

Xingwang Zhang

List of Publications by Year in descending order

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45
papers

1,693
citations

236925

25
h-index

276875

41
g-index

45
all docs

45
docs citations

45
times ranked

2449
citing authors

#	ARTICLE	IF	CITATIONS
1	Biotinylated liposomes as potential carriers for the oral delivery of insulin. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 167-176.	3.3	157
2	Pharmaceutical Dispersion Techniques for Dissolution and Bioavailability Enhancement of Poorly Water-Soluble Drugs. <i>Pharmaceutics</i> , 2018, 10, 74.	4.5	135
3	Physical characterization of lansoprazole/PVP solid dispersion prepared by fluid-bed coating technique. <i>Powder Technology</i> , 2008, 182, 480-485.	4.2	77
4	Effects of pharmaceutical PEGylation on drug metabolism and its clinical concerns. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2014, 10, 1691-1702.	3.3	74
5	Selenium as a pleiotropic agent for medical discovery and drug delivery. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 7473-7490.	6.7	74
6	<p>Aptamers as Versatile Ligands for Biomedical and Pharmaceutical Applications</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 1059-1071.	6.7	66
7	Nanostructured lipid carriers used for oral delivery of oridonin: An effect of ligand modification on absorption. <i>International Journal of Pharmaceutics</i> , 2015, 479, 391-398.	5.2	62
8	Ligand-mediated active targeting for enhanced oral absorption. <i>Drug Discovery Today</i> , 2014, 19, 898-904.	6.4	61
9	Design and evaluation of injectable niclosamide nanocrystals prepared by wet media milling technique. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 1416-1424.	2.0	58
10	Selenium-layered nanoparticles serving for oral delivery of phytomedicines with hypoglycemic activity to synergistically potentiate the antidiabetic effect. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 74-86.	12.0	58
11	Selenium-functionalized liposomes for systemic delivery of doxorubicin with enhanced pharmacokinetics and anticancer effect. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 122, 87-95.	4.3	55
12	Selenium nanoparticles as versatile carriers for oral delivery of insulin: Insight into the synergic antidiabetic effect and mechanism. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1965-1974.	3.3	53
13	Enhancement of Oral Bioavailability of Tripterine Through Lipid Nanospheres: Preparation, Characterization, and Absorption Evaluation. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 1711-1719.	3.3	48
14	Metabolism of the anthelmintic drug niclosamide by cytochrome P450 enzymes and UDP-glucuronosyltransferases: metabolite elucidation and main contributions from CYP1A2 and UGT1A1. <i>Xenobiotica</i> , 2016, 46, 1-13.	1.1	47
15	Characterization of Chrysin Glucuronidation in UGT1A1-Overexpressing HeLa Cells: Elucidating the Transporters Responsible for Efflux of Glucuronide. <i>Drug Metabolism and Disposition</i> , 2015, 43, 433-443.	3.3	43
16	Piroxicam/2- β -Hydroxypropyl- β -Cyclodextrin Inclusion Complex Prepared by a New Fluid-Bed Coating Technique. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 665-675.	3.3	39
17	Identification of glucuronidation and biliary excretion as the main mechanisms for gossypol clearance: in vivo and in vitro evidence. <i>Xenobiotica</i> , 2014, 44, 696-707.	1.1	39
18	Effects of PEGylated lipid nanoparticles on the oral absorption of one BCS II drug: a mechanistic investigation. <i>International Journal of Nanomedicine</i> , 2014, 9, 5503.	6.7	38

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19	Polymer-lipid hybrid nanoparticles: A novel drug delivery system for enhancing the activity of Psoralen against breast cancer. <i>International Journal of Pharmaceutics</i> , 2019, 561, 274-282.	5.2	35
20	Stable Knock-down of Efflux Transporters Leads to Reduced Glucuronidation in UGT1A1-Overexpressing HeLa Cells: The Evidence for Glucuronidation-Transport Interplay. <i>Molecular Pharmaceutics</i> , 2015, 12, 1268-1278.	4.6	34
21	In Vitro Evaluation and Pharmacokinetics in Dogs of Solid Dispersion Pellets Containing Silybum marianum Extract Prepared by Fluid-Bed Coating. <i>Planta Medica</i> , 2008, 74, 126-132.	1.3	33
22	Enhanced hypoglycemic effect of biotin-modified liposomes loading insulin: effect of formulation variables, intracellular trafficking, and cytotoxicity. <i>Nanoscale Research Letters</i> , 2014, 9, 185.	5.7	33
23	Enhanced bioavailability of tripterine through lipid nanoparticles using broccoli-derived lipids as a carrier material. <i>International Journal of Pharmaceutics</i> , 2015, 495, 948-955.	5.2	33
24	Significantly enhanced bioavailability of niclosamide through submicron lipid emulsions with or without PEG-lipid: a comparative study. <i>Journal of Microencapsulation</i> , 2015, 32, 496-502.	2.8	30
25	Exploring the potential of self-assembled mixed micelles in enhancing the stability and oral bioavailability of an acid-labile drug. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 62, 301-308.	4.0	29
26	Elucidating the in vivo fate of nanocrystals using a physiologically based pharmacokinetic model: a case study with the anticancer agent SNX-2112. <i>International Journal of Nanomedicine</i> , 2015, 10, 2521.	6.7	23
27	Phospholipid-stabilized mesoporous carbon nanospheres as versatile carriers for systemic delivery of amphiphobic SNX-2112 (a Hsp90 inhibitor) with enhanced antitumor effect. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 94, 30-41.	4.3	23
28	Selenium-deposited tripterine phytosomes ameliorate the antiarthritic efficacy of the phytomedicine via a synergistic sensitization. <i>International Journal of Pharmaceutics</i> , 2020, 578, 119104.	5.2	23
29	Oral delivery of imatinib through galactosylated polymeric nanoparticles to explore the contribution of a saccharide ligand to absorption. <i>International Journal of Pharmaceutics</i> , 2019, 568, 118508.	5.2	22
30	Decreased Expression of Multidrug Resistance-Associated Protein 4 (MRP4/ABCC4) Leads to Reduced Glucuronidation of Flavonoids in UGT1A1-Overexpressing HeLa Cells: The Role of Futile Recycling. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 6001-6008.	5.2	21
31	Insights into the therapeutic potential of hypoxia-inducible factor-1 α ; small interfering RNA in malignant melanoma delivered via folate-decorated cationic liposomes. <i>International Journal of Nanomedicine</i> , 2016, 11, 991.	6.7	21
32	Glucuronidation of capsaicin by liver microsomes and expressed UGT enzymes: reaction kinetics, contribution of individual enzymes and marked species differences. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2014, 10, 1325-1336.	3.3	20
33	Nanosuspensions Containing Oridonin/HP- β -Cyclodextrin Inclusion Complexes for Oral Bioavailability Enhancement via Improved Dissolution and Permeability. <i>AAPS PharmSciTech</i> , 2016, 17, 400-408.	3.3	18
34	Efflux transport of chrysin and apigenin sulfates in HEK293 cells overexpressing SULT1A3: The role of multidrug resistance-associated protein 4 (MRP4/ABCC4). <i>Biochemical Pharmacology</i> , 2015, 98, 203-214.	4.4	16
35	Glucose-Based Mesoporous Carbon Nanospheres as Functional Carriers for Oral Delivery of Amphiphobic Raloxifene: Insights into the Bioavailability Enhancement and Lymphatic Transport. <i>Pharmaceutical Research</i> , 2016, 33, 792-803.	3.5	15
36	MicroRNA-219-5p Inhibits Morphine-Induced Apoptosis by Targeting Key Cell Cycle Regulator WEE1. <i>Medical Science Monitor</i> , 2016, 22, 1872-1879.	1.1	14

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37	Micellar emulsions composed of mPEG-PCL/MCT as novel nanocarriers for systemic delivery of genistein: a comparative study with micelles. <i>International Journal of Nanomedicine</i> , 2015, 10, 6175.	6.7	13
38	Submicron Lipid Emulsions: A Versatile Platform for Drug Delivery. <i>Current Drug Metabolism</i> , 2015, 16, 211-220.	1.2	13
39	Lipid Nanoparticles for the Delivery of Active Natural Medicines. <i>Current Pharmaceutical Design</i> , 2018, 23, 6705-6713.	1.9	12
40	Mixed nanomicelles as potential carriers for systemic delivery of Z-GP-Dox, an FAP α -based doxorubicin prodrug: formulation and pharmacokinetic evaluation. <i>International Journal of Nanomedicine</i> , 2015, 10, 1625.	6.7	10
41	A Nanocrystal Platform Based on Metal-Phenolic Network Wrapping for Drug Solubilization. <i>AAPS PharmSciTech</i> , 2022, 23, 76.	3.3	7
42	Phytosomal tripteryne with selenium modification attenuates the cytotoxicity and restrains the inflammatory evolution via inhibiting NLRP3 inflammasome activation and pyroptosis. <i>International Immunopharmacology</i> , 2022, 108, 108871.	3.8	5
43	Selenized liposomes with ameliorative stability that achieve sustained release of emodin but fail in bioavailability. <i>Chinese Chemical Letters</i> , 2023, 34, 107482.	9.0	3
44	Liquid Crystalline Phases for Enhancement of Oral Bioavailability. <i>AAPS PharmSciTech</i> , 2021, 22, 81.	3.3	2
45	Chinese tree shrews as a primate experimental animal eligible for the study of alcoholic liver disease: characterization and confirmation by MRI. <i>Experimental Animals</i> , 2020, 69, 110-118.	1.1	1