

Xiuhua Zhao

List of Publications by Year in descending order

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58
papers

1,385
citations

304743

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h-index

361022

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58
all docs

58
docs citations

58
times ranked

2104
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved water dispersion and bioavailability of coenzyme Q10 by bacterial cellulose nanofibers. <i>Carbohydrate Polymers</i> , 2022, 276, 118788.	10.2	7
2	Crystal Structure, Solubility, and Pharmacokinetic Study on a Hesperetin Cocrystal with Piperine as Coformer. <i>Pharmaceutics</i> , 2022, 14, 94.	4.5	24
3	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
4	Study on the preparation and activity of intelligent response poly(lactic-co-glycolic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (acid)-s 088532822210881.	2.4	2
5	Antioxidative Activity Evaluation of High Purity and Micronized Tartary Buckwheat Flavonoids Prepared by Antisolvent Recrystallization. <i>Foods</i> , 2022, 11, 1346.	4.3	0
6	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
7	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
8	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
9	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
10	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
11	Recent advances in the development of near-infrared organic photothermal agents. <i>Chemical Engineering Journal</i> , 2021, 417, 128844.	12.7	86
12	Robust fluorescent amphiphilic polymer micelle for drug carrier application. <i>New Journal of Chemistry</i> , 2021, 45, 9409-9415.	2.8	1
13	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
14	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
15	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
16	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
17	Solubility, Antioxidation, and Oral Bioavailability Improvement of Mangiferin Microparticles Prepared Using the Supercritical Antisolvent Method. <i>Pharmaceutics</i> , 2020, 12, 90.	4.5	23
18	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

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19	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
20	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
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	Enhanced bioaccessibility <i>in vitro</i> and bioavailability of Ginkgo biloba extract nanoparticles prepared by liquid antisolvent precipitation. <i>International Journal of Food Science and Technology</i> , 2019, 54, 2266-2276.	2.7	13
23	Ursolic acid nanoparticles for oral delivery prepared by emulsion solvent evaporation method: characterization, <i>in vitro</i> evaluation of radical scavenging activity and bioavailability. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 609-620.	2.8	14
24	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
25	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
26	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
27	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
28	Optimization of Ellagic Acid Purification from Pomegranate Husk by Antisolvent Recrystallization. <i>Chemical Engineering and Technology</i> , 2018, 41, 1188-1198.	1.5	11
29	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
30	Preparation, characterization and <i>in vitro</i> evaluation of melatonin-loaded porous starch for enhanced bioavailability. <i>Carbohydrate Polymers</i> , 2018, 202, 125-133.	10.2	27
31	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
32	Melatonin-loaded silica coated with hydroxypropyl methylcellulose phthalate for enhanced oral bioavailability: Preparation, and <i>in vitro-in vivo</i> evaluation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 112, 58-66.	4.3	27
33	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
34	Preparation, characterization and bioavailability of oral puerarin nanoparticles by emulsion solvent evaporation method. <i>RSC Advances</i> , 2016, 6, 69889-69901.	3.6	14
35	Purification of <i>Ginkgo biloba</i> Extract by Antisolvent Recrystallization. <i>Chemical Engineering and Technology</i> , 2016, 39, 1301-1308.	1.5	15
36	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

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37	Enhanced dissolution rate and oral bioavailability of ginkgo biloba extract by preparing nanoparticles via emulsion solvent evaporation combined with freeze drying (ESE-FR). RSC Advances, 2016, 6, 77346-77357.	3.6	13
38	Process optimisation of microwave-assisted extraction of peony (<i>Paeonia suffruticosa</i> Andr.) seed oil using hexane-ethanol mixture and its characterisation. International Journal of Food Science and Technology, 2016, 51, 2663-2673.	2.7	15
39	Preparation and characterization of cefquinome sulfate microparticles for transdermal delivery by negative-pressure cavitation antisolvent precipitation. Powder Technology, 2016, 294, 429-436.	4.2	9
40	Preparation and characterization of paclitaxel nanosuspension using novel emulsification method by combining high speed homogenizer and high pressure homogenization. International Journal of Pharmaceutics, 2015, 490, 324-333.	5.2	59
41	Preparation and characterization of micronized ellagic acid using antisolvent precipitation for oral delivery. International Journal of Pharmaceutics, 2015, 486, 207-216.	5.2	34
42	Microwave-Assisted Simultaneous Extraction of Luteolin and Apigenin from Tree Peony Pod and Evaluation of Its Antioxidant Activity. Scientific World Journal, The, 2014, 2014, 1-12.	2.1	19
43	Nanocrystallization of the Pharmaceutically Active Agent Genipin by an Emulsion Solvent Evaporation Method. Journal of Nanomaterials, 2014, 2014, 1-13.	2.7	7
44	In vitro dissolution enhancement of micronized l-nimodipine by antisolvent re-crystallization from its crystal form H. International Journal of Pharmaceutics, 2014, 464, 1-9.	5.2	26
45	Preparation and characterization of amorphous amphotericin B nanoparticles for oral administration through liquid antisolvent precipitation. European Journal of Pharmaceutical Sciences, 2014, 53, 109-117.	4.0	74
46	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. International Journal of Pharmaceutics, 2014, 477, 148-158.	5.2	22
47	Preparation and characterization of betulin nanoparticles for oral hypoglycemic drug by antisolvent precipitation. Drug Delivery, 2014, 21, 467-479.	5.7	39
48	Enhancement of solubility, antioxidant ability and bioavailability of taxifolin nanoparticles by liquid antisolvent precipitation technique. International Journal of Pharmaceutics, 2014, 471, 366-376.	5.2	77
49	Preparation, characterization, and evaluation in vivo of Ins-SiO ₂ -HP55 (insulin-loaded silica coating) Tj ETQq1 1 0.784314 rgBT/Overlo	5.2	49
50	Preparation of 10-hydroxycamptothecin-loaded glycyrrhizic acid-conjugated bovine serum albumin nanoparticles for hepatocellular carcinoma-targeted drug delivery. International Journal of Nanomedicine, 2013, 8, 1207.	6.7	53
51	Preparation and Physicochemical Properties of Vinblastine Microparticles by Supercritical Antisolvent Process. International Journal of Molecular Sciences, 2012, 13, 12598-12607.	4.1	7
52	Preparation and Characterization of Micronized Artemisinin via a Rapid Expansion of Supercritical Solutions (RESS) Method. International Journal of Molecular Sciences, 2012, 13, 5060-5073.	4.1	29
53	A Novel Active Targeting Preparation, Vinorelbine Tartrate (VLBT) Encapsulated by Folate-Conjugated Bovine Serum Albumin (BSA) Nanoparticles: Preparation, Characterization and in Vitro Release Study. Materials, 2012, 5, 2403-2422.	2.9	20
54	Process optimization studies of 10-Hydroxycamptothecin (HCPT)-loaded folate-conjugated chitosan nanoparticles by SAS-ionic crosslink combination using response surface methodology (RSM). Applied Surface Science, 2012, 258, 2000-2005.	6.1	17

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55	Micronization of Ginkgo biloba extract using supercritical antisolvent process. Powder Technology, 2011, 209, 73-80.	4.2	26
56	Preparation and Physicochemical Properties of 10-Hydroxycamptothecin (HCPT) Nanoparticles by Supercritical Antisolvent (SAS) Process. International Journal of Molecular Sciences, 2011, 12, 2678-2691.	4.1	20
57	A Novel Preparation Method for Camptothecin (CPT) Loaded Folic Acid Conjugated Dextran Tumor-Targeted Nanoparticles. International Journal of Molecular Sciences, 2011, 12, 4237-4249.	4.1	36
58	Preparation, characterization, and in vitro targeted delivery of folate-decorated paclitaxel-loaded bovine serum albumin nanoparticles. International Journal of Nanomedicine, 2010, 5, 669.	6.7	162