

Nereide S. Santos-Magalhaes

List of Publications by Year in descending order

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81
papers

2,225
citations

257101

24
h-index

233125

45
g-index

83
all docs

83
docs citations

83
times ranked

3253
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanotechnology applied to the treatment of malaria. <i>Advanced Drug Delivery Reviews</i> , 2010, 62, 560-575.	6.6	237
2	Nanoencapsulation of quercetin and resveratrol into elastic liposomes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 309-316.	1.4	129
3	Novel core(polyester)-shell(polysaccharide) nanoparticles: protein loading and surface modification with lectins. <i>Journal of Controlled Release</i> , 2003, 92, 103-112.	4.8	108
4	Usnic acid: a non-genotoxic compound with anti-cancer properties. <i>Anti-Cancer Drugs</i> , 2005, 16, 805-809.	0.7	106
5	Effect of the oral administration of nanoencapsulated quercetin on a mouse model of Alzheimer's disease. <i>International Journal of Pharmaceutics</i> , 2017, 517, 50-57.	2.6	106
6	Colloidal carriers for benzathine penicillin G: Nanoemulsions and nanocapsules. <i>International Journal of Pharmaceutics</i> , 2000, 208, 71-80.	2.6	99
7	Antitumor activity of Cratylia mollis lectin encapsulated into liposomes. <i>International Journal of Pharmaceutics</i> , 2004, 278, 435-445.	2.6	81
8	Nanoencapsulation of usnic acid: An attempt to improve antitumour activity and reduce hepatotoxicity. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2006, 64, 154-160.	2.0	81
9	Inclusion complex of usnic acid with β -cyclodextrin: characterization and nanoencapsulation into liposomes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009, 64, 215-224.	1.6	67
10	Cytotoxicity and cellular uptake of newly synthesized fucoidan-coated nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 79, 162-170.	2.0	65
11	In vitro and in vivo properties of usnic acid encapsulated into PLGA-microspheres. <i>Journal of Microencapsulation</i> , 2004, 21, 371-384.	1.2	63
12	Purification of a lectin from <i>Eugenia uniflora</i> L. seeds and its potential antibacterial activity. <i>Letters in Applied Microbiology</i> , 2008, 46, 371-376.	1.0	61
13	The encapsulation of β -lapachone in 2-hydroxypropyl- β -cyclodextrin inclusion complex into liposomes: A physicochemical evaluation and molecular modeling approach. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 44, 332-340.	1.9	59
14	Interactions of a non-ionic ABA copolymer surfactant with phospholipid monolayers: Possible relevance to emulsion stabilization. <i>International Journal of Pharmaceutics</i> , 1991, 75, 171-179.	2.6	54
15	Cardiac Regeneration using Growth Factors: Advances and Challenges. <i>Arquivos Brasileiros De Cardiologia</i> , 2016, 107, 271-275.	0.3	44
16	Lipossomas e suas aplicações terapêuticas: estado da arte. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2007, 43, 167-179.	0.5	43
17	In vitro uptake and antimycobacterial activity of liposomal usnic acid formulation. <i>Journal of Liposome Research</i> , 2009, 19, 49-58.	1.5	42
18	Elucidation of the complexation mechanism between (+)-usnic acid and cyclodextrins studied by isothermal titration calorimetry and phase solubility diagram experiments. <i>Journal of Molecular Recognition</i> , 2009, 22, 232-241.	1.1	36

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19	Does usnic acid affect microtubules in human cancer cells?. <i>Brazilian Journal of Biology</i> , 2010, 70, 659-664.	0.4	36
20	The stability and in vitro release kinetics of a clofibrade emulsion. <i>International Journal of Pharmaceutics</i> , 1991, 76, 225-237.	2.6	35
21	An in vitro release kinetic examination and comparative evaluation between submicron emulsion and poly(lactic acid) nanocapsules of clofibrade. <i>Journal of Microencapsulation</i> , 1995, 12, 195-205.	1.2	33
22	Encapsulation and release of <i>Beauveria bassiana</i> from alginate-chitosan bentonite nanocomposite. <i>RSC Advances</i> , 2017, 7, 26468-26477.	1.7	30
23	Enhanced Antiproliferative Activity of the New Anticancer Candidate LPSF/AC04 in Cyclodextrin Inclusion Complexes Encapsulated into Liposomes. <i>AAPS PharmSciTech</i> , 2012, 13, 1355-1366.	1.5	26
24	A new approach for improving the birefringence analysis of dental enamel mineral content using polarizing microscopy. <i>Journal of Microscopy</i> , 2006, 221, 79-83.	0.8	24
25	Antimicrobial activity of β -lapachone encapsulated into liposomes against methicillin-resistant <i>Staphylococcus aureus</i> and <i>Cryptococcus neoformans</i> clinical strains. <i>Journal of Global Antimicrobial Resistance</i> , 2015, 3, 103-108.	0.9	24
26	Effects of the encapsulation of usnic acid into liposomes and interactions with antituberculous agents against multidrug-resistant tuberculosis clinical isolates. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2016, 111, 330-334.	0.8	24
27	Usnic acid-loaded nanocapsules: an evaluation of cytotoxicity. <i>Journal of Drug Delivery Science and Technology</i> , 2005, 15, 355-361.	1.4	23
28	Amphotericin B Microemulsion Reduces Toxicity and Maintains the Efficacy as an Antifungal Product. <i>Journal of Biomedical Nanotechnology</i> , 2012, 8, 290-300.	0.5	23
29	Development and evaluation of liposomal formulation containing nimodipine on anxiolytic activity in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 116, 64-68.	1.3	20
30	Encapsulation of β -trans-dehydrocrotonin in Liposomes: An Enhancement of the Antitumor Activity. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 499-510.	0.5	19
31	Antifungal Activity of a Liposomal Itraconazole Formulation in Experimental <i>Aspergillus flavus</i> Keratitis with Endophthalmitis. <i>Mycopathologia</i> , 2015, 179, 225-229.	1.3	18
32	Acute toxicity and anticonvulsant activity of liposomes containing nimodipine on pilocarpine-induced seizures in mice. <i>Neuroscience Letters</i> , 2015, 585, 38-42.	1.0	18
33	Layered double hydroxides (LDHs) as carrier of antimony aimed for improving leishmaniasis chemotherapy. <i>Applied Clay Science</i> , 2014, 91-92, 127-134.	2.6	17
34	Antidepressant-like activity of liposomal formulation containing nimodipine treatment in the tail suspension test, forced swim test and MAOB activity in mice. <i>Brain Research</i> , 2016, 1646, 235-240.	1.1	17
35	Elucidation of the mechanism of complexation between oncolyxone A and cyclodextrins by isothermal titration calorimetry and molecular modeling. <i>Journal of Molecular Liquids</i> , 2019, 274, 165-172.	2.3	17
36	Antibacterial and antibiofilm activities of quercetin against clinical isolates of <i>Staphylococcus aureus</i> and <i>Staphylococcus saprophyticus</i> with resistance profile. <i>International Journal of Environment Agriculture and Biotechnology</i> , 2018, 3, 1948-1958.	0.0	17

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37	Thermodynamic characterization of the prevailing molecular interactions in mixed floating monolayers of phospholipids and usnic acid. <i>Journal of Colloid and Interface Science</i> , 2006, 298, 145-153.	5.0	16
38	Dental enamel birefringence for a wide mineral content range and for different immersion media's refractive indexes: an improved mathematical interpretation. <i>Journal of Microscopy</i> , 2009, 233, 69-75.	0.8	16
39	Poly(anhydride) nanoparticles containing cashew nut proteins can induce a strong Th1 and Treg immune response after oral administration. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 127, 51-60.	2.0	16
40	Molecular modeling and cytotoxicity of diffractaic acid: HP- β -CD inclusion complex encapsulated in microspheres. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 494-503.	3.6	15
41	Uma revisÃ£o das atividades biolÃ³gicas da trans-desidrocrotonina, um produto natural obtido de <i>Croton cajucara</i> . <i>Revista Brasileira De Farmacognosia</i> , 2007, 17, 275-286.	0.6	15
42	Fucoidan-Coated Liposomes: A Target System to Deliver the Antimicrobial Drug Usnic Acid to Macrophages Infected with <i>Mycobacterium tuberculosis</i> . <i>Journal of Biomedical Nanotechnology</i> , 2021, 17, 1699-1710.	0.5	14
43	Mixed monolayers of Bauhinia monandra and Concanavalin A lectins with phospholipids, part II. <i>Journal of Colloid and Interface Science</i> , 2005, 289, 379-385.	5.0	13
44	Ocular delivery of moxifloxacin-loaded liposomes. <i>Arquivos Brasileiros De Oftalmologia</i> , 2018, 81, 510-513.	0.2	13
45	Motomura's modified equation for surfactant penetration into spread monolayers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1996, 118, 63-73.	2.3	12
46	Cratylia mollis lectin at the air-aqueous solution interface: adsorption and lectin-lipid interactions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2000, 17, 191-201.	2.5	12
47	Cationic liposomes containing antioxidants reduces pulmonary injury in experimental model of sepsis. <i>Respiratory Physiology and Neurobiology</i> , 2016, 231, 55-62.	0.7	12
48	Interaction study between vancomycin and liposomes containing natural compounds against methicillin-resistant <i>Staphylococcus aureus</i> clinical isolates. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2018, 54, .	1.2	12
49	Dielectric properties of Bauhinia monandra and Concanavalin A lectin monolayers, part I. <i>Journal of Colloid and Interface Science</i> , 2005, 289, 371-378.	5.0	11
50	Nanotecnologia farmacÃautica aplicada ao tratamento da malÃria. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2007, 43, 503-514.	0.5	11
51	Pegylated nanoparticles for the oral delivery of nimodipine: Pharmacokinetics and effect on the anxiety and cognition in mice. <i>International Journal of Pharmaceutics</i> , 2018, 543, 245-256.	2.6	11
52	Fucoidan-coated PIBCA nanoparticles containing oncocalyxone A: Activity against metastatic breast cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 65, 102698.	1.4	11
53	Stationary cuvette: a new approach to obtaining analytical curves by UV-VIS spectrophotometry. <i>Phytochemical Analysis</i> , 2009, 20, 265-271.	1.2	10
54	Encapsulation into Stealth Liposomes Enhances the Antitumor Action of Recombinant <i>Cratylia mollis</i> Lectin Expressed in <i>Escherichia coli</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 1355.	1.5	10

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55	Supramolecular interactions between Î²â€apachone with cyclodextrins studied using isothermal titration calorimetry and molecular modeling. <i>Journal of Molecular Recognition</i> , 2017, 30, e2646.	1.1	10
56	Polymer/Layered Silicate Nanocomposite as Matrix for Bioinsecticide Formulation. <i>Macromolecular Symposia</i> , 2014, 344, 14-21.	0.4	9
57	Interaction of Bauhinia monandra lectin (BmoLL) with lipid monolayers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 250, 491-497.	2.3	8
58	ValidaÃ§Ã£o de mÃ©todo analÃtico espectrofotomÃ©trico UV para determinaÃ§Ã£o de Ãcido Ãsnico em lipossomas. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2008, 44, 621-628.	0.5	8
59	Radiolysis of 2-[18F]fluoro-2-deoxy-d-glucose ([18F]FDG) and the role of ethanol, radioactive concentration and temperature of storage. <i>Applied Radiation and Isotopes</i> , 2013, 72, 158-162.	0.7	8
60	Evaluation of the antischistosomal activity of sulfated Î±-D-glucan from the lichen <i>Ramalina celastri</i> free and encapsulated into liposomes. <i>Brazilian Journal of Medical and Biological Research</i> , 2011, 44, 311-318.	0.7	7
61	DiffraÃtaic acid: Crystalline structure and physicochemical characterization. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 165, 26-32.	2.0	5
62	Cytotoxicity of doxorubicin-loaded Con A-liposomes. <i>Drug Development Research</i> , 2006, 67, 430-437.	1.4	4
63	Encapsulation and release characteristics of DCTN/PLGA microspheres. <i>Journal of Microencapsulation</i> , 2009, 26, 529-534.	1.2	4
64	Thermodynamic investigation of mixed monolayers of trans-dehydrocrotonin and phospholipids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 358, 42-49.	2.3	4
65	Glutamine-Loaded Liposomes: Preliminary Investigation, Characterization, and Evaluation of Neutrophil Viability. <i>AAPS PharmSciTech</i> , 2016, 17, 446-453.	1.5	4
66	Ab initio and semiempirical (AM1) structural studies of O-(2,2,2-trichloro-1-hydroxyethyl)-benzamidoxime and its hydrogen bonded dimer. <i>Journal of Molecular Structure</i> , 1996, 375, 267-272.	1.8	3
67	Automated search for potentially active compounds by using cluster trees. <i>European Journal of Medicinal Chemistry</i> , 1999, 34, 83-92.	2.6	3
68	Comparison of the interfacial properties of <i>Eugenia uniflora</i> and <i>Triticum vulgare</i> lectins. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 68, 7-12.	2.5	3
69	Validation of a UV-spectrophotometric analytical method for determination of LPSF/AC04 from inclusion complex and liposomes. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2015, 51, 183-191.	1.2	3
70	Coencapsulation of trans-Dehydrocrotonin and trans-Dehydrocrotonin:hydroxypropyl-Î²-cyclodextrin into Microparticles. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	2
71	Validation of an HPLCâ€™UV Method for Quantifying Oncocalyxone A in Different Media and Nanocapsules. <i>Chromatographia</i> , 2019, 82, 809-818.	0.7	2
72	Concomitant caries and calculus formation from in situ dentin caries model. <i>F1000Research</i> , 2013, 2, 3.	0.8	2

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73	Tissue response and retention of micro- and nanosized liposomes in infarcted mice myocardium after ultrasound-guided transthoracic injection. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2022, 173, 141-149.	2.0	2
74	Bioequivalence of Two Lamivudine Tablet Formulations. <i>Arzneimittelforschung</i> , 2001, 51, 310-314.	0.5	1
75	Avaliação farmacocinética de comprimidos contendo lamivudina e zidovudina em plasma humano. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2004, 40, 59-66.	0.5	1
76	Ab initio and semiempirical (AM1) structural studies of O-(2,2,2-trichloro-1-hydroxyethyl)-benzamidoxime and its hydrogen bonded dimer. <i>Computational and Theoretical Chemistry</i> , 1996, 375, 267-272.	1.5	0
77	Desenvolvimento e validação de método analítico em CLAE-LIV para a quantificação de Ácido retinóico em microcápsulas de alginato e quitosana. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2009, 45, 177-183.	1.2	0
78	Levobupivacaine-Loaded Liposome Associated with Thermogel for Prolonged Analgesia. <i>AAPS PharmSciTech</i> , 2021, 22, 104.	1.5	0
79	HOW TO REPRESENT THE GENETIC CODE?. <i>Journal of Biochemistry Education</i> , 2004, 2, 13.	0.1	0
80	VIRUS GENOME IMAGING VIA a2GRAMS: BUILDING A MATLAB TOOLBOX FOR PROKARYOTIC DNA ANALYSIS. <i>Journal of Biochemistry Education</i> , 2005, 3, 21.	0.1	0
81	Oncocalyxone A (oncoA) has intrinsic fluorescence?. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, , 102869.	1.3	0