

# 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	Hypoxic tumor microenvironment activates GLI2 via HIF-1 $\alpha$ and TGF- $\beta$ 2 to promote chemoresistance in colorectal cancer. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5990-E5999.	7.1	203
2	Effects of immune cells and cytokines on inflammation and immunosuppression in the tumor microenvironment. International Immunopharmacology, 2020, 88, 106939.	3.8	153
3	A Review of the Structure, Preparation, and Application of NLCs, PNPs, and PLNs. Nanomaterials, 2017, 7, 122.	4.1	147
4	Nanoparticle delivery of anticancer drugs overcomes multidrug resistance in breast cancer. Drug Delivery, 2016, 23, 3350-3357.	5.7	103
5	Medical Application of <i>Spirulina platensis</i> Derived C-Phycocyanin. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-14.	1.2	95
6	Wnt Pathway in Osteosarcoma, from Oncogenic to Therapeutic. Journal of Cellular Biochemistry, 2014, 115, 625-631.	2.6	85
7	Chemokines and chemokine receptors: A new strategy for breast cancer therapy. Cancer Medicine, 2020, 9, 3786-3799.	2.8	57
8	Polymeric-based microneedle arrays as potential platforms in the development of drugs delivery systems. Journal of Advanced Research, 2020, 26, 137-147.	9.5	50
9	Zhen-wu-tang, a blended traditional Chinese herbal medicine, ameliorates proteinuria and renal damage of streptozotocin-induced diabetic nephropathy in rats. Journal of Ethnopharmacology, 2010, 131, 88-94.	4.1	43
10	A New Method for Evaluating Actual Drug Release Kinetics of Nanoparticles inside Dialysis Devices via Numerical Deconvolution. Journal of Controlled Release, 2016, 243, 11-20.	9.9	40
11	Nanotargeted agents: an emerging therapeutic strategy for breast cancer. Nanomedicine, 2019, 14, 1771-1786.	3.3	40
12	KDM6B Counteracts EZH2-Mediated Suppression of <i>IGFBP5</i> to Confer Resistance to PI3K/AKT Inhibitor Treatment in Breast Cancer. Molecular Cancer Therapeutics, 2018, 17, 1973-1983.	4.1	35
13	Polymer-lipid hybrid nanoparticles: A novel drug delivery system for enhancing the activity of Psoralen against breast cancer. International Journal of Pharmaceutics, 2019, 561, 274-282.	5.2	35
14	A review of pharmacological and clinical studies on the application of Shenling Baizhu San in treatment of Ulcerative colitis. Journal of Ethnopharmacology, 2019, 244, 112105.	4.1	31
15	SIMULTANEOUS DETERMINATION OF EIGHT PDE5-IS POTENTIALLY ADULTERATED IN HERBAL DIETARY SUPPLEMENTS WITH TLC AND HPLC-PDA-MS METHODS. Journal of Liquid Chromatography and Related Technologies, 2010, 33, 1287-1306.	1.0	27
16	A review of nanoparticle drug delivery systems responsive to endogenous breast cancer microenvironment. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 166, 30-43.	4.3	26
17	The pharmacological mechanism of Huashi Baidu Formula for the treatment of COVID-19 by combined network pharmacology and molecular docking. Annals of Palliative Medicine, 2021, 10, 3864-3895.	1.2	25
18	Preparation of psoralen polymer-lipid hybrid nanoparticles and their reversal of multidrug resistance in MCF-7/ADR cells. Drug Delivery, 2018, 25, 1044-1054.	5.7	21

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19	Effect of Xuefu Zhuyu Decoction Pretreatment on Myocardium in Sepsis Rats. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-10.	1.2	21
20	Design and development of spirulina polysaccharide-loaded nanoemulsions with improved the antitumor effects of paclitaxel. Journal of Microencapsulation, 2020, 37, 403-412.	2.8	21
21	Development of long-acting rivastigmine drug-in-adhesive patch utilizing ion-pair strategy and characterization of controlled release mechanism. European Journal of Pharmaceutical Sciences, 2021, 161, 105774.	4.0	21
22	&lt;p&gt;Psoralen-loaded lipid-polymer hybrid nanoparticles enhance doxorubicin efficacy in multidrug-resistant HepG2 cells&lt;/p&gt;. International Journal of Nanomedicine, 2019, Volume 14, 2207-2218.	6.7	19
23	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. Cancer Nanotechnology, 2022, 13, .	3.7	19
24	Effect of traditional Chinese medicine components on multidrug resistance in tumors mediated by P-glycoprotein. Oncology Letters, 2017, 13, 3989-3996.	1.8	18
25	Ginsenoside panaxatriol reverses TNBC paclitaxel resistance by inhibiting the IRAK1/NF-Î² and ERK pathways. PeerJ, 2020, 8, e9281.	2.0	15
26	Two New Aristolochic Acid Derivatives from the Roots of Aristolochia fangchi and Their Cytotoxicities. Chemical and Pharmaceutical Bulletin, 2010, 58, 1093-1095.	1.3	14
27	Extraction of Polysaccharide from<i> Spirulina</i> and Evaluation of Its Activities. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-8.	1.2	14
28	Role of inflammatory microenvironment: potential implications for improved breast cancer nano-targeted therapy. Cellular and Molecular Life Sciences, 2021, 78, 2105-2129.	5.4	13
29	Preparation and evaluation of folate-modified albumin baicalin-loaded nanoparticles for the targeted treatment of breast cancer. Journal of Drug Delivery Science and Technology, 2021, 65, 102603.	3.0	12
30	Polymeric Lipid Hybrid Nanoparticles as a Delivery System Enhance the Antitumor Effect of Emodin in Vitro and in Vivo. Journal of Pharmaceutical Sciences, 2021, 110, 2986-2996.	3.3	11
31	Fabrication of psoralen-loaded lipid-polymer hybrid nanoparticles and their reversal effect on drug resistance of cancer cells. Oncology Reports, 2018, 40, 1055-1063.	2.6	10
32	Key Factor Regulating Inflammatory Microenvironment, Metastasis, and Resistance in Breast Cancer: Interleukin-1 Signaling. Mediators of Inflammation, 2021, 2021, 1-18.	3.0	10
33	State of the art of overcoming efflux transporter mediated multidrug resistance of breast cancer. Translational Cancer Research, 2019, 8, 319-329.	1.0	10
34	Hydrothermal method-based synthesized tin oxide nanoparticles: Albumin binding and antiproliferative activity against K562 cells. Materials Science and Engineering C, 2021, 119, 111649.	7.3	9
35	The Effect of Sanggua Drink Extract on Insulin Resistance through the PI3K/AKT Signaling Pathway. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-9.	1.2	7
36	Emodin-loaded polymer-lipid hybrid nanoparticles enhance the sensitivity of breast cancer to doxorubicin by inhibiting epithelialâ€mesenchymal transition. Cancer Nanotechnology, 2021, 12, .	3.7	7

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37	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
38	Preparation and evaluation of spirulina polysaccharide nanoemulsions. <i>International Journal of Molecular Medicine</i> , 2018, 42, 1273-1282.	4.0	6
39	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
40	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
41	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
42	A convenient and efficient synthesis of glycals by zinc nanoparticles. <i>RSC Advances</i> , 2014, 4, 46662-46665.	3.6	5
43	Accurate Identification and Quantification of Chinese Yam Powder Adulteration Using Laser-Induced Breakdown Spectroscopy. <i>Foods</i> , 2022, 11, 1216.	4.3	5
44	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
45	Characterization of allelopathic compounds from the harmful dinoflagellate, <i>Cochlodinium geminatum</i> . <i>Harmful Algae</i> , 2021, 107, 102069.	4.8	3
46	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
47	Transdermal Enhancement Strategy of Lappaconitine: Alteration of Keratin Configuration by Counter-Ion. <i>AAPS PharmSciTech</i> , 2022, 23, 61.	3.3	1
48	Endoscopic Ultrasound Image Recognition Based on Data Mining and Deep Learning. <i>IEEE Access</i> , 2022, 10, 10273-10282.	4.2	1
49	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
50	EPR monitoring of aniline polymerization: Kinetics and reaction mechanism. <i>Synthetic Metals</i> , 2021, 280, 116871.	3.9	0
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