

Ying Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

5,202
citations

94415

37
h-index

95259

68
g-index

110
all docs

110
docs citations

110
times ranked

7362
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymeric micelles drug delivery system in oncology. <i>Journal of Controlled Release</i> , 2012, 159, 312-323.	9.9	484
2	Stability of nanosuspensions in drug delivery. <i>Journal of Controlled Release</i> , 2013, 172, 1126-1141.	9.9	339
3	Drugs for Autoimmune Inflammatory Diseases: From Small Molecule Compounds to Anti-TNF Biologics. <i>Frontiers in Pharmacology</i> , 2017, 8, 460.	3.5	246
4	Self-nanoemulsifying drug delivery system (SNEDDS) for oral delivery of Zedoary essential oil: Formulation and bioavailability studies. <i>International Journal of Pharmaceutics</i> , 2010, 383, 170-177.	5.2	238
5	Curcumin-loaded solid lipid nanoparticles have prolonged in vitro antitumour activity, cellular uptake and improved in vivo bioavailability. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 111, 367-375.	5.0	220
6	Investigation of intestinal absorption and disposition of green tea catechins by Caco-2 monolayer model. <i>International Journal of Pharmaceutics</i> , 2004, 287, 1-12.	5.2	173
7	Physicochemical and Structural Characterization of Quercetin- β -Cyclodextrin Complexes. <i>Journal of Pharmaceutical Sciences</i> , 2005, 94, 1079-1089.	3.3	159
8	Formulation Development and Bioavailability Evaluation of a Self-Nanoemulsified Drug Delivery System of Oleanolic Acid. <i>AAPS PharmSciTech</i> , 2009, 10, 172-182.	3.3	155
9	Enhanced topical penetration, system exposure and anti-psoriasis activity of two particle-sized, curcumin-loaded PLGA nanoparticles in hydrogel. <i>Journal of Controlled Release</i> , 2017, 254, 44-54.	9.9	129
10	Application of flash nanoprecipitation to fabricate poorly water-soluble drug nanoparticles. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 4-18.	12.0	124
11	Application of Förster Resonance Energy Transfer (FRET) technique to elucidate intracellular and In Vivo biofate of nanomedicines. <i>Advanced Drug Delivery Reviews</i> , 2019, 143, 177-205.	13.7	118
12	Engineered exosomes: desirable target-tracking characteristics for cerebrovascular and neurodegenerative disease therapies. <i>Theranostics</i> , 2021, 11, 8926-8944.	10.0	95
13	Resveratrol cocrystals with enhanced solubility and tableability. <i>International Journal of Pharmaceutics</i> , 2016, 509, 391-399.	5.2	87
14	In vitro and in vivo anticancer activity of a novel puerarin nanosuspension against colon cancer, with high efficacy and low toxicity. <i>International Journal of Pharmaceutics</i> , 2013, 441, 728-735.	5.2	85
15	Loading of water-insoluble celastrol into niosome hydrogels for improved topical permeation and anti-psoriasis activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110352.	5.0	75
16	Particle size effect of curcumin nanosuspensions on cytotoxicity, cellular internalization, in vivo pharmacokinetics and biodistribution. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 943-953.	3.3	74
17	Comparison of Spray Freeze Drying and the Solvent Evaporation Method for Preparing Solid Dispersions of Baicalein with Pluronic F68 to Improve Dissolution and Oral Bioavailability. <i>AAPS PharmSciTech</i> , 2011, 12, 104-113.	3.3	72
18	Small-Sized mPEG-PLGA Nanoparticles of Schisantherin A with Sustained Release for Enhanced Brain Uptake and Anti-Parkinsonian Activity. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 9516-9527.	8.0	71

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19	Spray freeze drying with polyvinylpyrrolidone and sodium caprate for improved dissolution and oral bioavailability of oleanolic acid, a BCS Class IV compound. <i>International Journal of Pharmaceutics</i> , 2011, 404, 148-158.	5.2	69
20	Anti-proliferative and pro-apoptotic effect of <i>Smilax glabra</i> Roxb. extract on hepatoma cell lines. <i>Chemico-Biological Interactions</i> , 2008, 171, 1-14.	4.0	66
21	Fructo-oligosaccharides from <i>Morinda officinalis</i> remodeled gut microbiota and alleviated depression features in a stress rat model. <i>Phytomedicine</i> , 2020, 67, 153157.	5.3	65
22	Nanomedicines modulating tumor immunosuppressive cells to enhance cancer immunotherapy. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 2054-2074.	12.0	65
23	An eco-friendly in situ activatable antibiotic via cucurbit[8]uril-mediated supramolecular crosslinking of branched polyethylenimine. <i>Chemical Communications</i> , 2017, 53, 5870-5873.	4.1	58
24	Identification of New Cocrystal Systems with Stoichiometric Diversity of Salicylic Acid Using Thermal Methods. <i>Pharmaceutical Research</i> , 2016, 33, 1030-1039.	3.5	57
25	Tablets of multi-unit pellet system for controlled drug delivery. <i>Journal of Controlled Release</i> , 2017, 262, 222-231.	9.9	56
26	Psoriasis therapy by Chinese medicine and modern agents. <i>Chinese Medicine</i> , 2018, 13, 16.	4.0	56
27	Zebrafish: A promising in vivo model for assessing the delivery of natural products, fluorescence dyes and drugs across the blood-brain barrier. <i>Pharmacological Research</i> , 2017, 125, 246-257.	7.1	54
28	Enhanced in vitro and in vivo uptake of a hydrophobic model drug coumarin-6 in the presence of cucurbit[7]uril. <i>MedChemComm</i> , 2015, 6, 1370-1374.	3.4	53
29	Formulation of 20(S)-protopanaxadiol nanocrystals to improve oral bioavailability and brain delivery. <i>International Journal of Pharmaceutics</i> , 2016, 497, 239-247.	5.2	52
30	Receptor mediated transcytosis in biological barrier: The influence of receptor character and their ligand density on the transmembrane pathway of active-targeting nanocarriers. <i>Biomaterials</i> , 2018, 180, 78-90.	11.4	52
31	Can machine learning predict drug nanocrystals?. <i>Journal of Controlled Release</i> , 2020, 322, 274-285.	9.9	52
32	Rational particle design to overcome pulmonary barriers for obstructive lung diseases therapy. <i>Journal of Controlled Release</i> , 2019, 314, 48-61.	9.9	49
33	Evaluation of genipin-crosslinked chitosan hydrogels as a potential carrier for silver sulfadiazine nanocrystals. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 148, 343-353.	5.0	48
34	Oral Delivery of a Nanocrystal Formulation of Schisantherin A with Improved Bioavailability and Brain Delivery for the Treatment of Parkinson's Disease. <i>Molecular Pharmaceutics</i> , 2016, 13, 3864-3875.	4.6	47
35	Production and characterization of a spray-dried hydroxypropyl- β -cyclodextrin/quercetin complex. <i>Drug Development and Industrial Pharmacy</i> , 2009, 35, 727-734.	2.0	46
36	Transport Mechanism of Coumarin 6 Nanocrystals with Two Particle Sizes in MDCKII Monolayer and Larval Zebrafish. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 12620-12630.	8.0	42

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37	Imaging of macrophage mitochondria dynamics <i>in vivo</i> reveals cellular activation phenotype for diagnosis. <i>Theranostics</i> , 2020, 10, 2897-2917.	10.0	41
38	Enhanced uptake and anti-maturation effect of celastrol-loaded mannosylated liposomes on dendritic cells for psoriasis treatment. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 339-352.	12.0	40
39	A Strategy for the Improvement of the Bioavailability and Antiosteoporosis Activity of BCS IV Flavonoid Glycosides through the Formulation of Their Lipophilic Aglycone into Nanocrystals. <i>Molecular Pharmaceutics</i> , 2013, 10, 2534-2542.	4.6	39
40	Pluronic P85/F68 Micelles of Baicalein Could Interfere with Mitochondria to Overcome MRP2-Mediated Efflux and Offer Improved Anti-Parkinsonian Activity. <i>Molecular Pharmaceutics</i> , 2017, 14, 3331-3342.	4.6	38
41	Development and Characterisation of Ursolic Acid Nanocrystals Without Stabiliser Having Improved Dissolution Rate and In Vitro Anticancer Activity. <i>AAPS PharmSciTech</i> , 2014, 15, 11-19.	3.3	37
42	Discovery of novel anti-parkinsonian effect of schisantherin A in in vitro and in vivo. <i>Neuroscience Letters</i> , 2015, 593, 7-12.	2.1	37
43	Zebrafish as a visual and dynamic model to study the transport of nanosized drug delivery systems across the biological barriers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 156, 227-235.	5.0	37
44	Particle size tailoring of ursolic acid nanosuspensions for improved anticancer activity by controlled antisolvent precipitation. <i>International Journal of Pharmaceutics</i> , 2015, 494, 479-489.	5.2	36
45	Schisantherin A Attenuates Neuroinflammation in Activated Microglia: Role of Nrf2 Activation Through ERK Phosphorylation. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 1769-1784.	1.6	35
46	Oral absorption and excretion of icaritin, an aglycone and also active metabolite of prenylflavonoids from the Chinese medicine <i>Herba Epimedii</i> in rats. <i>Phytomedicine</i> , 2012, 19, 1024-1028.	5.3	33
47	Transmembrane Pathways and Mechanisms of Rod-like Paclitaxel Nanocrystals through MDCK Polarized Monolayer. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 5803-5816.	8.0	33
48	Macrophage-hitchhiking supramolecular aggregates of CuS nanoparticles for enhanced tumor deposition and photothermal therapy. <i>Nanoscale Horizons</i> , 2021, 6, 907-912.	8.0	32
49	Curcumin Acetate Nanocrystals for Sustained Pulmonary Delivery: Preparation, Characterization and In Vivo Evaluation. <i>Journal of Biomedical Nanotechnology</i> , 2017, 13, 99-109.	1.1	30
50	Physical characterization of oleanolic acid nonsolvate and solvates prepared by solvent recrystallization. <i>International Journal of Pharmaceutics</i> , 2008, 355, 195-202.	5.2	29
51	Size effect of curcumin nanocrystals on dissolution, airway mucosa penetration, lung tissue distribution and absorption by pulmonary delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 186, 110703.	5.0	29
52	The role of caveolin-1 in the biofate and efficacy of anti-tumor drugs and their nano-drug delivery systems. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 961-977.	12.0	29
53	Supramolecular formulation of nitidine chloride can alleviate its hepatotoxicity and improve its anticancer activity. <i>Food and Chemical Toxicology</i> , 2017, 109, 923-929.	3.6	27
54	Comparison of normal versus imiquimod-induced psoriatic skin in mice for penetration of drugs and nanoparticles. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 5625-5635.	6.7	26

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55	Hepatitis B virus infection and the risk of nonalcoholic fatty liver disease: a meta-analysis. <i>Oncotarget</i> , 2017, 8, 107295-107302.	1.8	25
56	Therapeutic potential of triptolide in autoimmune diseases and strategies to reduce its toxicity. <i>Chinese Medicine</i> , 2021, 16, 114.	4.0	25
57	Concealing the taste of the Guinness World's most bitter substance by using a synthetic nanocontainer. <i>Nanoscale</i> , 2017, 9, 10606-10609.	5.6	23
58	Synthesis, crystal structures and phase transformation of the new solid-state forms of tetrandrine. <i>RSC Advances</i> , 2014, 4, 62586-62593.	3.6	22
59	Toward understanding the prolonged circulation and elimination mechanism of crosslinked polymeric micelles in zebrafish model. <i>Biomaterials</i> , 2020, 256, 120180.	11.4	22
60	Uptake and trafficking of different sized PLGA nanoparticles by dendritic cells in imiquimod-induced psoriasis-like mice model. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1047-1055.	12.0	22
61	High-affinity host-guest complex of cucurbit[7]uril with a bis(thiazolium) salt. <i>RSC Advances</i> , 2015, 5, 56110-56115.	3.6	21
62	Encapsulation of low lipophilic and slightly water-soluble dihydroartemisinin in PLGA nanoparticles with phospholipid to enhance encapsulation efficiency and <i>in vitro</i> bioactivity. <i>Journal of Microencapsulation</i> , 2016, 33, 43-52.	2.8	21
63	A general platform for efficient extracellular expression and purification of Fab from <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 3341-3353.	3.6	21
64	Cyclodextrin-Derived ROS-Generating Nanomedicine with pH-Modulated Degradability to Enhance Tumor Ferroptosis Therapy and Chemotherapy. <i>Small</i> , 2022, 18, e2200330.	10.0	21
65	Intestinal transport of scutellarein and scutellarin and first-pass metabolism by UDP-glucuronosyltransferase-mediated glucuronidation of scutellarein and hydrolysis of scutellarin. <i>Xenobiotica</i> , 2011, 41, 538-548.	1.1	19
66	Preparation and characterization of pelletized solid dispersion of resveratrol with mesoporous silica microparticles to improve dissolution by fluid-bed coating techniques. <i>Asian Journal of Pharmaceutical Sciences</i> , 2016, 11, 528-535.	9.1	19
67	Zebrafish: A Visual Model To Evaluate the Biofate of Transferrin Receptor-Targeted 7Peptide-Decorated Coumarin 6 Micelles. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 39048-39058.	8.0	19
68	BHDPC Is a Novel Neuroprotectant That Provides Anti-neuroinflammatory and Neuroprotective Effects by Inactivating NF- κ B and Activating PKA/CREB. <i>Frontiers in Pharmacology</i> , 2018, 9, 614.	3.5	19
69	X-Ray Diffraction and Theoretical Calculation-Supported Formation of Polymorphic Cocrystals Discovered Through Thermal Methods: A Case Study. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 3340-3347.	3.3	19
70	Fluticasone propionate nanosuspensions for sustained nebulization delivery: An <i>in vitro</i> and <i>in vivo</i> evaluation. <i>International Journal of Pharmaceutics</i> , 2019, 572, 118839.	5.2	19
71	Sodium Butyrate-Modulated Mitochondrial Function in High-Insulin Induced HepG2 Cell Dysfunction. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-16.	4.0	19
72	Enhanced antibacterial function of a supramolecular artificial receptor-modified macrophage (SAR-Macrophage). <i>Materials Horizons</i> , 2022, 9, 934-941.	12.2	19

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73	Lack of effect of β -cyclodextrin and its water-soluble derivatives on in vitro drug transport across rat intestinal epithelium. <i>International Journal of Pharmaceutics</i> , 2006, 309, 123-128.	5.2	17
74	Tea consumption and the risk of biliary tract cancer: a systematic review and dose-response meta-analysis of observational studies. <i>Oncotarget</i> , 2017, 8, 39649-39657.	1.8	17
75	Nanosuspension Development of Scutellarein as an Active and Rapid Orally Absorbed Precursor of its BCS Class IV Glycoside Scutellarin. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 3576-3584.	3.3	15
76	Chinese Medicine in Inhalation Therapy: A Review of Clinical Application and Formulation Development. <i>Current Pharmaceutical Design</i> , 2015, 21, 3917-3931.	1.9	15
77	Application of Nano- and Micro-Particles on the Topical Therapy of Skin-Related Immune Disorders. <i>Current Pharmaceutical Design</i> , 2015, 21, 2643-2667.	1.9	14
78	Removal of toxic aristolochic acid components from Aristolochia plants by supercritical fluid extraction. <i>Separation and Purification Technology</i> , 2010, 72, 269-274.	7.9	13
79	Systematic review and meta-analysis: cholecystectomy and the risk of cholangiocarcinoma. <i>Oncotarget</i> , 2017, 8, 59648-59657.	1.8	13
80	Effects of Nanosuspension Formulations on Transport, Pharmacokinetics, In Vivo Targeting and Efficacy for Poorly Water-soluble Drugs. <i>Current Pharmaceutical Design</i> , 2014, 20, 454-473.	1.9	12
81	Synthesis, characterization and thermal analysis of ursolic acid solid forms. <i>Crystal Research and Technology</i> , 2015, 50, 538-548.	1.3	11
82	Celastrol Niosome Hydrogel Has Anti-Inflammatory Effect on Skin Keratinocytes and Circulation without Systemic Drug Exposure in Psoriasis Mice. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 6171-6182.	6.7	11
83	Pharmacokinetic Study and Optimal Formulation of New Anti-Parkinson Natural Compound Schisantherin A. <i>Parkinson's Disease</i> , 2015, 2015, 1-7.	1.1	10
84	Molecular Encapsulation of Histamine H2-Receptor Antagonists by Cucurbit[7]Urils: An Experimental and Computational Study. <i>Molecules</i> , 2016, 21, 1178.	3.8	10
85	Development of functional dendrisomes based on a single molecule of polyesterbenzylether dendrimer and their application in cancer stem cell therapy. <i>NPG Asia Materials</i> , 2019, 11, .	7.9	9
86	Editorial of Special Issue "The Biological Fate of Drug Nanocarriers". <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 850-851.	12.0	9
87	Extracellular Vesicle Application as a Novel Therapeutic Strategy for Ischemic Stroke. <i>Translational Stroke Research</i> , 2022, 13, 171-187.	4.2	9
88	Differential role of TNFR1 and TNFR2 in the development of imiquimod-induced mouse psoriasis. <i>Journal of Leukocyte Biology</i> , 2021, 110, 1047-1055.	3.3	9
89	Precision medicine: In need of guidance and surveillance. <i>World Journal of Gastroenterology</i> , 2017, 23, 5045.	3.3	9
90	Development and application of bio-sample quantification to evaluate stability and pharmacokinetics of inulin-type fructo-oligosaccharides from <i>Morinda Officinalis</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 156, 125-132.	2.8	8

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91	MicroRNA expression profiling involved in doxorubicin-induced cardiotoxicity using high-throughput deep sequencing analysis. <i>Oncology Letters</i> , 2021, 22, 560.	1.8	8
92	Identification of hub genes involved in the development of hepatocellular carcinoma by transcriptome sequencing. <i>Oncotarget</i> , 2017, 8, 60358-60367.	1.8	8
93	Molecular Modeling of Flavonoid- β -Cyclodextrin Complexes. <i>Letters in Drug Design and Discovery</i> , 2008, 5, 512-520.	0.7	8
94	Blends of hydrophobic and swelling agents in the swelling layer in the preparation of delayed-release pellets of a hydrophilic drug with low MW: Physicochemical characterizations and in-vivo evaluations. <i>Asian Journal of Pharmaceutical Sciences</i> , 2014, 9, 199-207.	9.1	7
95	The Effect of Hydrophilic and Hydrophobic Structure of Amphiphilic Polymeric Micelles on Their Transportation in Rats. <i>Current Drug Delivery</i> , 2016, 13, 105-110.	1.6	6
96	Particle Integrity and Size Effect on the Journey of Polymeric Nanocarriers in Zebrafish Model and the Correlation with Mice. <i>Small</i> , 2021, 17, 2103584.	10.0	6
97	Supramolecular Encapsulation of Vitamin B6 by Macrocytic Nanocontainer Cucurbit[7]uril. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-6.	2.7	5
98	Identification of Icaritin Metabolites in Rats by LC-MS/MS. <i>Chinese Herbal Medicines</i> , 2015, 7, 296-302.	3.0	5
99	A common strategy to improve transmembrane transport in polarized epithelial cells based on sorting signals: Guiding nanocarriers to TGN rather than to the basolateral plasma membrane directly. <i>Journal of Controlled Release</i> , 2021, 339, 430-444.	9.9	5
100	Formulation of sustained-release microspheres of granulocyte macrophage colony stimulating factor by freezing-induced phase separation with dextran and encapsulation with blended polymers. <i>Journal of Microencapsulation</i> , 2011, 28, 743-751.	2.8	3
101	Editorial Thematic Issue (Novel Formulation Strategies for Poorly Water-soluble Drugs and Herbal) <i>J. Pharm. Biomed. Sci.</i> 2021, 14, 1-19.	1.0	3
102	IL-1Ra Protects Hepatocytes from CCl4-Induced Hepatocellular Apoptosis via Activating the ERK1/2 Pathway. <i>Pharmaceutical Fronts</i> , 2020, 02, e109-e116.	0.8	3
103	Reducing systemic absorption and macrophages clearance of genistein by lipid-coated nanocrystals for pulmonary delivery. <i>Chinese Chemical Letters</i> , 2023, 34, 107484.	9.0	3
104	Stability Assessment and Formulation Characterization. <i>J. Pharm. Biomed. Sci.</i> 2021, 14, 371-416.		2
105	Topical Application of Tetrandrine Nanoemulsion Promotes the Expansion of CD4 ⁺ Foxp3 ⁺ Regulatory T Cells and Alleviates Imiquimod-Induced Psoriasis in Mice. <i>Frontiers in Immunology</i> , 2022, 13, 800283.	4.8	2
106	LC Determination of Icariside II in Rat Plasma and Tissues: Application to a Tissue Distribution Study. <i>Chromatographia</i> , 2011, 74, 251-258.	1.3	0