

Eryvaldo SÃ³crates Tabosa Egito

List of Publications by Year in descending order

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73
papers

1,309
citations

430874

18
h-index

434195

31
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73
all docs

73
docs citations

73
times ranked

2112
citing authors

#	ARTICLE	IF	CITATIONS
1	Xylan from corn cobs, a promising polymer for drug delivery: Production and characterization. <i>Bioresource Technology</i> , 2010, 101, 5402-5406.	9.6	123
2	Freeze-drying of emulsified systems: A review. <i>International Journal of Pharmaceutics</i> , 2016, 503, 102-114.	5.2	114
3	Development of oil-in-water microemulsions for the oral delivery of amphotericin B. <i>International Journal of Pharmaceutics</i> , 2013, 454, 641-648.	5.2	90
4	Thermal behavior and stability of biodegradable spray-dried microparticles containing triamcinolone. <i>International Journal of Pharmaceutics</i> , 2009, 368, 45-55.	5.2	57
5	Understanding Drug Release Data through Thermodynamic Analysis. <i>Materials</i> , 2017, 10, 651.	2.9	46
6	Improving Encapsulation of Hydrophilic Chloroquine Diphosphate into Biodegradable Nanoparticles: A Promising Approach against Herpes Virus Simplex-1 Infection. <i>Pharmaceutics</i> , 2018, 10, 255.	4.5	45
7	Use of Natural Products in Asthma Treatment. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-35.	1.2	43
8	Amphotericin B-Loaded Nanocarriers for Topical Treatment of Cutaneous Leishmaniasis: Development, Characterization, and <i>In Vitro</i> Skin Permeation Studies. <i>Journal of Biomedical Nanotechnology</i> , 2012, 8, 322-329.	1.1	42
9	Development and Evaluation of Emulsions from <i>Carapa guianensis</i> (Andiroba) Oil. <i>AAPS PharmSciTech</i> , 2010, 11, 1383-1390.	3.3	41
10	In-vitro and in-vivo antileishmanial activity of inexpensive Amphotericin B formulations: Heated Amphotericin B and Amphotericin B-loaded microemulsion. <i>Experimental Parasitology</i> , 2018, 192, 85-92.	1.2	27
11	Treatment of Postoperative Enterocutaneous Fistulas by High-Pressure Vacuum with a Normal Oral Diet. <i>Digestive Surgery</i> , 2004, 21, 401-405.	1.2	26
12	Aqueous Leaf Extract of <i>Jatropha mollissima</i> (Pohl) Bail Decreases Local Effects Induced by Bothropic Venom. <i>BioMed Research International</i> , 2016, 2016, 1-13.	1.9	24
13	Xylan in drug delivery: A review of its engineered structures and biomedical applications. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 151, 199-208.	4.3	24
14	Glucan and Glutamine Reduce Bacterial Translocation in Rats Subjected to Intestinal Ischemia-Reperfusion. <i>Journal of Investigative Surgery</i> , 2006, 19, 39-46.	1.3	19
15	Influence of a lipophilic drug on the stability of emulsions: An important approach on the development of lipidic carriers. <i>International Journal of Pharmaceutics</i> , 2007, 344, 158-160.	5.2	19
16	New Trends on Antineoplastic Therapy Research: Bullfrog (<i>Rana catesbeiana</i> Shaw) Oil Nanostructured Systems. <i>Molecules</i> , 2016, 21, 585.	3.8	19
17	An Inhalable Powder Formulation Based on Micro- and Nanoparticles Containing 5-Fluorouracil for the Treatment of Metastatic Melanoma. <i>Nanomaterials</i> , 2018, 8, 75.	4.1	19
18	Autonomic modulation in patients with congenital generalized lipodystrophy (Berardinelli-Seip) <i>Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 62</i>	1.7	18

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19	Influence of the Lipophilic External Phase Composition on the Preparation and Characterization of Xylan Microcapsules” A Technical Note. <i>AAPS PharmSciTech</i> , 2008, 9, 814-817.	3.3	17
20	Leads from Physical, Chemical, and Thermal Characterization on Cytotoxic Effects of Xylan-Based Microparticles. <i>Polymers</i> , 2015, 7, 2304-2315.	4.5	17
21	Docking and physico-chemical properties of Î±- and Î²-cyclodextrin complex containing isopulegol: a comparative study. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2016, 85, 341-354.	1.6	17
22	Experimental design approach applied to the development of chitosan coated poly(isobutylcyanoacrylate) nanocapsules encapsulating copaiba oil. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 536, 251-258.	4.7	17
23	Producing xylan/Eudragit® S100-based microparticles by chemical and physico-mechanical approaches as carriers for 5-aminosalicylic acid. <i>Journal of Microencapsulation</i> , 2013, 30, 787-795.	2.8	16
24	Development of a Gas Chromatography Method for the Analysis of Copaiba Oil. <i>Journal of Chromatographic Science</i> , 2017, 55, 969-978.	1.4	16
25	Current trends on cannabidiol delivery systems: where are we and where are we going?. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1577-1587.	5.0	16
26	Design of Magnetic Polymeric Particles as a Stimulus-Responsive System for Gastric Antimicrobial Therapy. <i>AAPS PharmSciTech</i> , 2017, 18, 2026-2036.	3.3	15
27	Structural Properties Induced by the Composition of Biocompatible Phospholipid-Based Microemulsion and Amphotericin B Association. <i>Journal of Biomedical Nanotechnology</i> , 2012, 8, 350-359.	1.1	14
28	Physical Factors Affecting Plasmid DNA Compaction in Stearylamine-Containing Nanoemulsions Intended for Gene Delivery. <i>Pharmaceuticals</i> , 2012, 5, 643-654.	3.8	14
29	Nanostructured lipid carriers containing Amphotericin B: Development, in vitro release assay, and storage stability. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 48, 372-382.	3.0	14
30	<i>Ipomoea asarifolia</i> neutralizes inflammation induced by <i>Tityus serrulatus</i> scorpion venom. <i>Journal of Ethnopharmacology</i> , 2014, 153, 890-895.	4.1	13
31	Antibacterial properties and healing effects of <i>Melipona scutellaris</i> honey in MRSA-infected wounds of rats. <i>Acta Cirurgica Brasileira</i> , 2016, 31, 327-332.	0.7	13
32	Match of Solubility Parameters Between Oil and Surfactants as a Rational Approach for the Formulation of Microemulsion with a High Dispersed Volume of Copaiba Oil and Low Surfactant Content. <i>Pharmaceutical Research</i> , 2016, 33, 3031-3043.	3.5	13
33	Thermo-Oxidative Stability Evaluation of Bullfrog (<i>Rana catesbeiana</i> Shaw) Oil. <i>Molecules</i> , 2017, 22, 606.	3.8	13
34	Xylan microparticles for controlled release of mesalamine: Production and physicochemical characterization. <i>Carbohydrate Polymers</i> , 2020, 250, 116929.	10.2	13
35	Could natural products modulate early inflammatory responses, preventing acute respiratory distress syndrome in COVID-19-confirmed patients?. <i>Biomedicine and Pharmacotherapy</i> , 2021, 134, 111143.	5.6	13
36	Development and characterization of biocompatible isotropic and anisotropic oil-in-water colloidal dispersions as a new delivery system for methyl dihydrojasmonate antitumor drug. <i>International Journal of Nanomedicine</i> , 2014, 9, 867.	6.7	12

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37	Preparation and characterization of safe microparticles based on xylan. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1601-1609.	2.0	12
38	A Functional Wound Dressing as a Potential Treatment for Cutaneous Leishmaniasis. <i>Pharmaceutics</i> , 2019, 11, 200.	4.5	12
39	Ferriã€“Liposomes: Preformulation and Selective Cytotoxicity against A549 Lung Cancer Cells. <i>Pharmaceutics</i> , 2021, 13, 712.	4.5	12
40	Development and Characterization of a Microemulsion System Containing Amphotericin B with Potential Ocular Applications. <i>Current Drug Delivery</i> , 2016, 13, 982-993.	1.6	12
41	How can micelle systems be rebuilt by a heating process?. <i>International Journal of Nanomedicine</i> , 2012, 7, 141.	6.7	11
42	HPLC Method for the Dosage of Paclitaxel in Copaiba Oil: Development, Validation, Application to the Determination of the Solubility and Partition Coefficients. <i>Chromatographia</i> , 2016, 79, 405-412.	1.3	11
43	The renoprotective effect of oral Tadalafil pretreatment on ischemia/reperfusion injury in rats. <i>Acta Cirurgica Brasileira</i> , 2017, 32, 90-97.	0.7	11
44	Hydrophobin-stabilized nanoemulsion produced by a low-energy emulsification process: A promising carrier for nutraceuticals. <i>Food Hydrocolloids</i> , 2019, 89, 749-757.	10.7	11
45	Biodistribution of the radiopharmaceutical sodium pertechnetate after biliopancreatic bypass with a duodenal switch. <i>Brazilian Archives of Biology and Technology</i> , 2007, 50, 189-197.	0.5	10
46	Water-in-Water Emulsion as a New Approach to Produce Mesalamine-Loaded Xylan-Based Microparticles. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3519.	2.5	10
47	Protective effect of aqueous extract, fractions and phenolic compounds of <i>Hancornia speciosa</i> fruits on the inflammatory damage in the lungs of mice induced by <i>Tityus serrulatus</i> envenomation. <i>Toxicon</i> , 2019, 164, 1-9.	1.6	10
48	Genotoxicity induced by saponified coconut oil surfactant in prokaryote systems. <i>Mutagenesis</i> , 2004, 19, 441-444.	2.6	8
49	Investigation of toxic factors affecting cells of rat brains exposed to 3-methylcatechol. <i>Brazilian Archives of Biology and Technology</i> , 2007, 50, 839-849.	0.5	8
50	Oil-in-water biocompatible microemulsion as a carrier for the antitumor drug compound methyl dihydrojasmonate. <i>International Journal of Nanomedicine</i> , 2015, 10, 585.	6.7	8
51	Transcranial direct current stimulation on the autonomic modulation and exercise time in individuals with spinal cord injury. A case report. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 193, 152-155.	2.8	8
52	Buccal Bullfrog (<i>Rana catesbeiana</i> Shaw) Oil Emulsion: A Mucoadhesive System Intended for Treatment of Oral Candidiasis. <i>Pharmaceutics</i> , 2018, 10, 257.	4.5	8
53	Therapeutic bullfrog oil-based nanoemulsion for oral application: Development, characterization and stability. <i>Acta Pharmaceutica</i> , 2019, 69, 33-48.	2.0	8
54	Optimization of the freeze-drying process for microemulsion systems. <i>Drying Technology</i> , 2019, 37, 1745-1756.	3.1	8

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55	Low-surfactant microemulsion, a smart strategy intended for curcumin oral delivery. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 652, 129720.	4.7	8
56	Rationality of Antimicrobial Prescriptions in Community Pharmacy Users. <i>PLoS ONE</i> , 2015, 10, e0141615.	2.5	7
57	Transcranial direct current stimulation in individuals with spinal cord injury: Assessment of autonomic nervous system activity. <i>Restorative Neurology and Neuroscience</i> , 2017, 35, 159-169.	0.7	7
58	Polishing the Therapy of Onychomycosis Induced by <i>Candida</i> spp.: Amphotericin B-Loaded Nail Lacquer. <i>Pharmaceutics</i> , 2021, 13, 784.	4.5	7
59	Magnetite Content Evaluation on Magnetic Drug Delivery Systems by Spectrophotometry: A Technical Note. <i>AAPS PharmSciTech</i> , 2011, 12, 521-524.	3.3	6
60	HPLC-DAD and UV-Vis Spectrophotometric Methods for Methotrexate Assay in Different Biodegradable Microparticles. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	6
61	Influence of the Freeze-Drying Process on the Physicochemical and Biological Properties of Pre-heated Amphotericin B Micellar Systems. <i>AAPS PharmSciTech</i> , 2014, 15, 612-619.	3.3	5
62	Effects of coconut water and simvastatin in the treatment of sepsis and hemorrhagic shock in rats. <i>Acta Cirurgica Brasileira</i> , 2016, 31, 826-833.	0.7	5
63	Anti-Inflammatory Activity of Bullfrog Oil Polymeric Nanocapsules: From the Design to Preclinical Trials. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 7353-7367.	6.7	5
64	Role of breast vascular calcification in predicting cardiovascular risk. <i>International Journal of Gynecology and Obstetrics</i> , 2018, 144, 232-233.	2.3	3
65	Self-Assembled Cationic-Covered Nanoemulsion as A Novel Biocompatible Immunoadjuvant for Antiserum Production Against <i>Tityus serrulatus</i> Scorpion Venom. <i>Pharmaceutics</i> , 2020, 12, 927.	4.5	3
66	Freeze-Dried Microemulsion Containing Amphotericin B for Leishmaniasis Treatment: An Overview. <i>Journal of Colloid Science and Biotechnology</i> , 2016, 5, 55-68.	0.2	3
67	Biodistribution of Technetium-99m Pertechnetate after Total Gastrectomy and Roux-en-Y Jejunal Pouch. <i>Journal of Investigative Surgery</i> , 2010, 23, 94-100.	1.3	2
68	Structural and magnetic investigation of styrene-divinylbenzene encapsulated iron oxide nanoparticles. <i>Materials Letters</i> , 2014, 130, 135-138.	2.6	2
69	Bullfrog Oil Reduces the Carrageenan-induced Edema in Wistar Rats by <i>in vitro</i> Reduction of Inflammatory Mediators. <i>Journal of Oleo Science</i> , 2020, 69, 133-142.	1.4	2
70	Trends in rheumatic fever: clinical aspects and perspectives in prophylactic treatments. <i>Expert Opinion on Drug Delivery</i> , 2012, 9, 1099-1110.	5.0	1
71	New drug delivery system for corneal administration of mitomycin-C. <i>Journal of Cataract and Refractive Surgery</i> , 2016, 42, 1216-1223.	1.5	0
72	Effect of the Ileum and Colon on Liver Regeneration. <i>Journal of Investigative Surgery</i> , 2020, 34, 1-5.	1.3	0

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73	An analytical GC-MS method to quantify methyl dihydrojasmonate in biocompatible oil-in-water microemulsions: physicochemical characterization and <i>in vitro</i> release studies. Pharmaceutical Development and Technology, 2018, 23, 151-157.	2.4	0