

Yu Cai

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,520
citations

394421

19
h-index

330143

37
g-index

52
all docs

52
docs citations

52
times ranked

2232
citing authors

#	ARTICLE	IF	CITATIONS
1	Activating caspase-8/Bid/ROS signaling to promote apoptosis of breast cancer cells by folate-modified albumin baicalin-loaded nanoparticles. <i>Nanotechnology</i> , 2022, 33, 435101.	2.6	6
2	Baicalin-loaded folic acid-modified albumin nanoparticles (FA-BSANPs/BA) induce autophagy in MCF-7 cells via ROS-mediated p38 MAPK and Akt/mTOR pathway. <i>Cancer Nanotechnology</i> , 2022, 13, .	3.7	19
3	Transdermal Enhancement Strategy of Lappaconitine: Alteration of Keratin Configuration by Counter-Ion. <i>AAPS PharmSciTech</i> , 2022, 23, 61.	3.3	1
4	Endoscopic Ultrasound Image Recognition Based on Data Mining and Deep Learning. <i>IEEE Access</i> , 2022, 10, 10273-10282.	4.2	1
5	Accurate Identification and Quantification of Chinese Yam Powder Adulteration Using Laser-Induced Breakdown Spectroscopy. <i>Foods</i> , 2022, 11, 1216.	4.3	5
6	Hydrothermal method-based synthesized tin oxide nanoparticles: Albumin binding and antiproliferative activity against K562 cells. <i>Materials Science and Engineering C</i> , 2021, 119, 111649.	7.3	9
7	Role of inflammatory microenvironment: potential implications for improved breast cancer nano-targeted therapy. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 2105-2129.	5.4	13
8	The pharmacological mechanism of Huashi Baidu Formula for the treatment of COVID-19 by combined network pharmacology and molecular docking. <i>Annals of Palliative Medicine</i> , 2021, 10, 3864-3895.	1.2	25
9	Development of long-acting rivastigmine drug-in-adhesive patch utilizing ion-pair strategy and characterization of controlled release mechanism. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 161, 105774.	4.0	21
10	Characterization of allelopathic compounds from the harmful dinoflagellate, <i>Cochlodinium geminatum</i> . <i>Harmful Algae</i> , 2021, 107, 102069.	4.8	3
11	Polymeric Lipid Hybrid Nanoparticles as a Delivery System Enhance the Antitumor Effect of Emodin in Vitro and in Vivo. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 2986-2996.	3.3	11
12	Emodin-loaded polymer-lipid hybrid nanoparticles enhance the sensitivity of breast cancer to doxorubicin by inhibiting epithelial-mesenchymal transition. <i>Cancer Nanotechnology</i> , 2021, 12, .	3.7	7
13	Screening of metabolites in the treatment of liver cancer xenografts HepG2/ADR by psoralen-loaded lipid nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 165, 337-344.	4.3	7
14	Key Factor Regulating Inflammatory Microenvironment, Metastasis, and Resistance in Breast Cancer: Interleukin-1 Signaling. <i>Mediators of Inflammation</i> , 2021, 2021, 1-18.	3.0	10
15	A review of nanoparticle drug delivery systems responsive to endogenous breast cancer microenvironment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 166, 30-43.	4.3	26
16	EPR monitoring of aniline polymerization: Kinetics and reaction mechanism. <i>Synthetic Metals</i> , 2021, 280, 116871.	3.9	0
17	Preparation and evaluation of folate-modified albumin baicalin-loaded nanoparticles for the targeted treatment of breast cancer. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 65, 102603.	3.0	12
18	Psoralen-loaded polymeric lipid nanoparticles combined with paclitaxel for the treatment of triple-negative breast cancer. <i>Nanomedicine</i> , 2021, 16, 2411-2430.	3.3	4

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19	Strategies for Preparing Different Types of Lipid Polymer Hybrid Nanoparticles in Targeted Tumor Therapy. <i>Current Pharmaceutical Design</i> , 2021, 27, 2274-2288.	1.9	6
20	Effects of immune cells and cytokines on inflammation and immunosuppression in the tumor microenvironment. <i>International Immunopharmacology</i> , 2020, 88, 106939.	3.8	153
21	Yu Gan Long Ameliorates Hepatic Fibrosis by Inhibiting PI3K/AKT, Ras/ERK and JAK1/STAT3 Signaling Pathways in CCl4-induced Liver Fibrosis Rats. <i>Current Medical Science</i> , 2020, 40, 539-547.	1.8	6
22	Polymeric-based microneedle arrays as potential platforms in the development of drugs delivery systems. <i>Journal of Advanced Research</i> , 2020, 26, 137-147.	9.5	50
23	Design and development of spirulina polysaccharide-loaded nanoemulsions with improved the antitumor effects of paclitaxel. <i>Journal of Microencapsulation</i> , 2020, 37, 403-412.	2.8	21
24	Chemokines and chemokine receptors: A new strategy for breast cancer therapy. <i>Cancer Medicine</i> , 2020, 9, 3786-3799.	2.8	57
25	Protective Effect of Shenqi Maixintong Capsule against ox-LDL-Induced Injury in RAW264.7 Macrophages. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-12.	1.2	0
26	Ginsenoside panaxatriol reverses TNBC paclitaxel resistance by inhibiting the IRAK1/NF- κ B and ERK pathways. <i>PeerJ</i> , 2020, 8, e9281.	2.0	15
27	A review of pharmacological and clinical studies on the application of Shenling Baizhu San in treatment of Ulcerative colitis. <i>Journal of Ethnopharmacology</i> , 2019, 244, 112105.	4.1	31
28	Nanotargeted agents: an emerging therapeutic strategy for breast cancer. <i>Nanomedicine</i> , 2019, 14, 1771-1786.	3.3	40
29	<p>Psoralen-loaded lipid-polymer hybrid nanoparticles enhance doxorubicin efficacy in multidrug-resistant HepG2 cells</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 2207-2218.	6.7	19
30	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
31	State of the art of overcoming efflux transporter mediated multidrug resistance of breast cancer. <i>Translational Cancer Research</i> , 2019, 8, 319-329.	1.0	10
32	Preparation of psoralen polymer<math>\omega</math>lipid hybrid nanoparticles and their reversal of multidrug resistance in MCF-7/ADR cells. <i>Drug Delivery</i> , 2018, 25, 1044-1054.	5.7	21
33	Effect of Xuefu Zhuyu Decoction Pretreatment on Myocardium in Sepsis Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-10.	1.2	21
34	The Effect of Sanggua Drink Extract on Insulin Resistance through the PI3K/AKT Signaling Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-9.	1.2	7
35	Extraction of Polysaccharide from<i> Spirulina</i> and Evaluation of Its Activities. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-8.	1.2	14
36	Preparation and evaluation of spirulina polysaccharide nanoemulsions. <i>International Journal of Molecular Medicine</i> , 2018, 42, 1273-1282.	4.0	6

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37	Fabrication of psoralen-loaded lipid-polymer hybrid nanoparticles and their reversal effect on drug resistance of cancer cells. <i>Oncology Reports</i> , 2018, 40, 1055-1063.	2.6	10
38	Hypoxic tumor microenvironment activates GLI2 via HIF-1 α and TGF- β 2 to promote chemoresistance in colorectal cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5990-E5999.	7.1	203
39	KDM6B Counteracts EZH2-Mediated Suppression of <i>IGFBP5</i> to Confer Resistance to PI3K/AKT Inhibitor Treatment in Breast Cancer. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 1973-1983.	4.1	35
40	Effect of traditional Chinese medicine components on multidrug resistance in tumors mediated by P-glycoprotein. <i>Oncology Letters</i> , 2017, 13, 3989-3996.	1.8	18
41	A Review of the Structure, Preparation, and Application of NLCs, PNP, and PLNs. <i>Nanomaterials</i> , 2017, 7, 122.	4.1	147
42	Preparation and Multidrug Resistance Reversal Study of Matrine-Loaded Solid Lipid Nanoparticles. <i>Journal of Biomaterials and Tissue Engineering</i> , 2017, 7, 582-589.	0.1	2
43	Medical Application of <i>Spirulina platensis</i> -Derived C-Phycocyanin. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-14.	1.2	95
44	Nanoparticle delivery of anticancer drugs overcomes multidrug resistance in breast cancer. <i>Drug Delivery</i> , 2016, 23, 3350-3357.	5.7	103
45	A New Method for Evaluating Actual Drug Release Kinetics of Nanoparticles inside Dialysis Devices via Numerical Deconvolution. <i>Journal of Controlled Release</i> , 2016, 243, 11-20.	9.9	40
46	Wnt Pathway in Osteosarcoma, from Oncogenic to Therapeutic. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 625-631.	2.6	85
47	A convenient and efficient synthesis of glycals by zinc nanoparticles. <i>RSC Advances</i> , 2014, 4, 46662-46665.	3.6	5
48	Two New Aristolochic Acid Derivatives from the Roots of <i>Aristolochia fangchi</i> and Their Cytotoxicities. <i>Chemical and Pharmaceutical Bulletin</i> , 2010, 58, 1093-1095.	1.3	14
49	SIMULTANEOUS DETERMINATION OF EIGHT PDE5-IS POTENTIALLY ADULTERATED IN HERBAL DIETARY SUPPLEMENTS WITH TLC AND HPLC-PDA-MS METHODS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2010, 33, 1287-1306.	1.0	27
50	Zhen-wu-tang, a blended traditional Chinese herbal medicine, ameliorates proteinuria and renal damage of streptozotocin-induced diabetic nephropathy in rats. <i>Journal of Ethnopharmacology</i> , 2010, 131, 88-94.	4.1	43
51	Protective effects of psoralen polymer lipid nanoparticles on doxorubicin - induced myocardial toxicity. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 58, .	1.2	0