

Zhidong Liu

List of Publications by Year in descending order

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62
papers

2,151
citations

201674

27
h-index

243625

44
g-index

62
all docs

62
docs citations

62
times ranked

2742
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of an alginate/HPMC-based in situ gelling ophthalmic delivery system for gatifloxacin. <i>International Journal of Pharmaceutics</i> , 2006, 315, 12-17.	5.2	213
2	Research progress of in-situ gelling ophthalmic drug delivery system. <i>Asian Journal of Pharmaceutical Sciences</i> , 2019, 14, 1-15.	9.1	170
3	Tanshinone I selectively suppresses pro-inflammatory genes expression in activated microglia and prevents nigrostriatal dopaminergic neurodegeneration in a mouse model of Parkinson's disease. <i>Journal of Ethnopharmacology</i> , 2015, 164, 247-255.	4.1	92
4	Preparation and evaluation of solid lipid nanoparticles of baicalin for ocular drug delivery system in vitro and in vivo. <i>Drug Development and Industrial Pharmacy</i> , 2011, 37, 475-481.	2.0	80
5	Nanostructured lipid carriers as novel ophthalmic delivery system for mangiferin: Improving in vivo ocular bioavailability. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 3833-3844.	3.3	80
6	Design and evaluation of baicalin-containing in situ pH-triggered gelling system for sustained ophthalmic drug delivery. <i>International Journal of Pharmaceutics</i> , 2011, 410, 31-40.	5.2	78
7	Traditional Chinese medicine combined with pulmonary drug delivery system and idiopathic pulmonary fibrosis: Rationale and therapeutic potential. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 111072.	5.6	77
8	Traditional herbal medicine and nanomedicine: Converging disciplines to improve therapeutic efficacy and human health. <i>Advanced Drug Delivery Reviews</i> , 2021, 178, 113964.	13.7	71
9	Preparation and evaluation of Baicalin-loaded cationic solid lipid nanoparticles conjugated with OX26 for improved delivery across the BBB. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 353-361.	2.0	61
10	Potential advantages of a novel chitosan-N-acetylcysteine surface modified nanostructured lipid carrier on the performance of ophthalmic delivery of curcumin. <i>Scientific Reports</i> , 2016, 6, 28796.	3.3	60
11	<p>Traditional Chinese medicine-combination therapies utilizing nanotechnology-based targeted delivery systems: a new strategy for antitumor treatment</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 2029-2053.	6.7	58
12	<p>Toxicity of Carbon Nanotubes as Anti-Tumor Drug Carriers</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 10179-10194.	6.7	57
13	Tumor-targeting delivery of herb-based drugs with cell-penetrating/tumor-targeting peptide-modified nanocarriers. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 1425-1442.	6.7	54
14	Effects of Transcutol P on the corneal permeability of drugs and evaluation of its ocular irritation of rabbit eyes. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 58, 45-50.	2.4	53
15	Gelucire44/14 as a novel absorption enhancer for drugs with different hydrophilicities: In vitro and in vivo improvement on transcorneal permeation. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 3186-3195.	3.3	51
16	A nano-cocrystal strategy to improve the dissolution rate and oral bioavailability of baicalein. <i>Asian Journal of Pharmaceutical Sciences</i> , 2019, 14, 154-164.	9.1	51
17	Preparation and evaluation of charged solid lipid nanoparticles of tetrandrine for ocular drug delivery system: pharmacokinetics, cytotoxicity and cellular uptake studies. <i>Drug Development and Industrial Pharmacy</i> , 2014, 40, 980-987.	2.0	48
18	Effect of Baicalin-loaded PEGylated cationic solid lipid nanoparticles modified by OX26 antibody on regulating the levels of baicalin and amino acids during cerebral ischemia"reperfusion in rats. <i>International Journal of Pharmaceutics</i> , 2015, 489, 131-138.	5.2	47

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19	Traditional Chinese medicine combined with hepatic targeted drug delivery systems: A new strategy for the treatment of liver diseases. <i>Biomedicine and Pharmacotherapy</i> , 2019, 117, 109128.	5.6	44
20	Chlorogenic acid: Potential source of natural drugs for the therapeutics of fibrosis and cancer. <i>Translational Oncology</i> , 2022, 15, 101294.	3.7	44
21	Nanotoxicity: The Toxicity Research Progress of Metal and Metal-Containing Nanoparticles. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015, 15, 529-542.	2.4	40
22	Cell penetrating peptides functionalized gambogic acid-nanostructured lipid carrier for cancer treatment. <i>Drug Delivery</i> , 2018, 25, 757-765.	5.7	35
23	<p>Dimeric c(RGD) peptide conjugated nanostructured lipid carriers for efficient delivery of Gambogic acid to breast cancer</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 6179-6195.	6.7	33
24	Combination of cell-penetrating peptides with nanomaterials for the potential therapeutics of central nervous system disorders: a review. <i>Journal of Nanobiotechnology</i> , 2021, 19, 255.	9.1	33
25	Mixed Polyethylene Glycol-Modified Breviscapine-Loaded Solid Lipid Nanoparticles for Improved Brain Bioavailability: Preparation, Characterization, and In Vivo Cerebral Microdialysis Evaluation in Adult Sprague Dawley Rats. <i>AAPS PharmSciTech</i> , 2014, 15, 483-496.	3.3	32
26	Hydroxypropyl methylcellulose hydrogel of berberine chloride-loaded escinosomes: Dermal absorption and biocompatibility. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 232-241.	7.5	32
27	A strategy to improve the oral availability of baicalein: The baicalein-theophylline cocrystal. <i>F&A-terap&A-c</i> , 2018, 129, 85-93.	2.2	30
28	Salvianolic acid B protects against myocardial damage caused by nanocarrier TiO<sub>2</sub>; and synergistic anti-breast carcinoma effect with curcumin via codelivery system of folic acid-targeted and polyethylene glycol-modified TiO<sub>2</sub>; nanoparticles. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 5709-5727.	6.7	27
29	Study on the Ocular Pharmacokinetics of Ion-Activated In Situ Gelling Ophthalmic Delivery System for Gatifloxacin by Microdialysis. <i>Drug Development and Industrial Pharmacy</i> , 2007, 33, 1327-1331.	2.0	25
30	Effects of Labrasol on the corneal drug delivery of baicalin. <i>Drug Delivery</i> , 2009, 16, 399-404.	5.7	25
31	Brain targeting of Baicalin and Salvianolic acid B combination by OX26 functionalized nanostructured lipid carriers. <i>International Journal of Pharmaceutics</i> , 2019, 571, 118754.	5.2	25
32	Pharmacokinetics of salvianolic acid B, rosmarinic acid and Danshensu in rat after pulmonary administration of <i>Salvia miltiorrhiza</i> polyphenolic acid solution. <i>Biomedical Chromatography</i> , 2019, 33, e4561.	1.7	24
33	Dual drug-loaded nano-platform for targeted cancer therapy: toward clinical therapeutic efficacy of multifunctionality. <i>Journal of Nanobiotechnology</i> , 2020, 18, 123.	9.1	21
34	History of uses, phytochemistry, pharmacological activities, quality control and toxicity of the root of <i>Stephania tetrandra</i> S. Moore: A review. <i>Journal of Ethnopharmacology</i> , 2020, 260, 112995.	4.1	21
35	Comparison of systemic absorption between ofloxacin ophthalmic in situ gels and ofloxacin conventional ophthalmic solutions administration to rabbit eyes by HPLC&A-MS/MS. <i>International Journal of Pharmaceutics</i> , 2013, 450, 104-113.	5.2	19
36	Increasing efficacy and reducing systemic absorption of brimonidine tartrate ophthalmic gels in rabbits. <i>Pharmaceutical Development and Technology</i> , 2018, 23, 231-239.	2.4	19

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37	Preparation, optimization and cellular uptake study of tanshinone I nanoemulsion modified with lactoferrin for brain drug delivery. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 982-991.	2.4	18
38	Ursolic Acid Nanocrystals for Dissolution Rate and Bioavailability Enhancement: Influence of Different Particle Size. <i>Current Drug Delivery</i> , 2016, 13, 1358-1366.	1.6	17
39	Traditional Herbal Medicine Discovery for the Treatment and Prevention of Pulmonary Arterial Hypertension. <i>Frontiers in Pharmacology</i> , 2021, 12, 720873.	3.5	17
40	Evaluation of Pharmasolve [®] corneal permeability enhancement and its irritation on rabbit eyes. <i>Drug Delivery</i> , 2009, 16, 224-229.	5.7	15
41	Danggui-Shaoyao-San Improves Gut Microbia Dysbiosis and Hepatic Lipid Homeostasis in Fructose-Fed Rats. <i>Frontiers in Pharmacology</i> , 2021, 12, 671708.	3.5	14
42	Preparation Procedure and Pharmacokinetic Study of Water-in-Oil Nanoemulsion of Panax Notoginseng Saponins for Improving the Oral Bioavailability. <i>Current Drug Delivery</i> , 2016, 13, 600-610.	1.6	14
43	Compatible stability study of panax notoginseng saponin injection (xueshuantong [®]) in combination with 47 different injectables. <i>Biomedical Chromatography</i> , 2016, 30, 1599-1610.	1.7	13
44	Development and evaluation studies of Corylin loaded nanostructured lipid carriers gel for topical treatment of UV-induced skin aging. <i>Experimental Gerontology</i> , 2021, 153, 111499.	2.8	13
45	Physicochemical and Pharmacokinetic Evaluation of Spray-Dried Coformulation of <i>Salvia miltiorrhiza</i> Polyphenolic Acid and L-Leucine with Improved Bioavailability. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2020, 33, 73-82.	1.4	12
46	The anti-cataract molecular mechanism study in selenium cataract rats for baicalin ophthalmic nanoparticles. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 1399-1411.	4.3	11
47	Study of penetration mechanism of labrasol on rabbit cornea by Ussing chamber, RT-PCR assay, Western blot and immunohistochemistry. <i>Asian Journal of Pharmaceutical Sciences</i> , 2019, 14, 329-339.	9.1	11
48	Enhanced Anticancer Efficacy of Dual Drug-Loaded Self-Assembled Nanostructured Lipid Carriers Mediated by pH-Responsive Folic Acid and Human-Derived Cell Penetrating Peptide dNP2. <i>Pharmaceutics</i> , 2021, 13, 600.	4.5	11
49	Salvianolic acid B dry powder inhaler for the treatment of idiopathic pulmonary fibrosis. <i>Asian Journal of Pharmaceutical Sciences</i> , 2022, 17, 447-461.	9.1	10
50	Nano-Strategies for Improving the Bioavailability of Inhaled Pharmaceutical Formulations. <i>Mini-Reviews in Medicinal Chemistry</i> , 2020, 20, 1258-1271.	2.4	9
51	Pharmacokinetic and ocular microdialysis study of oral ginkgo biloba extract in rabbits by UPLC-MS/MS determination. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 1540-1551.	2.4	8
52	Quantification of Nineteen Bioactive Components in the Ancient Classical Chinese Medicine Formula of Wen-Dan Decoction and Its Commercial Preparations by UHPLC-QQQ-MS/MS. <i>Molecules</i> , 2019, 24, 2031.	3.8	5
53	Nuclear Targeted Peptide Combined With Gambogic Acid for Synergistic Treatment of Breast Cancer. <i>Frontiers in Chemistry</i> , 2021, 9, 821426.	3.6	5
54	Natural medicine combined with nanobased topical delivery systems: a new strategy to treat psoriasis. <i>Drug Delivery and Translational Research</i> , 2021, , 1.	5.8	4

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55	Development and evaluation of Panax notoginseng saponins contained in an in situ pH-triggered gelling system for sustained ocular posterior segment drug delivery. , 2021, 1, 107-121.		4
56	Baicalin-berberine complex nanocrystals orally promote the co-absorption of two components. Drug Delivery and Translational Research, 2022, 12, 3017-3028.	5.8	4
57	Tissue distribution study of salvianolic acid B long-circulating liposomes in mice by UPLC-MS/MS determination. Pakistan Journal of Pharmaceutical Sciences, 2015, 28, 213-20.	0.2	3
58	Evaluation of a Non-aqueous Ibuprofen-Phospholipid Complex Formulation in Rats. In Vivo, 2016, 30, 479-83.	1.3	2
59	Effects of Berberine on Liver Cancer. Natural Product Communications, 2022, 17, 1934578X2211020.	0.5	1
60	Editorial: Novel Targets and the Application of Targeting Techniques in the Treatment of Cerebrovascular Disease. Frontiers in Pharmacology, 2019, 10, 1359.	3.5	0
61	Percutaneous Microdialysis and Pharmacokinetic Study of Tongluo-Qutong Rubber Plaster in Rats by UPLC-MS/MS. Natural Product Communications, 2020, 15, 1934578X2095782.	0.5	0
62	In vitro skin retention and drug permeation study of Tongluo-Qutong rubber plaster by UPLC/LUV/MS/MS. Brazilian Journal of Pharmaceutical Sciences, 0, 58, .	1.2	0