

Haiyan Hu

List of Publications by Year in descending order

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35
papers

1,179
citations

394421

19
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

1513
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of a large scale rigid–flexible multibody system composed of composite laminated plates. <i>Multibody System Dynamics</i> , 2011, 26, 283-305.	2.7	134
2	Identification and characterization of alphavirus M1 as a selective oncolytic virus targeting ZAP-defective human cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4504-12.	7.1	118
3	Mucus penetration enhanced lipid polymer nanoparticles improve the eradication rate of <i>Helicobacter pylori</i> biofilm. <i>Journal of Controlled Release</i> , 2019, 300, 52-63.	9.9	74
4	Preparation and evaluation of lipid polymer nanoparticles for eradicating <i>H. pylori</i> biofilm and impairing antibacterial resistance in vitro. <i>International Journal of Pharmaceutics</i> , 2015, 495, 728-737.	5.2	72
5	Mitochondrial targeting nanodrugs self-assembled from 9-O-octadecyl substituted berberine derivative for cancer treatment by inducing mitochondrial apoptosis pathways. <i>Journal of Controlled Release</i> , 2019, 294, 27-42.	9.9	72
6	Synthesis of CSK-DEX-PLGA Nanoparticles for the Oral Delivery of Exenatide to Improve Its Mucus Penetration and Intestinal Absorption. <i>Molecular Pharmaceutics</i> , 2019, 16, 518-532.	4.6	63
7	Virus-Mimicking Mesoporous Silica Nanoparticles with an Electrically Neutral and Hydrophilic Surface to Improve the Oral Absorption of Insulin by Breaking Through Dual Barriers of the Mucus Layer and the Intestinal Epithelium. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 18077-18088.	8.0	49
8	Activation of cyclic AMP/PKA pathway inhibits bladder cancer cell invasion by targeting MAP4-dependent microtubule dynamics. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2014, 32, 47.e21-47.e28.	1.6	40
9	Development of a novel berberine-mediated mitochondria-targeting nano-platform for drug-resistant cancer therapy. <i>Journal of Materials Chemistry B</i> , 2016, 4, 6856-6864.	5.8	38
10	Liposome Encapsulation of Oncolytic Virus M1 To Reduce Immunogenicity and Immune Clearance in Vivo. <i>Molecular Pharmaceutics</i> , 2019, 16, 779-785.	4.6	38
11	Microemulsions containing long-chain oil ethyl oleate improve the oral bioavailability of piroxicam by increasing drug solubility and lymphatic transportation simultaneously. <i>International Journal of Pharmaceutics</i> , 2016, 511, 709-718.	5.2	37
12	The Major Cholesterol Metabolite Cholestane-3 β ,5 α ,6 β -Triol Functions as an Endogenous Neuroprotectant. <i>Journal of Neuroscience</i> , 2014, 34, 11426-11438.	3.6	36
13	Cell-penetrating peptide-based nanovehicles potentiate lymph metastasis targeting and deep penetration for anti-metastasis therapy. <i>Theranostics</i> , 2018, 8, 3597-3610.	10.0	36
14	Comparison in toxicity and solubilizing capacity of hydroxypropyl- β -cyclodextrin with different degree of substitution. <i>International Journal of Pharmaceutics</i> , 2016, 513, 347-356.	5.2	32
15	Antibacterial self-assembled nanodrugs composed of berberine derivatives and rhamnolipids against <i>Helicobacter pylori</i> . <i>Journal of Controlled Release</i> , 2020, 328, 575-586.	9.9	32
16	Optimizing surfactant content to improve oral bioavailability of ibuprofen in microemulsions: Just enough or more than enough?. <i>International Journal of Pharmaceutics</i> , 2014, 471, 276-284.	5.2	31
17	Discovery of mitochondria-targeting berberine derivatives as the inhibitors of proliferation, invasion and migration against rat C6 and human U87 glioma cells. <i>MedChemComm</i> , 2015, 6, 164-173.	3.4	28
18	Activity of Sodium Lauryl Sulfate, Rhamnolipids, and <i>N</i> -Acetylcysteine Against Biofilms of Five Common Pathogens. <i>Microbial Drug Resistance</i> , 2020, 26, 290-299.	2.0	25

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19	Improving oral bioavailability of metformin hydrochloride using water-in-oil microemulsions and analysis of phase behavior after dilution. <i>International Journal of Pharmaceutics</i> , 2014, 473, 316-325.	5.2	24
20	Rhamnolipid-involved antibiotics combinations improve the eradication of <i>Helicobacter pylori</i> biofilm in vitro: A comparison with conventional triple therapy. <i>Microbial Pathogenesis</i> , 2019, 131, 112-119.	2.9	22
21	Self-assembled nanomedicine combining a berberine derivative and doxorubicin for enhanced antitumor and antimetastatic efficacy via mitochondrial pathways. <i>Nanoscale</i> , 2021, 13, 6605-6623.	5.6	20
22	Antibiotics-free nanoparticles eradicate <i>Helicobacter pylori</i> biofilms and intracellular bacteria. <i>Journal of Controlled Release</i> , 2022, 348, 370-385.	9.9	20
23	Study on the Polar Extracts of <i>Dendrobium nobile</i> , <i>D. officinale</i> , <i>D. loddigesii</i> , and <i>Flickingeria fimbriata</i> : Metabolite Identification, Content Evaluation, and Bioactivity Assay. <i>Molecules</i> , 2018, 23, 1185.	3.8	19
24	Development of high drug-loading nanomicelles targeting steroids to the brain. <i>International Journal of Nanomedicine</i> , 2014, 9, 55.	6.7	15
25	Optimized mixed oils remarkably reduce the amount of surfactants in microemulsions without affecting oral bioavailability of ibuprofen by simultaneously enlarging microemulsion areas and enhancing drug solubility. <i>International Journal of Pharmaceutics</i> , 2015, 487, 17-24.	5.2	14
26	Oral delivery system for low molecular weight protamine-dextran-poly(lactic-co-glycolic acid) carrying exenatide to overcome the mucus barrier and improve intestinal targeting efficiency. <i>Nanomedicine</i> , 2019, 14, 989-1009.	3.3	13
27	Preparation and evaluation of polysaccharide sulfates for inhibiting <i>Helicobacter pylori</i> adhesion. <i>Carbohydrate Polymers</i> , 2014, 103, 398-404.	10.2	11
28	Determination of neuroprotective oxysterols in <i>Calculus bovis</i> , human gallstones, and traditional Chinese medicine preparations by liquid chromatography with mass spectrometry. <i>Journal of Separation Science</i> , 2015, 38, 796-803.	2.5	11
29	Preparation of Acid-Resistant Microcapsules with Shell-Matrix Structure to Enhance Stability of <i>Streptococcus Thermophilus</i> IFFI 6038. <i>Journal of Food Science</i> , 2017, 82, 1978-1984.	3.1	10
30	Anti-Diabetic Effect of a Shihunine-Rich Extract of <i>Dendrobium loddigesii</i> on 3T3-L1 Cells and db/db Mice by Up-Regulating AMPK-GLUT4-PPAR α . <i>Molecules</i> , 2019, 24, 2673.	3.8	10
31	Preparation, transportation mechanisms and brain-targeting evaluation in vivo of a chemical delivery system exploiting the blood-cerebrospinal fluid barrier. <i>Journal of Drug Targeting</i> , 2014, 22, 724-731.	4.4	9
32	Hypoxia-sensitive adjuvant loaded liposomes enhance the antimicrobial activity of azithromycin via phospholipase-triggered releasing for <i>Pseudomonas aeruginosa</i> biofilms eradication. <i>International Journal of Pharmaceutics</i> , 2022, 623, 121910.	5.2	8
33	Synthesis of taurine-fluorescein conjugate and evaluation of its retina-targeted efficiency in vitro. <i>Acta Pharmaceutica Sinica B</i> , 2014, 4, 447-453.	12.0	6
34	Multi-functional vesicles improve <i>Helicobacter pylori</i> eradication by a comprehensive strategy based on complex pathological microenvironment. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 3498-3512.	12.0	6
35	Coordinated regulation of BACH1 and mitochondrial metabolism through tumor-targeted self-assembled nanoparticles for effective triple negative breast cancer combination therapy. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 3934-3951.	12.0	6