

Najeh Maissar Khalil

List of Publications by Year in descending order

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50
papers

2,005
citations

236925

25
h-index

243625

44
g-index

50
all docs

50
docs citations

50
times ranked

3449
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Colloidal Carriers for Ophthalmic Drug Delivery. <i>Current Drug Targets</i> , 2005, 6, 363-371.	2.1	131
3	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
4	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
5	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
6	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
7	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
8	Flavonols from <i>Pterogyne nitens</i> and their evaluation as myeloperoxidase inhibitors. <i>Phytochemistry</i> , 2008, 69, 1739-1744.	2.9	67
9	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
10	Intranasal delivery of zidovudine by PLA and PLA-PEG blend nanoparticles. <i>International Journal of Pharmaceutics</i> , 2010, 395, 266-271.	5.2	60
11	Curcumin antifungal and antioxidant activities are increased in the presence of ascorbic acid. <i>Food Chemistry</i> , 2012, 133, 1001-1005.	8.2	60
12	Chitosan functionalized poly(ϵ -caprolactone) nanoparticles for amphotericin B delivery. <i>Carbohydrate Polymers</i> , 2018, 202, 345-354.	10.2	55
13	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
14	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
15	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
16	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
17	Bovine Serum Albumin Nanoparticles Containing Quercetin: Characterization and Antioxidant Activity. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 1346-1353.	0.9	34
18	Potential of polymeric nanoparticles in AIDS treatment and prevention. <i>Expert Opinion on Drug Delivery</i> , 2011, 8, 95-112.	5.0	33

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19	Poly(L-lactide) Nanoparticles Reduce Amphotericin B Cytotoxicity and Maintain Its </>In Vitro</> Antifungal Activity. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 848-854.	0.9	33
20	Antioxidant activity, ascorbic acid and total phenol of exotic fruits occurring in Brazil. <i>International Journal of Food Sciences and Nutrition</i> , 2009, 60, 439-448.	2.8	32
21	Nanotechnological Strategies for the Treatment of Neglected Diseases. <i>Current Pharmaceutical Design</i> , 2013, 19, 7316-7329.	1.9	30
22	The effect of non–surgical periodontal therapy on peroxidase activity in diabetic patients: a case–control pilot study. <i>Journal of Clinical Periodontology</i> , 2008, 35, 799-806.	4.9	29
23	Exploring the Role of Nanoparticles in Amphotericin B Delivery. <i>Current Pharmaceutical Design</i> , 2017, 23, 509-521.	1.9	28
24	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
25	Antifungal Activity of Chitosan-Coated Poly(lactic-co-glycolic) Acid Nanoparticles Containing Amphotericin B. <i>Mycopathologia</i> , 2018, 183, 659-668.	3.1	27
26	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
27	Bovine Serum Albumin Nanoparticles Containing Amphotericin B: Characterization, Cytotoxicity and </>In Vitro</> Antifungal Evaluation. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 10183-10188.	0.9	26
28	Effect of the Isocoumarin Paepalantine on the Luminol and Lucigenin Amplified Chemiluminescence of Rat Neutrophils. <i>Biological and Pharmaceutical Bulletin</i> , 2003, 26, 905-908.	1.4	24
29	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
30	Curcumin, a Multitarget Phytochemical. <i>Studies in Natural Products Chemistry</i> , 2017, 53, 243-276.	1.8	23
31	Preliminary in vitro and ex vivo evaluation of afzelin, kaempferitrin and pterogynoside action over free radicals and reactive oxygen species. <i>Archives of Pharmacal Research</i> , 2015, 38, 1168-1177.	6.3	21
32	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
33	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
34	Amphotericin B-loaded polymeric nanoparticles: formulation optimization by factorial design. <i>Pharmaceutical Development and Technology</i> , 2016, 21, 140-146.	2.4	16
35	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
36	Colloidal Polymeric Nanoparticles and Brain Drug Delivery. <i>Current Drug Delivery</i> , 2009, 6, 261-273.	1.6	15

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37	Effects of Silver Nanoparticle Exposure to the Testicular Antioxidant System during the Prepubertal Rat Stage. <i>Chemical Research in Toxicology</i> , 2019, 32, 986-994.	3.3	15
38	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
39	Nanoparticles as a Tool for Broadening Antifungal Activities. <i>Current Medicinal Chemistry</i> , 2021, 28, 1841-1873.	2.4	11
40	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
41	Chitosan-coated poly(ϵ -caprolactone) nanocapsules for mucoadhesive applications of perillyl alcohol. <i>Soft Materials</i> , 2022, 20, 1-11.	1.7	8
42	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
43	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
44	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
45	Polyethylene Glycol-Stabilized Zein Nanoparticles Containing Gallic Acid. <i>Food Technology and Biotechnology</i> , 2022, 60, 145-154.	2.1	7
46	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
47	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
48	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
49	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
50	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