
29	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
30	Nanobiotechnology Solutions againstAedes aegypti. Journal of the Brazilian Chemical Society, 2016, , .	0.6	4
31	Kefiran-alginate gel microspheres for oral delivery of ciprofloxacin. Colloids and Surfaces B: Biointerfaces, 2016, 145, 706-715.	5.0	38
32	Advances in Smart Nanopreparations for Oral Drug Delivery. , 2016, , 479-521.		3
33	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
34	Consequences of cystic fibrosis transmembrane regulator mutations on inflammatory cells. Pulmonary and Critical Care Medicine, 2016, 1, 39-51.	0.2	4
35	Nanodevices for the immobilization of therapeutic enzymes. Critical Reviews in Biotechnology, 2015, 36, 1-18.	9.0	54
36	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

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37	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
38	Development of biopolymer nanocomposite for silver nanoparticles and Ciprofloxacin controlled release. International Journal of Biological Macromolecules, 2015, 72, 740-750.	7.5	49
39	Characterization and Stability Analysis of Biopolymeric Matrices Designed for Phage-Controlled Release. Applied Biochemistry and Biotechnology, 2014, 174, 2031-2047.	2.9	19
40	Tailoring of alginateâ€"gelatin microspheres properties for oral Ciprofloxacin-controlled release againstPseudomonas aeruginosa. Drug Delivery, 2014, 21, 615-626.	5.7	23
41	Nanostability. Nanomedicine and Nanotoxicology, 2014, , 57-95.	0.2	8
42	Alginate Lyase and Ciprofloxacin Co-Immobilization on Biopolymeric Microspheres for Cystic Fibrosis Treatment. Macromolecular Bioscience, 2013, 13, 1238-1248.	4.1	48
43	Studies of Ciprofloxacin Encapsulation on Alginate/Pectin Matrixes and Its Relationship with Biodisponibility. Applied Biochemistry and Biotechnology, 2012, 167, 1408-1420.	2.9	44
44	Novel Biopolymer Matrices for Microencapsulation of Phages: Enhanced Protection Against Acidity and Protease Activity. Macromolecular Bioscience, 2012, 12, 1200-1208.	4.1	79