

Marco V Chaud

List of Publications by Year in descending order

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119
papers

3,516
citations

136885

32
h-index

149623

56
g-index

123
all docs

123
docs citations

123
times ranked

5169
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial nanocellulose production and application: a 10-year overview. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 2063-2072.	1.7	317
2	Recent advances in electronic tongues. <i>Analyst, The</i> , 2010, 135, 2481.	1.7	235
3	Alternatives to overcoming bacterial resistances: State-of-the-art. <i>Microbiological Research</i> , 2016, 191, 51-80.	2.5	202
4	Silver Nanoparticles-Composing Alginate/Gelatine Hydrogel Improves Wound Healing In Vivo. <i>Nanomaterials</i> , 2020, 10, 390.	1.9	138
5	Colloidal Carriers for Ophthalmic Drug Delivery. <i>Current Drug Targets</i> , 2005, 6, 363-371.	1.0	131
6	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, 871-877.	2.4	117
7	Nanotoxicology and Nanosafety: Safety-by-Design and Testing at a Glance. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4657.	1.2	114
8	Nanopesticides in Agriculture: Benefits and Challenge in Agricultural Productivity, Toxicological Risks to Human Health and Environment. <i>Toxics</i> , 2021, 9, 131.	1.6	110
9	Liposomes and Micro/Nanoparticles as Colloidal Carriers for Nasal Drug Delivery. <i>Current Drug Delivery</i> , 2006, 3, 275-285.	0.8	103
10	Preparation and characterization of PEG-coated silica nanoparticles for oral insulin delivery. <i>International Journal of Pharmaceutics</i> , 2014, 473, 627-635.	2.6	91
11	Smart nanopackaging for the enhancement of food shelf life. <i>Environmental Chemistry Letters</i> , 2019, 17, 277-290.	8.3	84
12	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, 126-133.	1.2	75
13	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, 191-197.	2.5	70
14	Improvement of antischistosomal activity of praziquantel by incorporation into phosphatidylcholine-containing liposomes. <i>International Journal of Pharmaceutics</i> , 2005, 295, 157-162.	2.6	66
15	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, 31-37.	2.6	65
16	Solid lipid nanoparticles for hydrophilic biotech drugs: Optimization and cell viability studies (Caco-2) Tj ETQq0 0 0 ggBT /Overlock 10 Tf	2.6	64
17	Applications of Natural, Semi-Synthetic, and Synthetic Polymers in Cosmetic Formulations. <i>Cosmetics</i> , 2020, 7, 75.	1.5	63
18	Bacterial Nanocellulose Loaded with Bromelain: Assessment of Antimicrobial, Antioxidant and Physical-Chemical Properties. <i>Scientific Reports</i> , 2017, 7, 18031.	1.6	61

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19	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.	5.1	60
20	Broadening the spectrum of small-molecule antibacterials by metallic nanoparticles to overcome microbial resistance. <i>International Journal of Pharmaceutics</i> , 2017, 532, 139-148.	2.6	58
21	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.	1.9	57
22	Properties, Extraction Methods, and Delivery Systems for Curcumin as a Natural Source of Beneficial Health Effects. <i>Medicina (Lithuania)</i> , 2020, 56, 336.	0.8	55
23	Flavonoid-Enriched Plant-Extract-Loaded Emulsion: A Novel Phytocosmetic Sunscreen Formulation with Antioxidant Properties. <i>Antioxidants</i> , 2019, 8, 443.	2.2	44
24	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.	1.9	41
25	Nanoemulsions and nanoparticles for non-melanoma skin cancer: effects of lipid materials. <i>Clinical and Translational Oncology</i> , 2013, 15, 417-424.	1.2	38
26	Association of Silver Nanoparticles and Curcumin Solid Dispersion: Antimicrobial and Antioxidant Properties. <i>AAPS PharmSciTech</i> , 2018, 19, 225-231.	1.5	38
27	Biosorption of pharmaceutical products by mushroom stem waste. <i>Chemosphere</i> , 2019, 237, 124515.	4.2	37
28	Praziquantel-Solid Lipid Nanoparticles Produced by Supercritical Carbon Dioxide Extraction: Physicochemical Characterization, Release Profile, and Cytotoxicity. <i>Molecules</i> , 2019, 24, 3881.	1.7	36
29	Development and Characterization of a Hydrogel Containing Silver Sulfadiazine for Antimicrobial Topical Applications. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 2241-2254.	1.6	35
30	Bacterial nanocellulose membranes combined with nisin: a strategy to prevent microbial growth. <i>Cellulose</i> , 2018, 25, 6681-6689.	2.4	35
31	Hyaluronic acid behavior in oral administration and perspectives for nanotechnology-based formulations: A review. <i>Carbohydrate Polymers</i> , 2019, 222, 115001.	5.1	34
32	Essential Oils as Active Ingredients of Lipid Nanocarriers for Chemotherapeutic Use. <i>Current Pharmaceutical Biotechnology</i> , 2015, 16, 365-370.	0.9	34
33	Curcumin encapsulation in nanostructures for cancer therapy: A 10-year overview. <i>International Journal of Pharmaceutics</i> , 2021, 604, 120534.	2.6	32
34	Nanostructured Lipid Carriers as a Strategy to Improve the $in vitro$ Schistosomiasis Activity of Praziquantel. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 761-772.	0.9	31
35	Spotlight on Biomimetic Systems Based on Lyotropic Liquid Crystal. <i>Molecules</i> , 2017, 22, 419.	1.7	31
36	Development and in vitro evaluation of coated pellets containing chitosan to potential colonic drug delivery. <i>Carbohydrate Polymers</i> , 2013, 91, 244-252.	5.1	29

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37	Bilayer Mucoadhesive Buccal Film for Mucosal Ulcers Treatment: Development, Characterization, and Single Study Case. <i>Pharmaceutics</i> , 2020, 12, 657.	2.0	29
38	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, 478-485.	2.5	27
39	Structural and functional stabilization of phage particles in carbohydrate matrices for bacterial biosensing. <i>Enzyme and Microbial Technology</i> , 2013, 53, 55-69.	1.6	25
40	Carbohydrate Hydrogels with Stabilized Phage Particles for Bacterial Biosensing: Bacterium Diffusion Studies. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 1194-1214.	1.4	24
41	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, 3057-3061.	0.9	22
42	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.	2.6	21
43	Development of a buccal mucoadhesive film for fast dissolution: mathematical rationale, production and physicochemical characterization. <i>Drug Delivery</i> , 2014, 21, 530-539.	2.5	20
44	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.	1.2	19
45	Effect of Polysaccharide Sources on the Physicochemical Properties of Bromelain-Chitosan Nanoparticles. <i>Polymers</i> , 2019, 11, 1681.	2.0	18
46	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.	2.3	18
47	The intestinal permeation of didanosine from granules containing microspheres using the everted gut sac model. <i>Journal of Microencapsulation</i> , 2009, 26, 523-528.	1.2	17
48	Bromelain Loading and Release from a Hydrogel Formulated Using Alginate and Arabic Gum. <i>Planta Medica</i> , 2017, 83, 870-876.	0.7	17
49	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.	2.3	16
50	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.	1.2	16
51	Characterization of PNIPAAm-co-AAm hydrogels for modified release of bromelain. <i>European Polymer Journal</i> , 2018, 105, 48-54.	2.6	15
52	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.	2.0	15
53	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.	1.4	14
54	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.	1.4	14

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55	Quality by Design Approach for the Development of Liposome Carrying Ghrelin for Intranasal Administration. <i>Pharmaceutics</i> , 2021, 13, 686.	2.0	14
56	In vitro drug permeation from chitosan pellets. <i>Carbohydrate Polymers</i> , 2012, 87, 2526-2531.	5.1	13
57	Enhancement of the Mechanical and Drug-Releasing Properties of Poloxamer 407 Hydrogels with Casein. <i>Pharmaceutical Research</i> , 2021, 38, 515-522.	1.7	13
58	Porosity measurement of solid pharmaceutical dosage forms by gamma-ray transmission. <i>Applied Radiation and Isotopes</i> , 2010, 68, 2223-2228.	0.7	12
59	Zidovudine-Poly(L-Lactic Acid) Solid Dispersions with Improved Intestinal Permeability Prepared by Supercritical Antisolvent Process. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 1691-1700.	1.6	11
60	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.	2.1	11
61	Nanopharmaceuticals for Eye Administration: Sterilization, Depyrogenation and Clinical Applications. <i>Biology</i> , 2020, 9, 336.	1.3	11
62	LC Evaluation of Intestinal Transport of Praziquantel. <i>Chromatographia</i> , 2009, 69, 213-217.	0.7	10
63	Development and Evaluation of Praziquantel Solid Dispersions in Sodium Starch Glycolate. <i>Tropical Journal of Pharmaceutical Research</i> , 2013, 12, .	0.2	10
64	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.	1.1	10
65	Safety and efficacy of hydroxyapatite scaffold in the prevention of jaw osteonecrosis <i>in vivo</i> . <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 1799-1808.	1.6	10
66	Preparation, Characterization and <i>ex vivo</i> Intestinal Permeability Studies of Ibuprofen Solid Dispersion. <i>Journal of Dispersion Science and Technology</i> , 2019, 40, 546-554.	1.3	10
67	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, 1483-1494.	1.6	9
68	β -Cyclodextrin/Isopentyl Caffate Inclusion Complex: Synthesis, Characterization and Antileishmanial Activity. <i>Molecules</i> , 2020, 25, 4181.	1.7	9
69	Cachexia: Pathophysiology and Ghrelin Liposomes for Nose-to-Brain Delivery. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5974.	1.8	9
70	Hemodynamic effects of bupropion in anesthetized dogs. <i>European Journal of Pharmacology</i> , 2006, 530, 124-127.	1.7	8
71	Microencapsulation of Natural Anti-Oxidant Pigments. , 2015, , 369-389.		8
72	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.	0.9	8

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73	Antimicrobial and antioxidant screening of curcumin and pyrocatechol in the prevention of biodiesel degradation: oxidative stability. <i>Biofuels</i> , 2016, 7, 581-592.	1.4	8
74	Loading of 5-aminosalicylic in solid lipid microparticles (SLM). <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 139, 1151-1159.	2.0	8
75	Nanostructure self-assembly for direct nose-to-brain drug delivery. , 2020, , 449-480.		8
76	Hyaluronic Acid in the Intestinal Tract: Influence of Structure, Rheology, and Mucoadhesion on the Intestinal Uptake in Rats. <i>Biomolecules</i> , 2020, 10, 1422.	1.8	8
77	A novel approach in mucoadhesive drug delivery system to improve zidovudine intestinal permeability. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2016, 52, 715-725.	1.2	7
78	Development and Characterization of a Hydrogel Containing Nitrofurazone for Antimicrobial Topical Applications. <i>Current Pharmaceutical Biotechnology</i> , 2014, 15, 182-190.	0.9	7
79	In vivo absorption of didanosine formulated in pellets composed of chitosan microspheres. <i>In Vivo</i> , 2014, 28, 1045-50.	0.6	7
80	A novel dosage form for buccal administration of bupropion. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2015, 51, 91-100.	1.2	6
81	Alternative Cutaneous Substitutes Based on Poly(<i>l</i> -lactic acid-co-trimethylene carbonate) with <i>Schinus terebinthifolius</i> Raddi Extract Designed for Skin Healing. <i>ACS Omega</i> , 2019, 4, 18317-18326.	1.6	6
82	Mutagenicity of silver nanoparticles synthesized with curcumin (Cur-AgNPs). <i>Journal of Saudi Chemical Society</i> , 2021, 25, 101321.	2.4	6
83	Rutin-Functionalized Multi-Walled Carbon Nanotubes: Molecular Docking, Physicochemistry and Cytotoxicity in Fibroblasts. <i>Toxics</i> , 2021, 9, 173.	1.6	5
84	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.	1.3	5
85	Hemodynamic Effects of a Combination of Bupropion and Nicotine in Anesthetized Dogs. <i>Cardiovascular Toxicology</i> , 2006, 6, 63-68.	1.1	4
86	Development and Evaluation of a Floating Multiparticulate Gastroretentive System for Modified Release of AZT. <i>AAPS PharmSciTech</i> , 2011, 12, 658-664.	1.5	4
87	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	4
88	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.	0.7	4
89	Retinal Drug Delivery: Rethinking Outcomes for the Efficient Replication of Retinal Behavior. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4258.	1.3	4
90	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.	1.8	4

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91	Production of bacterial cellulose nanocrystals via enzymatic hydrolysis and evaluation of their coating on alginate particles formed by ionotropic gelation. Carbohydrate Polymer Technologies and Applications, 2021, 2, 100155.	1.6	4
92	Development and Characterization of a Gel Formulation Integrating Microencapsulated Nitrofurazone. Current Pharmaceutical Biotechnology, 2014, 14, 1036-1047.	0.9	4
93	Projeto e constru�o de um picn�metro a ar para caracteriza�o de insumos e produtos farmac�uticos. Quimica Nova, 2010, 33, 1384-1388.	0.3	3
94	Advances in nanobiomaterials for topical administrations: new galenic and cosmetic formulations. , 2016, , 1-23.		3
95	Production, stabilisation and characterisation of silver nanoparticles coated with bioactive polymers pluronic F68, PVP and PVA. IET Nanobiotechnology, 2017, 11, 552-556.	1.9	3
96	Nanoformulations for Wound Infections. , 2017, , 223-246.		3
97	Characterisation of ocular involvement in an experimental model of neuroschistosomiasis mansoni. Memorias Do Instituto Oswaldo Cruz, 2019, 114, e190029.	0.8	3
98	Dense lamellar scaffold, biomimetically inspired, for reverse cardiac remodeling: Effect of proanthocyanidins and glutaraldehyde. Journal of Dispersion Science and Technology, 2021, 42, 248-261.	1.3	3
99	Effects of a collagen hyaluronic acid silk�fibroin patch with the electroconductive element polyaniline on left ventricular remodeling in an infarct heart model. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2022, 110, 1651-1666.	1.6	3
100	Schistosoma mansoni granulomas in the skeletal striated muscles in the murine model of neuroschistosomiasis: histological findings. Memorias Do Instituto Oswaldo Cruz, 2020, 115, e190383.	0.8	2
101	Validation of an UV spectrophotometric assay for the quantification of polymyxin B in solid lipid nanoparticles. Die Pharmazie, 2015, 70, 693-7.	0.3	2
102	A novel gastroretentive floating system for zidovudine, based on calcium-silicate beads. African Journal of Pharmacy and Pharmacology, 2013, 7, 2937-3946.	0.2	1
103	Dense Lamellar Scaffold as Biomimetic Materials for Reverse Engineering of Myocardial Tissue: Preparation, Characterization and Physiomechanical Properties. Journal of Material Science & Engineering, 2018, 07, .	0.2	1
104	The Influence of Silver Nanoparticles Against Toxic Effects of Philodryas olfersii Venom. International Journal of Nanomedicine, 2021, Volume 16, 3555-3564.	3.3	1
105	PVA-CO-AAM and peg-co-aam hydrogels as bromelain carriers. Journal of Drug Delivery Science and Technology, 2021, 63, 102483.	1.4	1
106	Alternativas pol�ticas e pedag�gicas da produ�o de sab�o artesanal: um di�logo com a Educa�o Ambiental. Revista Brasileira De Educa�o Ambiental (RevBEA), 2019, 14, 50-74.	0.1	1
107	Caracteriza�o f�sica de Cateteres Centrais de Inser�o Perif�rica (CCIP). Revista Materia, 2020, 25, .	0.1	1
108	Pollutants harmful to health in herbal products detected by X-ray fluorescence spectroscopy. Semina: Ci�ncias Exatas E Tecnol�gicas, 2020, 41, 211.	0.3	1

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109	Medicinal plant extract associated with bacterial cellulose membrane: Antibacterial activity and physicochemical properties. Archives of Pharmacy and Pharmaceutical Sciences, 2020, 4, 013-020.	0.1	1
110	Dental Treatment of Patients Presenting With Toothache While Using Bisphosphonate: Clinical Case Report. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2014, 117, e148.	0.2	0
111	Oral Appliances to Prevent and Treat Acute Induced Mucositis With Oral Chemotherapy and Radiotherapy. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2014, 117, e216.	0.2	0
112	Importance of Preventive Dental Care in Patients Taking Bisphosphonate Therapy. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2014, 117, e196.	0.2	0
113	Dental Care of Patients With Extranodal Nasal Lymphoma Cell T/NK Type During Anticancer Treatment. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2014, 117, e151.	0.2	0
114	Water-in-Oil-in-Water Nanoencapsulation Systems. , 2015, , 95-129.		0
115	Study of the elemental composition of plants and extracts of medicinal plants through X-ray fluorescence. Journal of Physics: Conference Series, 2019, 1291, 012022.	0.3	0
116	Traditional Knowledge of Antivenom Plants. , 2019, , 103-131.		0
117	The effect of efflux bomb and the transmural potential difference in the permeation of azidothymidine across the small intestine of the rat. , 2019, , .		0
118	AvaliaÃ§Ã£o fÃsico-quÃmica de cimentos Portland produzidos no Brasil, via FluorescÃncia por raios-X e resistÃncia mecÃnica. Semina: CiÃncias Exatas E TecnolÃgicas, 2020, 41, 3.	0.3	0
119	Bacterial nanocellulose and fibroin: natural products to produce a structure membranes. Revista Materia, 2021, 26, .	0.1	0