

Xiuhua Zhao

List of Publications by Year in descending order

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58
papers

1,385
citations

304743

22
h-index

361022

35
g-index

58
all docs

58
docs citations

58
times ranked

2104
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation, characterization, and in vitro targeted delivery of folate-decorated paclitaxel-loaded bovine serum albumin nanoparticles. <i>International Journal of Nanomedicine</i> , 2010, 5, 669.	6.7	162
2	Recent advances in the development of near-infrared organic photothermal agents. <i>Chemical Engineering Journal</i> , 2021, 417, 128844.	12.7	86
3	Enhancement of solubility, antioxidant ability and bioavailability of taxifolin nanoparticles by liquid antisolvent precipitation technique. <i>International Journal of Pharmaceutics</i> , 2014, 471, 366-376.	5.2	77
4	Preparation and characterization of amorphous amphotericin B nanoparticles for oral administration through liquid antisolvent precipitation. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 53, 109-117.	4.0	74
5	Preparation and characterization of paclitaxel nanosuspension using novel emulsification method by combining high speed homogenizer and high pressure homogenization. <i>International Journal of Pharmaceutics</i> , 2015, 490, 324-333.	5.2	59
6	Preparation of 10-hydroxycamptothecin-loaded glycyrrhizic acid-conjugated bovine serum albumin nanoparticles for hepatocellular carcinoma-targeted drug delivery. <i>International Journal of Nanomedicine</i> , 2013, 8, 1207.	6.7	53
7	Preparation, characterization, and evaluation in vivo of Ins-SiO ₂ -HP55 (insulin-loaded silica coating) Tj ETQq1 1 0.784314 rgBT ₄₉ /Overload	5.2	49
8	Effects of nitro- and amino-group on the antioxidant activity of genistein: A theoretical study. <i>Food Chemistry</i> , 2019, 275, 339-345.	8.2	49
9	Preparation and characterization of betulin nanoparticles for oral hypoglycemic drug by antisolvent precipitation. <i>Drug Delivery</i> , 2014, 21, 467-479.	5.7	39
10	Loading paclitaxel into porous starch in the form of nanoparticles to improve its dissolution and bioavailability. <i>International Journal of Biological Macromolecules</i> , 2019, 138, 207-214.	7.5	37
11	A Novel Preparation Method for Camptothecin (CPT) Loaded Folic Acid Conjugated Dextran Tumor-Targeted Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2011, 12, 4237-4249.	4.1	36
12	Preparation and characterization of micronized ellagic acid using antisolvent precipitation for oral delivery. <i>International Journal of Pharmaceutics</i> , 2015, 486, 207-216.	5.2	34
13	Preparation and Characterization of Micronized Artemisinin via a Rapid Expansion of Supercritical Solutions (RESS) Method. <i>International Journal of Molecular Sciences</i> , 2012, 13, 5060-5073.	4.1	29
14	Preparation of honokiol nanoparticles by liquid antisolvent precipitation technique, characterization, pharmacokinetics, and evaluation of inhibitory effect on HepG2 cells. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 5469-5483.	6.7	28
15	Melatonin-loaded silica coated with hydroxypropyl methylcellulose phthalate for enhanced oral bioavailability: Preparation, and in vitro-in vivo evaluation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 112, 58-66.	4.3	27
16	Preparation, characterization and in vitro evaluation of melatonin-loaded porous starch for enhanced bioavailability. <i>Carbohydrate Polymers</i> , 2018, 202, 125-133.	10.2	27
17	Micronization of Ginkgo biloba extract using supercritical antisolvent process. <i>Powder Technology</i> , 2011, 209, 73-80.	4.2	26
18	In vitro dissolution enhancement of micronized l-nimodipine by antisolvent re-crystallization from its crystal form H. <i>International Journal of Pharmaceutics</i> , 2014, 464, 1-9.	5.2	26

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19	Melatonin loaded with bacterial cellulose nanofiber by Pickering-emulsion solvent evaporation for enhanced dissolution and bioavailability. <i>International Journal of Pharmaceutics</i> , 2019, 559, 393-401.	5.2	24
20	Crystal Structure, Solubility, and Pharmacokinetic Study on a Hesperetin Cocrystal with Piperine as Coformer. <i>Pharmaceutics</i> , 2022, 14, 94.	4.5	24
21	Liquid antisolvent precipitation: an effective method for ocular targeting of lutein esters. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 2667-2681.	6.7	23
22	Solubility, Antioxidation, and Oral Bioavailability Improvement of Mangiferin Microparticles Prepared Using the Supercritical Antisolvent Method. <i>Pharmaceutics</i> , 2020, 12, 90.	4.5	23
23	The high water solubility of inclusion complex of taxifolin- β -CD prepared and characterized by the emulsion solvent evaporation and the freeze drying combination method. <i>International Journal of Pharmaceutics</i> , 2014, 477, 148-158.	5.2	22
24	Silymarin nanoparticles through emulsion solvent evaporation method for oral delivery with high antioxidant activities, bioavailability, and absorption in the liver. <i>RSC Advances</i> , 2016, 6, 93137-93146.	3.6	21
25	Preparation and Physicochemical Properties of 10-Hydroxycamptothecin (HCPT) Nanoparticles by Supercritical Antisolvent (SAS) Process. <i>International Journal of Molecular Sciences</i> , 2011, 12, 2678-2691.	4.1	20
26	A Novel Active Targeting Preparation, Vinorelbine Tartrate (VLBT) Encapsulated by Folate-Conjugated Bovine Serum Albumin (BSA) Nanoparticles: Preparation, Characterization and in Vitro Release Study. <i>Materials</i> , 2012, 5, 2403-2422.	2.9	20
27	Microwave-Assisted Simultaneous Extraction of Luteolin and Apigenin from Tree Peony Pod and Evaluation of Its Antioxidant Activity. <i>Scientific World Journal</i> , The, 2014, 2014, 1-12.	2.1	19
28	Preparation and characterization of luteolin nanoparticles for enhance bioavailability and inhibit liver microsomal peroxidation in rats. <i>Journal of Functional Foods</i> , 2019, 55, 57-64.	3.4	18
29	Process optimization studies of 10-Hydroxycamptothecin (HCPT)-loaded folate-conjugated chitosan nanoparticles by SAS-ionic crosslink combination using response surface methodology (RSM). <i>Applied Surface Science</i> , 2012, 258, 2000-2005.	6.1	17
30	Purification of <i>Ginkgo biloba</i> Extract by Antisolvent Recrystallization. <i>Chemical Engineering and Technology</i> , 2016, 39, 1301-1308.	1.5	15
31	Process optimisation of microwave-assisted extraction of peony (<i>Paeonia suffruticosa</i> Andr.) seed oil using hexane-ethanol mixture and its characterisation. <i>International Journal of Food Science and Technology</i> , 2016, 51, 2663-2673.	2.7	15
32	Preparation, characterization and bioavailability of oral puerarin nanoparticles by emulsion solvent evaporation method. <i>RSC Advances</i> , 2016, 6, 69889-69901.	3.6	14
33	Improving the skin penetration and antifebrile activity of ibuprofen by preparing nanoparticles using emulsion solvent evaporation method. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 114, 293-302.	4.0	14
34	Ursolic acid nanoparticles for oral delivery prepared by emulsion solvent evaporation method: characterization, in vitro evaluation of radical scavenging activity and bioavailability. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 609-620.	2.8	14
35	How the functional group substitution and solvent effects affect the antioxidant activity of (+)-catechin?. <i>Journal of Molecular Liquids</i> , 2021, 327, 114818.	4.9	14
36	Enhanced dissolution rate and oral bioavailability of ginkgo biloba extract by preparing nanoparticles via emulsion solvent evaporation combined with freeze drying (ESE-FR). <i>RSC Advances</i> , 2016, 6, 77346-77357.	3.6	13

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37	Enhanced bioaccessibility <i>in vitro</i> and bioavailability of Ginkgo biloba extract nanoparticles prepared by liquid anti-solvent precipitation. <i>International Journal of Food Science and Technology</i> , 2019, 54, 2266-2276.	2.7	13
38	Pickering emulsions stabilized by luteolin micro-nano particles to improve the oxidative stability of pine nut oil. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 1314-1322.	3.5	13
39	Optimization of Ellagic Acid Purification from Pomegranate Husk by Antisolvent Recrystallization. <i>Chemical Engineering and Technology</i> , 2018, 41, 1188-1198.	1.5	11
40	Screening of functional monomers and solvents for the molecular imprinting of paclitaxel separation: a theoretical study. <i>Journal of Molecular Modeling</i> , 2020, 26, 26.	1.8	11
41	Ultrasonic Microwave-Assisted Micelle Combined with Fungal Pretreatment of <i>Eucommia ulmoides</i> Leaves Significantly Improved the Extraction Efficiency of Total Flavonoids and Gutta-Percha. <i>Foods</i> , 2021, 10, 2399.	4.3	11
42	Inclusion complex of peony (<i>Paeonia suffruticosa</i> Andr.) seed oil with β -cyclodextrin: preparation, characterisation and bioavailability enhancement. <i>International Journal of Food Science and Technology</i> , 2017, 52, 2352-2361.	2.7	10
43	Preparation and characterization of cefquinome sulfate microparticles for transdermal delivery by negative-pressure cavitation antisolvent precipitation. <i>Powder Technology</i> , 2016, 294, 429-436.	4.2	9
44	Enhanced Water Solubility and Oral Bioavailability of Paclitaxel Crystal Powders through an Innovative Antisolvent Precipitation Process: Antisolvent Crystallization Using Ionic Liquids as Solvent. <i>Pharmaceutics</i> , 2020, 12, 1008.	4.5	8
45	Preparation and Physicochemical Properties of Vinblastine Microparticles by Supercritical Antisolvent Process. <i>International Journal of Molecular Sciences</i> , 2012, 13, 12598-12607.	4.1	7
46	Nanocrystallization of the Pharmaceutically Active Agent Genipin by an Emulsion Solvent Evaporation Method. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-13.	2.7	7
47	Improved water dispersion and bioavailability of coenzyme Q10 by bacterial cellulose nanofibers. <i>Carbohydrate Polymers</i> , 2022, 276, 118788.	10.2	7
48	Highly Water-Soluble Solid Dispersions of Honokiol: Preparation, Solubility, and Bioavailability Studies and Anti-Tumor Activity Evaluation. <i>Pharmaceutics</i> , 2019, 11, 573.	4.5	6
49	Preparation and Optimization of 10-Hydroxycamptothecin Nanocolloidal Particles Using Antisolvent Method Combined with High Pressure Homogenization. <i>Journal of Chemistry</i> , 2017, 2017, 1-10.	1.9	4
50	Phloretin loaded porous starch (Ph-PS): Preparation, characterization, in vitro release and protective effect against oxidative stress in vivo zebrafish model. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 2047-2053.	7.5	4
51	Artemisinin hydroxypropyl- β -cyclodextrin inclusion complex loaded with porous starch for enhanced bioavailability. <i>International Journal of Biological Macromolecules</i> , 2022, 211, 207-217.	7.5	4
52	An "all-in-one" strategy based on the organic molecule DCN-4CQA for effective NIR-fluorescence-imaging-guided dual phototherapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5785-5793.	5.8	3
53	Improving the antioxidant activity of natural antioxidant honokiol by introducing the amino group. <i>Journal of Molecular Modeling</i> , 2021, 27, 350.	1.8	3
54	A novel water-soluble phthalocyanine-based organic molecule for the effective NIR triggered dual phototherapy of cancer. <i>New Journal of Chemistry</i> , 2022, 46, 6353-6359.	2.8	2

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55	Study on the preparation and activity of intelligent response poly(lactic-co-glycolic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 T 088532822210881.	2.4	2
56	Robust fluorescent amphiphilic polymer micelle for drug carrier application. <i>New Journal of Chemistry</i> , 2021, 45, 9409-9415.	2.8	1
57	A DFT study on the structure activity relationship of the natural xanthotoxin-based pharmaceutical cocrystals. <i>Journal of Molecular Modeling</i> , 2022, 28, 155.	1.8	1
58	Antioxidative Activity Evaluation of High Purity and Micronized Tartary Buckwheat Flavonoids Prepared by Antisolvent Recrystallization. <i>Foods</i> , 2022, 11, 1346.	4.3	0