Luis JesÃºs Villarreal-GÃ³mez

List of Publications by Year
in descending order

30 papers	777 citations	623188 14 h-index	525886 27 g-index
33 all docs	33 docs citations	33 times ranked	1250 citing authors

#	Article	IF	Citations
1	Comparative Study of Polycaprolactone Electrospun Fibers and Casting Films Enriched with Carbon and Nitrogen Sources and Their Potential Use in Water Bioremediation. Membranes, 2022, 12, 327.	1.4	2
2	Cellular Responses to Nanomaterials with Biomedical Applications. Journal of Nanomaterials, 2022, 2022, 1-3.	1.5	0
3	Optimization of the Synthesis of Natural Polymeric Nanoparticles of Inulin Loaded with Quercetin: Characterization and Cytotoxicity Effect. Pharmaceutics, 2022, 14, 888.	2.0	9
4	Development, characterization, and inÂvitro assessment of multilayer mucoadhesive system containing dexamethasone sodium phosphate. International Journal of Polymeric Materials and Polymeric Biomaterials, 2021, 70, 1316-1328.	1.8	6
5	New Protein-Coated Silver Nanoparticles: Characterization, Antitumor and Amoebicidal Activity, Antiproliferative Selectivity, Genotoxicity, and Biocompatibility Evaluation. Pharmaceutics, 2021, 13, 65.	2.0	7
6	Application of Inverse Neural Networks for Optimal Pretension of Absorbable Mini Plate and Screw System. Applied Sciences (Switzerland), 2021, 11, 1350.	1.3	3
7	Antimicrobial Effect of Electrospun Nanofibers Loaded with Silver Nanoparticles: Influence of Ag Incorporation Method. Journal of Nanomaterials, 2021, 2021, 1-15.	1.5	18
8	Comparison of collagen characteristic from the skin and swim bladder of Gulf corvina (Cynoscion) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	21
9	Development, characterization, and in vitro evaluation of adhesive fibrous mat for mucosal propranolol delivery. E-Polymers, 2021, 22, 58-68.	1.3	6
10	An Artificial Neural Network Approach and a Data Augmentation Algorithm to Systematize the Diagnosis of Deep-Vein Thrombosis by Using Wellsâ€™ Criteria. Electronics (Switzerland), 2020, 9, 1810.	1.8	8
11	Bacterial Biofilm Formation Using PCL/Curcumin Electrospun Fibers and Its Potential Use for Biotechnological Applications. Materials, 2020, 13, 5556.	1.3	10
12	Electrospun Fibers and Sorbents as a Possible Basis for Effective Composite Wound Dressings. Micromachines, 2020, 11, 441.	1.4	22
13	Preparation and characterization of electrospun fibrous scaffolds of either PVA or PVP for fast release of sildenafil citrate. E-Polymers, 2020, 20, 746-758.	1.3	18
14	Mucoadhesive electrospun nanofibers for drug delivery systems: applications of polymers and the parametersâ€™ roles . International Journal of Nanomedicine, 2019, Volume 14, 5271-5285.	3.3	46
15	Drugs Loaded into Electrospun Polymeric Nanofibers for Delivery. Journal of Pharmacy and Pharmaceutical Sciences, 2019, 22, 313-331.	0.9	21
16	Antiproliferative and Antitumour Effect of Nongenotoxic Silver Nanoparticles on Melanoma Models. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-12.	1.9	36
17	Electrospun Nanofibers Applied to Dye Solar Sensitive Cells: A Review. Materials, 2019, 12, 3190.	1.3	22
18	Synthetic hydroxyapatite and its use in bioactive coatings. Journal of Applied Biomaterials and Functional Materials, 2019, 17, 228080001881746.	0.7	17

#	Article	IF	Citations
19	Polymeric advanced delivery systems for antineoplasic drugs: doxorubicin and 5-fluorouracil. E-Polymers, 2018, 18, 359-372.	1.3	13
20	Study of nanofiber scaffolds of PAA, PAA/CS, and PAA/ALG for its potential use in biotechnological applications. International Journal of Polymeric Materials and Polymeric Biomaterials, 2018, 67, 800-807.	1.8	12
21	A Summary of Electrospun Nanofibers as Drug Delivery System: Drugs Loaded and Biopolymers Used as Matrices. Current Drug Delivery, 2018, 15, 1360-1374.	0.8	222
22	Materiales reabsorbibles en el tratamiento de fracturas maxilofaciales pediÃ¡tricas. Revista De Ciencias TecnolÃ“gicas, 2018, 1, 1-7.	0.0	1
23	Fabrication of porous polymeric structures using a simple sonication technique for tissue engineering. Journal of Polymer Engineering, 2017, 37, 943-951.	0.6	7
24	Biosensors to Diagnose Chagas Disease: A Brief Review. Sensors, 2017, 17, 2629.	2.1	11
25	Biocompatibility Evaluation of Electrospun Scaffolds of Poly (L-Lactide) with Pure and Grafted Hydroxyapatite. Journal of the Mexican Chemical Society, 2017, 58, .	0.2	9
26	Electrospinning as a powerful technique for biomedical applications: a critically selected survey. Journal of Biomaterials Science, Polymer Edition, 2016, 27, 157-176.	1.9	118
27	Differential Expression of Adhesion-Related Proteins and MAPK Pathways Lead to Suitable Osteoblast Differentiation of Human Mesenchymal Stem Cells Subpopulations. Stem Cells and Development, 2015, 24, 2577-2590.	1.1	14
28	Targeted search for actinomycetes from nearshore and deep-sea marine sediments. FEMS Microbiology Ecology, 2013, 84, 510-518.	1.3	35
29	Antibacterial and anticancer activity of seaweeds and bacteria associated with their surface. Revista De Biologia Marina Y Oceanografia, 2010, 45, .	0.1	43
30	<i>In Vivo</i> Biocompatibility of Dental Scaffolds for Tissue Regeneration. Advanced Materials Research, 0, 976, 191-195.	0.3	9