

Marco V Chaud

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

109
papers

2,425
citations

26
h-index

46
g-index

122
ext. papers

2,900
ext. citations

3.8
avg, IF

4.98
L-index

#	Paper	IF	Citations
109	Bacterial nanocellulose production and application: a 10-year overview. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 2063-72	5.7	231
108	Recent advances in electronic tongues. <i>Analyst, The</i> , 2010 , 135, 2481-95	5	197
107	Alternatives to overcoming bacterial resistances: State-of-the-art. <i>Microbiological Research</i> , 2016 , 191, 51-80	5.3	147
106	Colloidal carriers for ophthalmic drug delivery. <i>Current Drug Targets</i> , 2005 , 6, 363-71	3	116
105	Iron derivatives from casein hydrolysates as a potential source in the treatment of iron deficiency. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 871-7	5.7	102
104	Liposomes and micro/nanoparticles as colloidal carriers for nasal drug delivery. <i>Current Drug Delivery</i> , 2006 , 3, 275-85	3.2	81
103	Silver Nanoparticles-Composing Alginate/Gelatine Hydrogel Improves Wound Healing In Vivo. <i>Nanomaterials</i> , 2020 , 10,	5.4	79
102	Preparation and characterization of PEG-coated silica nanoparticles for oral insulin delivery. <i>International Journal of Pharmaceutics</i> , 2014 , 473, 627-35	6.5	79
101	Anti-inflammatory effect of lycopene on carrageenan-induced paw oedema and hepatic ischaemia-reperfusion in the rat. <i>British Journal of Nutrition</i> , 2009 , 102, 126-33	3.6	69
100	Sodium alginate-cross-linked polymyxin B sulphate-loaded solid lipid nanoparticles: Antibiotic resistance tests and HaCat and NIH/3T3 cell viability studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 129, 191-7	6	63
99	Solid lipid nanoparticles for hydrophilic biotech drugs: optimization and cell viability studies (Caco-2 & HEPG-2 cell lines). <i>European Journal of Medicinal Chemistry</i> , 2014 , 81, 28-34	6.8	58
98	Smart nanopackaging for the enhancement of food shelf life. <i>Environmental Chemistry Letters</i> , 2019 , 17, 277-290	13.3	54
97	Nanotoxicology and Nanosafety: Safety-By-Design and Testing at a Glance. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	53
96	In vitro evaluation of permeation, toxicity and effect of praziquantel-loaded solid lipid nanoparticles against <i>Schistosoma mansoni</i> as a strategy to improve efficacy of the schistosomiasis treatment. <i>International Journal of Pharmaceutics</i> , 2014 , 463, 31-7	6.5	53
95	Improvement of antischistosomal activity of praziquantel by incorporation into phosphatidylcholine-containing liposomes. <i>International Journal of Pharmaceutics</i> , 2005 , 295, 157-62	6.5	52
94	Antimicrobial activity of polymyxin-loaded solid lipid nanoparticles (PLX-SLN): Characterization of physicochemical properties and in vitro efficacy. <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 106, 177-184	5.1	42
93	Broadening the spectrum of small-molecule antibacterials by metallic nanoparticles to overcome microbial resistance. <i>International Journal of Pharmaceutics</i> , 2017 , 532, 139-148	6.5	39

92	Development and characterization of a cationic lipid nanocarrier as non-viral vector for gene therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2015 , 66, 78-82	5.1	35
91	Bacterial Nanocellulose Loaded with Bromelain: Assessment of Antimicrobial, Antioxidant and Physical-Chemical Properties. <i>Scientific Reports</i> , 2017 , 7, 18031	4.9	35
90	Chitosan/pvp-based mucoadhesive membranes as a promising delivery system of betamethasone-17-valerate for aphthous stomatitis. <i>Carbohydrate Polymers</i> , 2018 , 190, 339-345	10.3	33
89	Properties, Extraction Methods, and Delivery Systems for Curcumin as a Natural Source of Beneficial Health Effects. <i>Medicina (Lithuania)</i> , 2020 , 56,	3.1	30
88	Nanoemulsions and nanoparticles for non-melanoma skin cancer: effects of lipid materials. <i>Clinical and Translational Oncology</i> , 2013 , 15, 417-24	3.6	29
87	Development and characterization of a hydrogel containing silver sulfadiazine for antimicrobial topical applications. <i>Journal of Pharmaceutical Sciences</i> , 2015 , 104, 2241-54	3.9	27
86	Praziquantel-Solid Lipid Nanoparticles Produced by Supercritical Carbon Dioxide Extraction: Physicochemical Characterization, Release Profile, and Cytotoxicity. <i>Molecules</i> , 2019 , 24,	4.8	26
85	Development and in vitro evaluation of coated pellets containing chitosan to potential colonic drug delivery. <i>Carbohydrate Polymers</i> , 2013 , 91, 244-52	10.3	26
84	Nanostructured Lipid Carriers as a Strategy to Improve the In Vitro Schistosomiasis Activity of Praziquantel. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 761-72	1.3	26
83	Association of Silver Nanoparticles and Curcumin Solid Dispersion: Antimicrobial and Antioxidant Properties. <i>AAPS PharmSciTech</i> , 2018 , 19, 225-231	3.9	24
82	Flavonoid-Enriched Plant-Extract-Loaded Emulsion: A Novel Phytocosmetic Sunscreen Formulation with Antioxidant Properties. <i>Antioxidants</i> , 2019 , 8,	7.1	23
81	Essential oils as active ingredients of lipid nanocarriers for chemotherapeutic use. <i>Current Pharmaceutical Biotechnology</i> , 2015 , 16, 365-70	2.6	22
80	Biomimetic aqueous-core lipid nanoballoons integrating a multiple emulsion formulation: a suitable housing system for viable lytic bacteriophages. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 123, 478-85	6	21
79	Biosorption of pharmaceutical products by mushroom stem waste. <i>Chemosphere</i> , 2019 , 237, 124515	8.4	20
78	Hyaluronic acid behavior in oral administration and perspectives for nanotechnology-based formulations: A review. <i>Carbohydrate Polymers</i> , 2019 , 222, 115001	10.3	20
77	Spotlight on Biomimetic Systems Based on Lyotropic Liquid Crystal. <i>Molecules</i> , 2017 , 22,	4.8	20
76	Nanopesticides in Agriculture: Benefits and Challenge in Agricultural Productivity, Toxicological Risks to Human Health and Environment. <i>Toxics</i> , 2021 , 9,	4.7	20
75	Carbohydrate hydrogels with stabilized phage particles for bacterial biosensing: bacterium diffusion studies. <i>Applied Biochemistry and Biotechnology</i> , 2014 , 172, 1194-214	3.2	19

74	Structural and functional stabilization of phage particles in carbohydrate matrices for bacterial biosensing. <i>Enzyme and Microbial Technology</i> , 2013 , 53, 55-69	3.8	19
73	Applications of Natural, Semi-Synthetic, and Synthetic Polymers in Cosmetic Formulations. <i>Cosmetics</i> , 2020 , 7, 75	2.7	19
72	Bacterial nanocellulose membranes combined with nisin: a strategy to prevent microbial growth. <i>Cellulose</i> , 2018 , 25, 6681-6689	5.5	19
71	Solid dispersions with hydrogenated castor oil increase solubility, dissolution rate and intestinal absorption of praziquantel. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2010 , 46, 473-481	1.8	17
70	The intestinal permeation of didanosine from granules containing microspheres using the everted gut sac model. <i>Journal of Microencapsulation</i> , 2009 , 26, 523-8	3.4	17
69	Development of praziquantel-loaded PLGA nanoparticles and evaluation of intestinal permeation by the everted gut sac model. <i>Journal of Nanoscience and Nanotechnology</i> , 2006 , 6, 3057-61	1.3	16
68	In vitro drug permeation from chitosan pellets. <i>Carbohydrate Polymers</i> , 2012 , 87, 2526-2531	10.3	13
67	Effect of Polysaccharide Sources on the Physicochemical Properties of Bromelain-Chitosan Nanoparticles. <i>Polymers</i> , 2019 , 11,	4.5	12
66	Development of a buccal mucoadhesive film for fast dissolution: mathematical rationale, production and physicochemical characterization. <i>Drug Delivery</i> , 2014 , 21, 530-9	7	12
65	Study of pre-formulation and development of solid lipid nanoparticles containing perillyl alcohol. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 141, 767-774	4.1	12
64	Double membrane based on lidocaine-coated polymyxin-alginate nanoparticles for wound healing: In vitro characterization and in vivo tissue repair. <i>International Journal of Pharmaceutics</i> , 2020 , 591, 120001	6.5	12
63	Structural comparison, physicochemical properties, and in vitro release profile of curcumin-loaded lyotropic liquid crystalline nanoparticle: Influence of hydrotrope as interface stabilizers. <i>Journal of Molecular Liquids</i> , 2020 , 306, 112861	6	11
62	Porosity measurement of solid pharmaceutical dosage forms by gamma-ray transmission. <i>Applied Radiation and Isotopes</i> , 2010 , 68, 2223-8	1.7	11
61	Curcumin encapsulation in nanostructures for cancer therapy: A 10-year overview. <i>International Journal of Pharmaceutics</i> , 2021 , 604, 120534	6.5	11
60	Bromelain Loading and Release from a Hydrogel Formulated Using Alginate and Arabic Gum. <i>Planta Medica</i> , 2017 , 83, 870-876	3.1	10
59	Biomimetic dense lamellar scaffold based on a colloidal complex of the polyaniline (PANI) and biopolymers for electroactive and biomechanical stimulation of the myocardial. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 579, 123650	5.1	10
58	Characterization of PNIPAAm-co-AAm hydrogels for modified release of bromelain. <i>European Polymer Journal</i> , 2018 , 105, 48-54	5.2	10
57	Zidovudine-poly(L-lactic acid) solid dispersions with improved intestinal permeability prepared by supercritical antisolvent process. <i>Journal of Pharmaceutical Sciences</i> , 2015 , 104, 1691-700	3.9	9

56	Bilayer Mucoadhesive Buccal Film for Mucosal Ulcers Treatment: Development, Characterization, and Single Study Case. <i>Pharmaceutics</i> , 2020 , 12,	6.4	9
55	Enhancement of the Mechanical and Drug-Releasing Properties of Poloxamer 407 Hydrogels with Casein. <i>Pharmaceutical Research</i> , 2021 , 38, 515-522	4.5	9
54	PVA/anionic collagen membranes as drug carriers of ciprofloxacin hydrochloride with sustained antibacterial activity and potential use in the treatment of ulcerative keratitis. <i>Journal of Biomaterials Applications</i> , 2020 , 35, 301-312	2.9	8
53	Praziquantel-loaded solid lipid nanoparticles: Production, physicochemical characterization, release profile, cytotoxicity and in vitro activity against <i>Schistosoma mansoni</i> . <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 58, 101784	4.5	8
52	Solid dispersion of praziquantel enhanced solubility and improve the efficacy of the schistosomiasis treatment. <i>Journal of Drug Delivery Science and Technology</i> , 2018 , 45, 124-134	4.5	8
51	Scaffolds and tissue regeneration: An overview of the functional properties of selected organic tissues. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016 , 104, 1483-94	3.5	8
50	Development and Evaluation of Praziquantel Solid Dispersions in Sodium Starch Glycolate. <i>Tropical Journal of Pharmaceutical Research</i> , 2013 , 12,	0.8	8
49	LC Evaluation of Intestinal Transport of Praziquantel. <i>Chromatographia</i> , 2009 , 69, 213-217	2.1	8
48	Formulation and evaluation of thermoresponsive polymeric blend as a vaginal controlled delivery system. <i>Journal of Sol-Gel Science and Technology</i> , 2018 , 86, 536-552	2.3	7
47	Safety and efficacy of hydroxyapatite scaffold in the prevention of jaw osteonecrosis in vivo. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018 , 106, 1799-1808	3.5	7
46	Antimicrobial and antioxidant screening of curcumin and pyrocatechol in the prevention of biodiesel degradation: oxidative stability. <i>Biofuels</i> , 2016 , 7, 581-592	2	7
45	Crystalline Ethylene Oxide and Propylene Oxide Triblock Copolymer Solid Dispersion Enhance Solubility, Stability and Promoting Time- Controllable Release of Curcumin. <i>Recent Patents on Drug Delivery and Formulation</i> , 2018 , 12, 65-74	1.4	7
44	Hemodynamic effects of bupropion in anesthetized dogs. <i>European Journal of Pharmacology</i> , 2006 , 530, 124-7	5.3	7
43	In vivo absorption of didanosine formulated in pellets composed of chitosan microspheres. <i>In Vivo</i> , 2014 , 28, 1045-50	2.3	7
42	Nanopharmaceuticals for Eye Administration: Sterilization, Depyrogenation and Clinical Applications. <i>Biology</i> , 2020 , 9,	4.9	6
41	Nanostructure self-assembly for direct nose-to-brain drug delivery 2020 , 449-480		6
40	βCyclodextrin/Isopentyl Caffeaate Inclusion Complex: Synthesis, Characterization and Antileishmanial Activity. <i>Molecules</i> , 2020 , 25,	4.8	6
39	Quality by Design Approach for the Development of Liposome Carrying Ghrelin for Intranasal Administration. <i>Pharmaceutics</i> , 2021 , 13,	6.4	6

38	Development of a water-in-oil-in-water multiple emulsion system integrating biomimetic aqueous-core lipid nanodroplets for protein entity stabilization. Part II: process and product characterization. <i>Drug Development and Industrial Pharmacy</i> , 2016 , 42, 1990-2000	3.6	6
37	Development and characterization of a hydrogel containing nitrofurazone for antimicrobial topical applications. <i>Current Pharmaceutical Biotechnology</i> , 2014 , 15, 182-90	2.6	5
36	A novel approach in mucoadhesive drug delivery system to improve zidovudine intestinal permeability. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2016 , 52, 715-725	1.8	5
35	Preparation, Characterization and ex vivo Intestinal Permeability Studies of Ibuprofen Solid Dispersion. <i>Journal of Dispersion Science and Technology</i> , 2019 , 40, 546-554	1.5	4
34	A novel dosage form for buccal administration of bupropion. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2015 , 51, 91-100	1.8	4
33	Development and characterization of a gel formulation integrating microencapsulated nitrofurazone. <i>Current Pharmaceutical Biotechnology</i> , 2014 , 14, 1036-47	2.6	4
32	Cachexia: Pathophysiology and Ghrelin Liposomes for Nose-to-Brain Delivery. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
31	Loading of 5-aminosalicylic in solid lipid microparticles (SLM). <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 139, 1151-1159	4.1	4
30	Production, stabilisation and characterisation of silver nanoparticles coated with bioactive polymers pluronic F68, PVP and PVA. <i>IET Nanobiotechnology</i> , 2017 , 11, 552-556	2	3
29	Study of the elemental composition of saliva of smokers and nonsmokers by X-ray fluorescence. <i>Applied Radiation and Isotopes</i> , 2016 , 118, 221-227	1.7	3
28	Microencapsulation of Natural Anti-Oxidant Pigments 2015 , 369-389		3
27	Development and evaluation of a floating multiparticulate gastroretentive system for modified release of AZT. <i>AAPS PharmSciTech</i> , 2011 , 12, 658-64	3.9	3
26	Projeto e constru de um picnmetro a ar para caracteriza de insumos e produtos farmacuticos. <i>Qumica Nova</i> , 2010 , 33, 1384-1388	1.6	3
25	Hemodynamic effects of a combination of bupropion and nicotine in anesthetized dogs. <i>Cardiovascular Toxicology</i> , 2006 , 6, 63-8	3.4	3
24	Hyaluronic Acid in the Intestinal Tract: Influence of Structure, Rheology, and Mucoadhesion on the Intestinal Uptake in Rats. <i>Biomolecules</i> , 2020 , 10,	5.9	3
23	Deformulation of a solid pharmaceutical form using computed tomography and X-ray fluorescence. <i>Journal of Physics: Conference Series</i> , 2015 , 630, 012002	0.3	2
22	Retinal Drug Delivery: Rethinking Outcomes for the Efficient Replication of Retinal Behavior. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 4258	2.6	2
21	Characterisation of ocular involvement in an experimental model of neuroschistosomiasis mansoni. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2019 , 114, e190029	2.6	2

20	Nanoformulations for Wound Infections 2017 , 223-246		2
19	Advances in nanobiomaterials for topical administrations: new galenic and cosmetic formulations 2016 , 1-23		2
18	Gelatin-based mucoadhesive membranes containing inclusion complex of thymol/ β -cyclodextrin for treatment of oral infections. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021 , 70, 184-194	3	2
17	Production of bacterial cellulose nanocrystals via enzymatic hydrolysis and evaluation of their coating on alginate particles formed by ionotropic gelation. <i>Carbohydrate Polymer Technologies and Applications</i> , 2021 , 2, 100155	1.7	2
16	Validation of an UV spectrophotometric assay for the quantification of polymyxin B in solid lipid nanoparticles. <i>Die Pharmazie</i> , 2015 , 70, 693-7	1.5	2
15	Alternative Cutaneous Substitutes Based on Poly(l-d,l-lactic acid-trimethylene carbonate) with Raddi Extract Designed for Skin Healing. <i>ACS Omega</i> , 2019 , 4, 18317-18326	3.9	1
14	A novel gastroretentive floating system for zidovudine, based on calcium-silicate beads. <i>African Journal of Pharmacy and Pharmacology</i> , 2013 , 7, 2937-3946	0.5	1
13	The Influence of Silver Nanoparticles Against Toxic Effects of Venom. <i>International Journal of Nanomedicine</i> , 2021 , 16, 3555-3564	7.3	1
12	PVA-CO-AAM and peg-co-aam hydrogels as bromelain carriers. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 63, 102483	4.5	1
11	Dense Lamellar Scaffold as Biomimetic Materials for Reverse Engineering of Myocardial Tissue: Preparation, Characterization and Physiomechanical Properties. <i>Journal of Material Science & Engineering</i> , 2018 , 07,	0.7	1
10	Dense lamellar scaffold, biomimetically inspired, for reverse cardiac remodeling: Effect of proanthocyanidins and glutaraldehyde. <i>Journal of Dispersion Science and Technology</i> , 2021 , 42, 248-261	1.5	0
9	Cashew Gum (<i>Anacardium occidentale</i>) as a Potential Source for the Production of Tocopherol-Loaded Nanoparticles: Formulation, Release Profile and Cytotoxicity. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8467	2.6	0
8	Mutagenicity of silver nanoparticles synthesized with curcumin (Cur-AgNPs). <i>Journal of Saudi Chemical Society</i> , 2021 , 25, 101321	4.3	0
7	Study of the elemental composition of plants and extracts of medicinal plants through X-ray fluorescence. <i>Journal of Physics: Conference Series</i> , 2019 , 1291, 012022	0.3	
6	Water-in-Oil-in-Water Nanoencapsulation Systems 2015 , 95-129		
5	Medicinal plant extract associated with bacterial cellulose membrane: Antibacterial activity and physicochemical properties. <i>Archives of Pharmacy and Pharmaceutical Sciences</i> , 2020 , 4, 013-020	0.5	
4	Schistosoma mansoni granulomas in the skeletal striated muscles in the murine model of neuroschistosomiasis: histological findings. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2020 , 115, e190383	2.6	
3	Theranostics and Vaccines 2020 , 359-374		

2 Risk Assessment of Injectable Nanoparticles Used as Nanomedicine **2021**, 248-258

1 Traditional Knowledge of Antivenom Plants **2019**, 103-131