

Yongtai Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,962
citations

212478

28
h-index

206121

51
g-index

73
all docs

73
docs citations

73
times ranked

4517
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Defect self-assembly of metal-organic framework triggers ferroptosis to overcome resistance. <i>Bioactive Materials</i> , 2023, 19, 1-11. | 8.6 | 44 |
| 2 | Cholesterol and Phospholipid-free Multilamellar Niosomes Regulate Transdermal Permeation of a Hydrophobic Agent Potentially Administrated for Treating Diseases in Deep Hair Follicles. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 1785-1797. | 1.6 | 9 |
| 3 | Acid-responsive PEGylated branching PLGA nanoparticles integrated into dissolving microneedles enhance local treatment of arthritis. <i>Chemical Engineering Journal</i> , 2022, 431, 134196. | 6.6 | 31 |
| 4 | Delivery strategies in treatments of leukemia. <i>Chemical Society Reviews</i> , 2022, 51, 2121-2144. | 18.7 | 17 |
| 5 | B16F10 Cell Membrane-Based Nanovesicles for Melanoma Therapy Are Superior to Hyaluronic Acid-Modified Nanocarriers. <i>Molecular Pharmaceutics</i> , 2022, 19, 2840-2853. | 2.3 | 4 |
| 6 | Tumor cell membrane-derived nano-Trojan horses encapsulating phototherapy and chemotherapy are accepted by homologous tumor cells. <i>Materials Science and Engineering C</i> , 2021, 120, 111670. | 3.8 | 19 |
| 7 | Heparin modified photosensitizer-loaded liposomes for tumor treatment and alleviating metastasis in phototherapy. <i>International Journal of Biological Macromolecules</i> , 2021, 168, 526-536. | 3.6 | 15 |
| 8 | Nano-delivery systems focused on tumor microenvironment regulation and biomimetic strategies for treatment of breast cancer metastasis. <i>Journal of Controlled Release</i> , 2021, 333, 374-390. | 4.8 | 40 |
| 9 | TPGS assists the percutaneous administration of curcumin and glycyrrhetic acid coloaded functionalized ethosomes for the synergistic treatment of psoriasis. <i>International Journal of Pharmaceutics</i> , 2021, 604, 120762. | 2.6 | 20 |
| 10 | Hyaluronic Acid Coating Reduces the Leakage of Melittin Encapsulated in Liposomes and Increases Targeted Delivery to Melanoma Cells. <i>Pharmaceutics</i> , 2021, 13, 1235. | 2.0 | 16 |
| 11 | Recent Developments in the Principles, Modification and Application Prospects of Functionalized Ethosomes for Topical Delivery. <i>Current Drug Delivery</i> , 2021, 18, 570-582. | 0.8 | 15 |
| 12 | A novel multi-functionalized multicellular nanodelivery system for non-small cell lung cancer photochemotherapy. <i>Journal of Nanobiotechnology</i> , 2021, 19, 245. | 4.2 | 20 |
| 13 | Keratinocyte membrane-mediated nanodelivery system with dissolving microneedles for targeted therapy of skin diseases. <i>Biomaterials</i> , 2021, 278, 121142. | 5.7 | 41 |
| 14 | Traditional herbal medicine and nanomedicine: Converging disciplines to improve therapeutic efficacy and human health. <i>Advanced Drug Delivery Reviews</i> , 2021, 178, 113964. | 6.6 | 71 |
| 15 | O/W microemulsion droplets diffuse through hydrogel network to achieve enhanced transdermal drug delivery. <i>Drug Delivery</i> , 2021, 28, 2062-2070. | 2.5 | 4 |
| 16 | Microneedle-Mediated Biomimetic Cyclodextrin Metal Organic Frameworks for Active Targeting and Treatment of Hypertrophic Scars. <i>ACS Nano</i> , 2021, 15, 20087-20104. | 7.3 | 54 |
| 17 | Microneedle-mediated transdermal nanodelivery systems: a review. <i>Biomaterials Science</i> , 2021, 9, 8065-8089. | 2.6 | 27 |
| 18 | Cell membrane-coated nanosized active targeted drug delivery systems homing to tumor cells: A review. <i>Materials Science and Engineering C</i> , 2020, 106, 110298. | 3.8 | 119 |

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|----|---|-----|-----------|
| 19 | Increased microneedle-mediated transdermal delivery of tetramethylpyrazine to the brain, combined with borneol and iontophoresis, for MCAO prevention. <i>International Journal of Pharmaceutics</i> , 2020, 575, 118962. | 2.6 | 17 |
| 20 | Transcutol [®] P/Cremophor [®] EL/Ethyl Oleate [®] Formulated Microemulsion Loaded into Hyaluronic Acid [®] -Based Hydrogel for Improved Transdermal Delivery and Biosafety of Ibuprofen. <i>AAPS PharmSciTech</i> , 2020, 21, 22. | 1.5 | 13 |
| 21 | Biomimetic Mesoporous Silica Nanoparticles for Enhanced Blood Circulation and Cancer Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 7849-7857. | 2.3 | 32 |
| 22 | Functional oral nanoparticles for delivering silibinin and cryptotanshinone against breast cancer lung metastasis. <i>Journal of Nanobiotechnology</i> , 2020, 18, 83. | 4.2 | 30 |
| 23 | Advances in next-generation lipid-polymer hybrid nanocarriers with emphasis on polymer-modified functional liposomes and cell-based-biomimetic nanocarriers for active ingredients and fractions from Chinese medicine delivery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 29, 102237. | 1.7 | 19 |
| 24 | Improved Biosafety and Transdermal Delivery of Aconitine via Diethylene Glycol Monoethyl Ether-Mediated Microemulsion Assisted with Microneedles. <i>Pharmaceutics</i> , 2020, 12, 163. | 2.0 | 15 |
| 25 | Xiaozhang Tie Improves Intestinal Motility in Rats With Cirrhotic Ascites by Regulating the Stem Cell Factor/c-kit Pathway in Interstitial Cells of Cajal. <i>Frontiers in Pharmacology</i> , 2020, 11, 1. | 1.6 | 299 |
| 26 | Folic acid modified lipid-bilayer coated mesoporous silica nanoparticles co-loading paclitaxel and tanshinone IIA for the treatment of acute promyelocytic leukemia. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119576. | 2.6 | 31 |
| 27 | Temperature-sensitive gel-loaded composite nanomedicines for the treatment of cervical cancer by vaginal delivery. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119616. | 2.6 | 10 |
| 28 | Activation of a gamma [®] -cyclodextrin [®] -based metal [®] -organic framework using supercritical carbon dioxide for high [®] -efficient delivery of honokiol. <i>Carbohydrate Polymers</i> , 2020, 235, 115935. | 5.1 | 43 |
| 29 | Sodium dodecyl sulfate improved stability and transdermal delivery of solidoside-encapsulated niosomes via effects on zeta potential. <i>International Journal of Pharmaceutics</i> , 2020, 580, 119183. | 2.6 | 46 |
| 30 | Co-hybridized composite nanovesicles for enhanced transdermal eugenol and cinnamaldehyde delivery and their potential efficacy in ulcerative colitis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 28, 102212. | 1.7 | 19 |
| 31 | Percutaneous absorption and brain distribution facilitation of borneol on tetramethylpyrazine in a microemulsion-based transdermal therapeutic system. <i>Asian Journal of Pharmaceutical Sciences</i> , 2019, 14, 305-312. | 4.3 | 12 |
| 32 | Functional lipid polymeric nanoparticles for oral drug delivery: Rapid mucus penetration and improved cell entry and cellular transport. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 21, 102075. | 1.7 | 31 |
| 33 | Construction and in vitro and in vivo evaluation of folic acid-modified nanostructured lipid carriers loaded with paclitaxel and chlorin e6. <i>International Journal of Pharmaceutics</i> , 2019, 569, 118595. | 2.6 | 33 |
| 34 | Exosomes as Carriers for Antitumor Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 4870-4881. | 2.6 | 22 |
| 35 | Improved self-assembled micelles based on supercritical fluid technology as a novel oral delivery system for enhancing germacrone oral bioavailability. <i>International Journal of Pharmaceutics</i> , 2019, 569, 118586. | 2.6 | 11 |
| 36 | Novel nanostructured lipid carriers-loaded dissolving microneedles for controlled local administration of aconitine. <i>International Journal of Pharmaceutics</i> , 2019, 572, 118741. | 2.6 | 26 |

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|----|--|-----|-----------|
| 37 | Recent progress in the synthesis, structural diversity and emerging applications of cyclodextrin-based metal-organic frameworks. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5602-5619. | 2.9 | 53 |
| 38 | Mesoporous silica nanoparticles: synthesis, classification, drug loading, pharmacokinetics, biocompatibility, and application in drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 219-237. | 2.4 | 210 |
| 39 | An herbal-compound-based combination therapy that relieves cirrhotic ascites by affecting the L-arginine/nitric oxide pathway: A metabolomics-based systematic study. <i>Journal of Ethnopharmacology</i> , 2019, 241, 112034. | 2.0 | 8 |
| 40 | Hybrid curcumin-phospholipid complex-near-infrared dye oral drug delivery system to inhibit lung metastasis of breast cancer. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 3311-3330. | 3.3 | 21 |
| 41 | Red blood cell membrane-camouflaged nanoparticles: a novel drug delivery system for antitumor application. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 675-689. | 5.7 | 351 |
| 42 | Naringenin Cocryystals Prepared by Solution Crystallization Method for Improving Bioavailability and Anti-hyperlipidemia Effects. <i>AAPS PharmSciTech</i> , 2019, 20, 115. | 1.5 | 40 |
| 43 | CD44 Assists the Topical Anti-Psoriatic Efficacy of Curcumin-Loaded Hyaluronan-Modified Ethosomes: A New Strategy for Clustering Drug in Inflammatory Skin. <i>Theranostics</i> , 2019, 9, 48-64. | 4.6 | 127 |
| 44 | Microneedle-mediated transdermal delivery of nanostructured lipid carriers for alkaloids from <i>Aconitum sinomontanum</i> . <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1-11. | 1.9 | 16 |
| 45 | Biotinylated-lipid bilayer coated mesoporous silica nanoparticles for improving the bioavailability and anti-leukaemia activity of Tanshinone IIA. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 578-587. | 1.9 | 26 |
| 46 | Improved oral bioavailability of notoginsenoside R1 with sodium glycocholate-mediated liposomes: Preparation by supercritical fluid technology and evaluation in vitro and in vivo. <i>International Journal of Pharmaceutics</i> , 2018, 552, 360-370. | 2.6 | 25 |
| 47 | Chitosan-functionalized lipid-polymer hybrid nanoparticles for oral delivery of silymarin and enhanced lipid-lowering effect in NAFLD. <i>Journal of Nanobiotechnology</i> , 2018, 16, 64. | 4.2 | 48 |
| 48 | DOX-LIS, a new liposome for dermal delivery, and its endocytosis by HaCaT and CCCESF–1 cells. <i>IET Nanobiotechnology</i> , 2018, 12, 1037-1041. | 1.9 | 3 |
| 49 | Curcumin-loaded redox-responsive mesoporous silica nanoparticles for targeted breast cancer therapy. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 921-935. | 1.9 | 42 |
| 50 | Glutathione detonated and pH responsive nano-clusters of Au nanorods with a high dose of DOX for treatment of multidrug resistant cancer. <i>Acta Biomaterialia</i> , 2018, 75, 334-345. | 4.1 | 28 |
| 51 | A Novel Solubility-Enhanced Rubusoside-Based Micelles for Increased Cancer Therapy. <i>Nanoscale Research Letters</i> , 2017, 12, 274. | 3.1 | 22 |
| 52 | Measurement and correlation study of silymarin solubility in supercritical carbon dioxide with and without a cosolvent using semi-empirical models and back-propagation artificial neural networks. <i>Asian Journal of Pharmaceutical Sciences</i> , 2017, 12, 456-463. | 4.3 | 13 |
| 53 | Mucosal transfer of wheat germ agglutinin modified lipid-polymer hybrid nanoparticles for oral delivery of oridonin. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2219-2229. | 1.7 | 24 |
| 54 | In Vivo Microdialysis for Dynamic Monitoring of the Effectiveness of Nano-liposomes as Vehicles for Topical Psoralen Application. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 1996-2000. | 0.6 | 10 |

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|----|--|-----|-----------|
| 55 | Essential oil-mediated glycosomes increase transdermal paeoniflorin delivery: optimization, characterization, and evaluation in vitro and in vivo. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 3521-3532. | 3.3 | 55 |
| 56 | Podophyllotoxin-Loaded Nanostructured Lipid Carriers for Skin Targeting: In Vitro and In Vivo Studies. <i>Molecules</i> , 2016, 21, 1549. | 1.7 | 29 |
| 57 | Ethyl oleate-containing nanostructured lipid carriers improve oral bioavailability of trans -ferulic acid as compared with conventional solid lipid nanoparticles. <i>International Journal of Pharmaceutics</i> , 2016, 511, 57-64. | 2.6 | 59 |
| 58 | Wheat germ agglutinin modification of lipid-polymer hybrid nanoparticles: enhanced cellular uptake and bioadhesion. <i>RSC Advances</i> , 2016, 6, 36125-36135. | 1.7 | 17 |
| 59 | Enhanced oral bioavailability of silymarin using liposomes containing a bile salt: preparation by supercritical fluid technology and evaluation in vitro and in vivo. <i>International Journal of Nanomedicine</i> , 2015, 10, 6633. | 3.3 | 55 |
| 60 | Nanocarriers for the delivery of active ingredients and fractions extracted from natural products used in traditional Chinese medicine (TCM). <i>Advances in Colloid and Interface Science</i> , 2015, 221, 60-76. | 7.0 | 107 |
| 61 | Transdermal baicalin delivery using diethylene glycol monoethyl ether-mediated cubic phase gel. <i>International Journal of Pharmaceutics</i> , 2015, 479, 219-226. | 2.6 | 26 |
| 62 | Nanostructured lipid carriers for percutaneous administration of alkaloids isolated from <i>Aconitum sinomontanum</i> . <i>Journal of Nanobiotechnology</i> , 2015, 13, 47. | 4.2 | 44 |
| 63 | Preparation of a micro/nanotechnology based multi-unit drug delivery system for a Chinese medicine Niu Huang Xing Xiao Wan and assessment of its antitumor efficacy. <i>International Journal of Pharmaceutics</i> , 2015, 492, 244-247. | 2.6 | 20 |
| 64 | Delivery of vincristine sulfate-conjugated gold nanoparticles using liposomes: a light-responsive nanocarrier with enhanced antitumor efficiency. <i>International Journal of Nanomedicine</i> , 2015, 10, 3081. | 3.3 | 27 |
| 65 | Enhanced antioxidation via encapsulation of isooctyl p-methoxycinnamate with sodium deoxycholate-mediated liposome endocytosis. <i>International Journal of Pharmaceutics</i> , 2015, 496, 392-400. | 2.6 | 11 |
| 66 | Evaluation of transdermal salidroside delivery using niosomes via in vitro cellular uptake. <i>International Journal of Pharmaceutics</i> , 2015, 478, 138-146. | 2.6 | 55 |
| 67 | Preparation and evaluation of microemulsion-based transdermal delivery of total flavone of rhizoma arisaematis. <i>International Journal of Nanomedicine</i> , 2014, 9, 3453. | 3.3 | 18 |
| 68 | Nanostructured lipid carriers versus microemulsions for delivery of the poorly water-soluble drug luteolin. <i>International Journal of Pharmaceutics</i> , 2014, 476, 169-177. | 2.6 | 79 |
| 69 | Oridonin-loaded poly(μ -caprolactone)-poly(ethylene oxide)-poly(μ -caprolactone) copolymer nanoparticles: Preparation, characterization, and antitumor activity on mice with transplanted hepatoma. <i>Journal of Drug Targeting</i> , 2008, 16, 479-485. | 2.1 | 12 |
| 70 | Oridonin-loaded poly(ϵ -caprolactone)-poly(ethylene oxide)-poly(ϵ -caprolactone) copolymer nanoparticles: preparation, characterization, and antitumor activity on mice with transplanted hepatoma. <i>Journal of Drug Targeting</i> , 2008, 16, 479-85. | 2.1 | 5 |