Maximiano Prata Ribeiro

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/649686/publications.pdf

Version: 2024-02-01

36 papers	2,462 citations	471509 17 h-index	434195 31 g-index
38 all docs	38 docs citations	38 times ranked	3818 citing authors

#	Article	IF	Citations
1	Recent advances on antimicrobial wound dressing: A review. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 127, 130-141.	4.3	650
2	Electrospun polymeric nanofibres as wound dressings: A review. Colloids and Surfaces B: Biointerfaces, 2018, 169, 60-71.	5.0	272
3	Development of a new chitosan hydrogel for wound dressing. Wound Repair and Regeneration, 2009, 17, 817-824.	3.0	256
4	Thermoresponsive chitosanâ€“agarose hydrogel for skin regeneration. Carbohydrate Polymers, 2014, 111, 366-373.	10.2	226
5	Biocompatible Polyurea Dendrimers with pHâ€Dependent Fluorescence. Angewandte Chemie - International Edition, 2012, 51, 5162-5165.	13.8	153
6	Dextran-based hydrogel containing chitosan microparticles loaded with growth factors to be used in wound healing. Materials Science and Engineering C, 2013, 33, 2958-2966.	7.3	143
7	Electrospun Polycaprolactone/Aloe Vera_Chitosan Nanofibrous Asymmetric Membranes Aimed for Wound Healing Applications. Polymers, 2017, 9, 183.	4.5	141
8	Poly(vinyl alcohol)/chitosan asymmetrical membranes: Highly controlled morphology toward the ideal wound dressing. Journal of Membrane Science, 2014, 469, 262-271.	8.2	106
9	Synthesis and characterization of a photocrosslinkable chitosanâ€“gelatin hydrogel aimed for tissue regeneration. RSC Advances, 2015, 5, 63478-63488.	3.6	65
10	Xanthan Gumâ€“Konjac Glucomannan Blend Hydrogel for Wound Healing. Polymers, 2020, 12, 99.	4.5	60
11	Biochemical characterization of Nostoc sp. exopolysaccharides and evaluation of potential use in wound healing. Carbohydrate Polymers, 2021, 254, 117303.	10.2	47
12	Ocular injectable formulation assessment for oxidized dextran-based hydrogels. Acta Biomaterialia, 2009, 5, 1948-1955.	8.3	42
13	Anti-<i>Candida</i> Activity of a Chitosan Hydrogel: Mechanism of Action and Cytotoxicity Profile. Gynecologic and Obstetric Investigation, 2010, 70, 322-327.	1.6	42
14	Application of microalgae and microalgal bioactive compounds in skin regeneration. Algal Research, 2021, 58, 102395.	4.6	27
15	In Vivo High-Content Evaluation of Three-Dimensional Scaffolds Biocompatibility. Tissue Engineering - Part C: Methods, 2014, 20, 851-864.	2.1	26
16	New drug-eluting lenses to be applied as bandages after keratoprosthesis implantation. International Journal of Pharmaceutics, 2014, 477, 218-226.	5.2	20
17	Dual onâ€“off and offâ€“on switchable oligoaziridine biosensor. Biosensors and Bioelectronics, 2013, 39, 64-69.	10.1	19
18	R&D Collaboration, Competitiveness Development, and Open Innovation in R&D. Journal of Open Innovation: Technology, Market, and Complexity, 2020, 6, 116.	5.2	19

#	Article	IF	Citations
19	Thymus zygis Essential Oil: Phytochemical Characterization, Bioactivity Evaluation and Synergistic Effect with Antibiotics against Staphylococcus aureus. Antibiotics, 2022, 11, 146.	3.7	19
20	Solvent-Free Microwave Extraction of Thymus mastichina Essential Oil: Influence on Their Chemical Composition and on the Antioxidant and Antimicrobial Activities. Pharmaceuticals, 2021, 14, 709.	3.8	16
21	Thymus mastichina: Composition and Biological Properties with a Focus on Antimicrobial Activity. Pharmaceuticals, 2020, 13, 479.	3.8	14
22	Physicochemical fingerprinting of thermal waters of Beira Interior region of Portugal. Environmental Geochemistry and Health, 2017, 39, 483-496.	3.4	13
23	Innovation in Thermalism: An Example in Beira Interior Region of Portugal. , 2015, , 165-180.		11
24	Single-Step Self-Assembly of Zeinâ€“Honeyâ€“Chitosan Nanoparticles for Hydrophilic Drug Incorporation by Flash Nanoprecipitation. Pharmaceutics, 2022, 14, 920.	4.5	10
25	Isolation of Human Umbilical Arterial Smooth Muscle Cells (HUASMC). Journal of Visualized Experiments, 2010, , .	0.3	8
26	Engineering star-shaped lactic acid oligomers to develop novel functional adhesives. Journal of Materials Research, 2018, 33, 1463-1474.	2.6	7
27	Sildenafil Citrate Liposomes for Pulmonary Delivery by Ultrasonic Nebulization. Applied Sciences (Switzerland), 2018, 8, 1291.	2.5	6
28	Lyophilized tablets for focal delivery of fluconazole and itraconazole through vaginal mucosa, rational design and in vitro evaluation. European Journal of Pharmaceutical Sciences, 2018, 122, 144-151.	4.0	6
29	Lyoprotective Effects of Mannitol and Lactose Compared to Sucrose and Trehalose: Sildenafil Citrate Liposomes as a Case Study. Pharmaceutics, 2021, 13, 1164.	4.5	6
30	Oromucosal Alginate Films with Zein Nanoparticles as a Novel Delivery System for Digoxin. Pharmaceutics, 2021, 13, 2030.	4.5	5
31	Osmundea sp. macroalgal polysaccharide-based nanoparticles produced by flash nanocomplexation technique. International Journal of Biological Macromolecules, 2022, 204, 9-18.	7.5	5
32	Biomedical Applications of Biodegradable Polymers in Wound Care. , 2021, , 509-597.		2
33	Swelling Analysis of Thermal and Chemical Crosslinked Konjac Glucomannan/Gellan Gum Cardiac Patch. , 2021, , .		1
34	Postharvest quality of coated cherries cv. â€˜Smithâ€™ with alginate, chitosan and konjac glucomannan. Journal of Biotechnology, 2018, 280, S51.	3.8	0
35	Experimental Wound-Care Models: In Vitro/In Vivo Models and Recent Advances Based on Skin-on-a-Chip Models. , 2021, , 459-486.		0
36	Thermal Characterizacion of Konjac/Gellam Gum Hydrogels for Cardiac Patch. , 2021, , .		0