

Rubiana Mara Mainardes

List of Publications by Year in descending order

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73
papers

3,283
citations

159585

30
h-index

155660

55
g-index

73
all docs

73
docs citations

73
times ranked

5274
citing authors

#	ARTICLE	IF	CITATIONS
1	PLGA nanoparticles containing praziquantel: effect of formulation variables on size distribution. <i>International Journal of Pharmaceutics</i> , 2005, 290, 137-144.	5.2	406
2	Pharmacokinetics of curcumin-loaded PLGA and PLGA-PEG blend nanoparticles after oral administration in rats. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 101, 353-360.	5.0	327
3	Drug Delivery Systems: Past, Present, and Future. <i>Current Drug Targets</i> , 2004, 5, 449-455.	2.1	225
4	Colloidal Carriers for Ophthalmic Drug Delivery. <i>Current Drug Targets</i> , 2005, 6, 363-371.	2.1	131
5	Chitosan-coated zein nanoparticles for oral delivery of resveratrol: Formation, characterization, stability, mucoadhesive properties and antioxidant activity. <i>Food Hydrocolloids</i> , 2019, 94, 411-417.	10.7	120
6	Liposomes and Micro/Nanoparticles as Colloidal Carriers for Nasal Drug Delivery. <i>Current Drug Delivery</i> , 2006, 3, 275-285.	1.6	103
7	Improved neuroprotective effects of resveratrol-loaded polysorbate 80-coated poly(lactide) nanoparticles in MPTP-induced Parkinsonism. <i>Nanomedicine</i> , 2015, 10, 1127-1138.	3.3	99
8	Nanoencapsulation of gallic acid and evaluation of its cytotoxicity and antioxidant activity. <i>Materials Science and Engineering C</i> , 2016, 60, 126-134.	7.3	84
9	Mucoadhesive chitosan-coated PLGA nanoparticles for oral delivery of ferulic acid. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 993-1002.	2.8	81
10	Zidovudine-loaded PLA and PLA-PEG blend nanoparticles: Influence of polymer type on phagocytic uptake by polymorphonuclear cells. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 257-267.	3.3	80
11	PHBV/PCL Microparticles for Controlled Release of Resveratrol: Physicochemical Characterization, Antioxidant Potential, and Effect on Hemolysis of Human Erythrocytes. <i>Scientific World Journal</i> , The, 2012, 2012, 1-13.	2.1	69
12	Resveratrol-loaded nanocapsules inhibit murine melanoma tumor growth. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 144, 65-72.	5.0	66
13	Praziquantel-loaded PLGA nanoparticles: preparation and characterization. <i>Journal of Microencapsulation</i> , 2005, 22, 13-24.	2.8	63
14	Polymeric nanoparticles for oral delivery of 5-fluorouracil: Formulation optimization, cytotoxicity assay and pre-clinical pharmacokinetics study. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 84, 83-91.	4.0	63
15	Thermoanalytical study of praziquantel-loaded PLGA nanoparticles. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2006, 42, 523-530.	0.5	61
16	Intranasal delivery of zidovudine by PLA and PLA-PEG blend nanoparticles. <i>International Journal of Pharmaceutics</i> , 2010, 395, 266-271.	5.2	60
17	Curcumin antifungal and antioxidant activities are increased in the presence of ascorbic acid. <i>Food Chemistry</i> , 2012, 133, 1001-1005.	8.2	60
18	Chitosan functionalized poly (ϵ -caprolactone) nanoparticles for amphotericin B delivery. <i>Carbohydrate Polymers</i> , 2018, 202, 345-354.	10.2	55

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19	Tamoxifen-loaded poly(L-lactide) nanoparticles: Development, characterization and in vitro evaluation of cytotoxicity. <i>Materials Science and Engineering C</i> , 2016, 60, 135-142.	7.3	48
20	Bovine serum albumin-based nanoparticles containing resveratrol: Characterization and antioxidant activity. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 39, 147-155.	3.0	45
21	Delivery of vanillin by poly(lactic-acid) nanoparticles: Development, characterization and in vitro evaluation of antioxidant activity. <i>Materials Science and Engineering C</i> , 2016, 62, 1-8.	7.3	40
22	Assessment of in vitro antifungal efficacy and in vivo toxicity of Amphotericin B-loaded PLGA and PLGA-PEG blend nanoparticles. <i>Journal De Mycologie Medicale</i> , 2017, 27, 519-529.	1.5	40
23	Bovine serum albumin nanoparticles containing amphotericin B were effective in treating murine cutaneous leishmaniasis and reduced the drug toxicity. <i>Experimental Parasitology</i> , 2018, 192, 12-18.	1.2	40
24	The potential role of nanomedicine on COVID-19 therapeutics. <i>Therapeutic Delivery</i> , 2020, 11, 411-414.	2.2	40
25	Formulation, characterization, and in vitro/in vivo studies of capsaicin-loaded albumin nanoparticles. <i>Materials Science and Engineering C</i> , 2018, 93, 70-79.	7.3	39
26	Zein-casein-lysine multicomposite nanoparticles are effective in modulate the intestinal permeability of ferulic acid. <i>International Journal of Biological Macromolecules</i> , 2019, 138, 244-251.	7.5	38
27	Development and characterization of lipid-polymeric nanoparticles for oral insulin delivery. <i>Expert Opinion on Drug Delivery</i> , 2018, 15, 213-222.	5.0	35
28	Bovine Serum Albumin Nanoparticles Containing Quercetin: Characterization and Antioxidant Activity. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 1346-1353.	0.9	34
29	Potential of polymeric nanoparticles in AIDS treatment and prevention. <i>Expert Opinion on Drug Delivery</i> , 2011, 8, 95-112.	5.0	33
30	Development and validation of an HPLC method for the determination of fluorouracil in polymeric nanoparticles. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2013, 49, 117-126.	1.2	33
31	Poly(L-lactide) Nanoparticles Reduce Amphotericin B Cytotoxicity and Maintain Its <math>in vitro</math> Antifungal Activity. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 848-854.	0.9	33
32	Nanotechnological Strategies for the Treatment of Neglected Diseases. <i>Current Pharmaceutical Design</i> , 2013, 19, 7316-7329.	1.9	30
33	Antioxidant and antifungal activities of <i>Camellia sinensis</i> (L.) Kuntze leaves obtained by different forms of production. <i>Brazilian Journal of Biology</i> , 2016, 76, 428-434.	0.9	30
34	Bovine serum albumin-based nanoparticles containing the flavonoid rutin produced by nano spray drying. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 56, .	1.2	29
35	Exploring the Role of Nanoparticles in Amphotericin B Delivery. <i>Current Pharmaceutical Design</i> , 2017, 23, 509-521.	1.9	28
36	Simple and facile approach to synthesize magnetite nanoparticles and assessment of their effects on blood cells. <i>Journal of Magnetism and Magnetic Materials</i> , 2012, 324, 559-563.	2.3	27

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37	Application of a validated HPLC-PDA method for the determination of melatonin content and its release from poly(lactic acid) nanoparticles. <i>Journal of Pharmaceutical Analysis</i> , 2017, 7, 388-393.	5.3	27
38	Antifungal Activity of Chitosan-Coated Poly(lactic-co-glycolic) Acid Nanoparticles Containing Amphotericin B. <i>Mycopathologia</i> , 2018, 183, 659-668.	3.1	27
39	Chitosan modified poly (lactic acid) nanoparticles increased the ursolic acid oral bioavailability. <i>International Journal of Biological Macromolecules</i> , 2021, 172, 133-142.	7.5	27
40	Bovine Serum Albumin Nanoparticles Containing Amphotericin B: Characterization, Cytotoxicity and <i>In Vitro</i> Antifungal Evaluation. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 10183-10188.	0.9	26
41	Resveratrol-Loaded Polymeric Nanoparticles: Validation of an HPLC-PDA Method to Determine the Drug Entrapment and Evaluation of Its Antioxidant Activity. <i>Scientific World Journal</i> , The, 2013, 2013, 1-9.	2.1	25
42	Poly(lactic acid) nanoparticles loaded with ursolic acid: Characterization and in vitro evaluation of radical scavenging activity and cytotoxicity. <i>Materials Science and Engineering C</i> , 2017, 71, 156-166.	7.3	24
43	Curcumin, a Multitarget Phytochemical. <i>Studies in Natural Products Chemistry</i> , 2017, 53, 243-276.	1.8	23
44	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
45	Effect of the o-methyl catechols apocynin, curcumin and vanillin on the cytotoxicity activity of tamoxifen. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013, 28, 734-740.	5.2	22
46	Thermal Decomposition Synthesis and Assessment of Effects on Blood Cells and <i>In Vivo</i> Damages of Cobalt Ferrite Nanoparticles. <i>Journal of Nano Research</i> , 0, 28, 131-140.	0.8	20
47	PLGA Nanoparticles and Polysorbate-80-Coated PLGA Nanoparticles Increase the In vitro Antioxidant Activity of Melatonin. <i>Current Drug Delivery</i> , 2018, 15, 554-563.	1.6	20
48	Development and Validation of an HPLC Method Using Fluorescence Detection for the Quantitative Determination of Curcumin in PLGA and PLGA-PEG Nanoparticles. <i>Current Pharmaceutical Analysis</i> , 2012, 8, 324-333.	0.6	19
49	Nanoencapsulation and Characterization of Zidovudine on Poly(L-lactide) and Poly(L-lactide)â€™Poly(ethylene glycol)-Blend Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 8513-8521.	0.9	19
50	Development and validation of HPLC method for analysis of dexamethasone acetate in microemulsions. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2009, 45, 87-92.	1.2	16
51	Amphotericin B-loaded polymeric nanoparticles: formulation optimization by factorial design. <i>Pharmaceutical Development and Technology</i> , 2016, 21, 140-146.	2.4	16
52	Bovine serum albumin nanoparticles improve the antitumour activity of curcumin in a murine melanoma model. <i>Journal of Microencapsulation</i> , 2018, 35, 467-474.	2.8	16
53	Ursolic acid-loaded lipid-core nanocapsules reduce damage caused by estrogen deficiency in wound healing. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 203, 111720.	5.0	16
54	Colloidal Polymeric Nanoparticles and Brain Drug Delivery. <i>Current Drug Delivery</i> , 2009, 6, 261-273.	1.6	15

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55	Preparation, physicochemical characterization and antioxidant activity of diphenyl diselenide-loaded poly(lactic acid) nanoparticles. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 39, 176-185.	3.0	12
56	Nanoparticles as a Tool for Broadening Antifungal Activities. <i>Current Medicinal Chemistry</i> , 2021, 28, 1841-1873.	2.4	11
57	A stability-indicating high performance liquid chromatography method to determine apocynin in nanoparticles. <i>Journal of Pharmaceutical Analysis</i> , 2017, 7, 129-133.	5.3	8
58	Chitosan-coated poly(ϵ -caprolactone) nanocapsules for mucoadhesive applications of perillyl alcohol. <i>Soft Materials</i> , 2022, 20, 1-11.	1.7	8
59	Determination of amphotericin B in PLA-PEG blend nanoparticles by HPLC-PDA. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2014, 50, 859-868.	1.2	7
60	A stability-indicating HPLC-PDA method for the determination of ferulic acid in chitosan-coated poly(lactide-co-glycolide) nanoparticles. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2017, 53, .	1.2	7
61	Intranasal administration of perillyl alcohol-loaded nanoemulsion and pharmacokinetic study of its metabolite perillic acid in plasma and brain of rats using ultra-performance liquid chromatography/tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2021, 35, e5037.	1.7	7
62	Polyethylene Glycol-Stabilized Zein Nanoparticles Containing Gallic Acid. <i>Food Technology and Biotechnology</i> , 2022, 60, 145-154.	2.1	7
63	Amphotericin B-Loaded Poly(Lactide)-Poly(Ethylene Glycol)-Blend Nanoparticles: Characterization and In Vitro Efficacy and Toxicity. <i>Current Nanoscience</i> , 2013, 9, 594-598.	1.2	6
64	Influence of the Formulation Parameters on the Particle Size and Encapsulation Efficiency of Resveratrol in PLA and PLA-PEG Blend Nanoparticles: A Factorial Design. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 10173-10182.	0.9	6
65	Reversed phase HPLC determination of zidovudine in rat plasma and its pharmacokinetics after a single intranasal dose administration. <i>Biological Research</i> , 2009, 42, .	3.4	6
66	Development and Validation of HPLC-PDA Method for the Quantitative Determination of Diphenyl Diselenide in Poly(lactide) Nanoparticles. <i>Current Pharmaceutical Analysis</i> , 2016, 12, 121-128.	0.6	5
67	Chitosan Nanoparticles Potentiate the in vitro and in vivo Effects of Curcumin and other Natural Compounds. <i>Current Medicinal Chemistry</i> , 2021, 28, 4935-4953.	2.4	5
68	Optimized Chitosan-Coated Gliadin Nanoparticles Improved the Hesperidin Cytotoxicity over Tumor Cells. <i>Brazilian Archives of Biology and Technology</i> , 2021, 64, .	0.5	4
69	A quantitative validated method using liquid chromatography and chemometric analysis for evaluation of raw material of <i>Maytenus ilicifolia</i> (Schrad.) Planch., Celastraceae. <i>Quimica Nova</i> , 2012, 35, 327-331.	0.3	3
70	Preparation and In vitro Evaluation of Efficacy and Toxicity of Polysorbate 80-coated Bovine Serum Albumin Nanoparticles containing Amphotericin B. <i>Current Drug Delivery</i> , 2018, 15, 1055-1063.	1.6	3
71	Nanoparticles of bovine serum albumin for encapsulation of food ingredients. , 2019, , 169-186.		2
72	DEVELOPMENT AND VALIDATION OF A FAST AND SENSITIVE UHPLC-PDA METHOD FOR THE QUANTIFICATION OF URSOLIC ACID IN POLY(L-LACTIC ACID) NANOCAPSULES. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 0, , 161-165.	0.3	1

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73	Efeito da nicotina sobre fagÃ³citos ativados. Acta Scientiarum - Health Sciences, 2013, 35, .	0.2	0