

Hao Liu

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

4,101
citations

126708

33
h-index

133063

59
g-index

105
all docs

105
docs citations

105
times ranked

6691
citing authors

#	ARTICLE	IF	CITATIONS
1	Delivery strategies of the CRISPR-Cas9 gene-editing system for therapeutic applications. <i>Journal of Controlled Release</i> , 2017, 266, 17-26.	4.8	376
2	TGF- β 2 induces M2-like macrophage polarization via SNAIL-mediated suppression of a pro-inflammatory phenotype. <i>Oncotarget</i> , 2016, 7, 52294-52306.	0.8	353
3	Crosstalk between autophagy and epithelial-mesenchymal transition and its application in cancer therapy. <i>Molecular Cancer</i> , 2019, 18, 101.	7.9	202
4	FOXO3a modulates WNT/ β -catenin signaling and suppresses epithelial-to-mesenchymal transition in prostate cancer cells. <i>Cellular Signalling</i> , 2015, 27, 510-518.	1.7	132
5	Involvement of activating ERK1/2 through G protein coupled receptor 30 and estrogen receptor β in low doses of bisphenol A promoting growth of Sertoli TM4 cells. <i>Toxicology Letters</i> , 2014, 226, 81-89.	0.4	126
6	LINC01638 lncRNA activates MTDH-Twist1 signaling by preventing SPOP-mediated c-Myc degradation in triple-negative breast cancer. <i>Oncogene</i> , 2018, 37, 6166-6179.	2.6	101
7	Cancer-associated fibroblasts promote epithelial-mesenchymal transition and EGFR-TKI resistance of non-small cell lung cancers via HGF/IGF-1/ANXA2 signaling. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 793-803.	1.8	94
8	miR-218 suppresses gastric cancer cell cycle progression through the CDK6/Cyclin D1/E2F1 axis in a feedback loop. <i>Cancer Letters</i> , 2017, 403, 175-185.	3.2	90
9	Metformin suppresses hypoxia-induced stabilization of HIF-1 α through reprogramming of oxygen metabolism in hepatocellular carcinoma. <i>Oncotarget</i> , 2016, 7, 873-884.	0.8	89
10	The roles of reactive oxygen species (ROS) and autophagy in the survival and death of leukemia cells. <i>Critical Reviews in Oncology/Hematology</i> , 2017, 112, 21-30.	2.0	88
11	Enzyme-responsive polymeric micelles of cabazitaxel for prostate cancer targeted therapy. <i>Acta Biomaterialia</i> , 2020, 113, 501-511.	4.1	88
12	Downregulation of FOXO3a by DNMT1 promotes breast cancer stem cell properties and tumorigenesis. <i>Cell Death and Differentiation</i> , 2020, 27, 966-983.	5.0	85
13	Modulation of cytokine expression in human macrophages by endocrine-disrupting chemical Bisphenol-A. <i>Biochemical and Biophysical Research Communications</i> , 2014, 451, 592-598.	1.0	82
14	Large amino acid transporter 1 mediated glutamate modified docetaxel-loaded liposomes for glioma targeting. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 141, 260-267.	2.5	82
15	Overexpression of PP2A inhibitor SET oncoprotein is associated with tumor progression and poor prognosis in human non-small cell lung cancer. <i>Oncotarget</i> , 2015, 6, 14913-14925.	0.8	76
16	Annexin A2 contributes to cisplatin resistance by activation of JNK-p53 pathway in non-small cell lung cancer cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 123.	3.5	74
17	Discovery of low-molecular weight anti-PD-L1 peptides for cancer immunotherapy. , 2019, 7, 270.		74
18	Non-linear associations between sleep duration and the risks of mild cognitive impairment/dementia and cognitive decline: a dose-response meta-analysis of observational studies. <i>Aging Clinical and Experimental Research</i> , 2019, 31, 309-320.	1.4	63

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19	AKT/GSK-3 β regulates stability and transcription of snail which is crucial for bFGF-induced epithelial \rightarrow mesenchymal transition of prostate cancer cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 3096-3105.	1.1	60
20	Targeted Drug Delivery to Hepatic Stellate Cells for the Treatment of Liver Fibrosis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 370, 695-702.	1.3	58
21	Activation of GPER suppresses epithelial mesenchymal transition of triple negative breast cancer cells via NF κ B signals. <i>Molecular Oncology</i> , 2016, 10, 775-788.	2.1	56
22	Signaling related with biphasic effects of bisphenol A (BPA) on Sertoli cell proliferation: A comparative proteomic analysis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2663-2673.	1.1	54
23	Berberine attenuates arthritis in adjuvant-induced arthritic rats associated with regulating polarization of macrophages through AMPK/NF- κ B pathway. <i>European Journal of Pharmacology</i> , 2019, 852, 179-188.	1.7	50
24	Inhibition of ERK1/2 suppresses epithelial mesenchymal transition of triple negative breast cancer cells by directly targeting fibronectin. <i>Oncotarget</i> , 2015, 6, 25588-25601.	0.8	50
25	Co-delivery of IKBKE siRNA and cabazitaxel by hybrid nanocomplex inhibits invasiveness and growth of triple-negative breast cancer. <i>Science Advances</i> , 2020, 6, eabb0616.	4.7	48
26	T63, a new 4-arylidene curcumin analogue, induces cell cycle arrest and apoptosis through activation of the reactive oxygen species \rightarrow FOXO3a pathway in lung cancer cells. <i>Free Radical Biology and Medicine</i> , 2012, 53, 2204-2217.	1.3	46
27	Lung-targeting drug delivery system of baicalin-loaded nanoliposomes: development, biodistribution in rabbits, and pharmacodynamics in nude mice bearing orthotopic human lung cancer. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 251-261.	3.3	46
28	Disruption of FOXO3a-miRNA feedback inhibition of IGF2/IGF-1R/IRS1 signaling confers Herceptin resistance in HER2-positive breast cancer. <i>Nature Communications</i> , 2021, 12, 2699.	5.8	46
29	TET-Mediated Sequestration of miR-26 Drives EZH2 Expression and Gastric Carcinogenesis. <i>Cancer Research</i> , 2017, 77, 6069-6082.	0.4	44
30	The Release of Peripheral Immune Inflammatory Cytokines Promote an Inflammatory Cascade in PCOS Patients via Altering the Follicular Microenvironment. <i>Frontiers in Immunology</i> , 2021, 12, 685724.	2.2	42
31	Development of a peptide-modified siRNA nanocomplex for hepatic stellate cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 51-61.	1.7	41
32	Hypoxia downregulated miR-4521 suppresses gastric carcinoma progression through regulation of IGF2 and FOXM1. <i>Molecular Cancer</i> , 2021, 20, 9.	7.9	41
33	Discovery of PSMA-specific peptide ligands for targeted drug delivery. <i>International Journal of Pharmaceutics</i> , 2016, 513, 138-147.	2.6	39
34	Improved solubility, dissolution rate, and oral bioavailability of main biflavonoids from <i>Selaginella doederleinii</i> extract by amorphous solid dispersion. <i>Drug Delivery</i> , 2020, 27, 309-322.	2.5	38
35	Development of a Biocompatible Copolymer Nanocomplex to Deliver VEGF siRNA for Triple Negative Breast Cancer. <i>Theranostics</i> , 2019, 9, 4508-4524.	4.6	37
36	miR-205-5p regulates epithelial-mesenchymal transition by targeting PTEN via PI3K/AKT signaling pathway in cisplatin-resistant nasopharyngeal carcinoma cells. <i>Gene</i> , 2019, 710, 103-113.	1.0	37

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37	Histone deacetylase inhibitors upregulate Snail via Smad2/3 phosphorylation and stabilization of Snail to promote metastasis of hepatoma cells. <i>Cancer Letters</i> , 2018, 420, 1-13.	3.2	36
38	FOXO3a-driven miRNA signatures suppresses VEGF-A/NRP1 signaling and breast cancer metastasis. <i>Oncogene</i> , 2021, 40, 777-790.	2.6	35
39	Epigenetic silencing of miR-493 increases the resistance to cisplatin in lung cancer by targeting tongue cancer resistance-related protein 1 (TCRP1). <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 114.	3.5	34
40	Discovery of Peptide Ligands for Hepatic Stellate Cells Using Phage Display. <i>Molecular Pharmaceutics</i> , 2015, 12, 2180-2188.	2.3	33
41	Development of a Tumor-Responsive Nanopolyplex Targeting Pancreatic Cancer Cells and Stroma. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 45390-45403.	4.0	33
42	Discovery of Aptamer Ligands for Hepatic Stellate Cells Using SELEX. <i>Theranostics</i> , 2017, 7, 2982-2995.	4.6	32
43	Mitochondrial Quality Control in Cardiomyocytes: A Critical Role in the Progression of Cardiovascular Diseases. <i>Frontiers in Physiology</i> , 2020, 11, 252.	1.3	32
44	SET-mediated NDRG1 inhibition is involved in acquisition of epithelial-to-mesenchymal transition phenotype and cisplatin resistance in human lung cancer cell. <i>Cellular Signalling</i> , 2014, 26, 2710-2720.	1.7	31
45	Anti-arthritis effect of berberine associated with regulating energy metabolism of macrophages through AMPK/ HIF-1 α pathway. <i>International Immunopharmacology</i> , 2020, 87, 106830.	1.7	31
46	Histone deacetylase inhibitors promote epithelial-mesenchymal transition in Hepatocellular Carcinoma via AMPK-FOXO1-ULK1 signaling axis-mediated autophagy. <i>Theranostics</i> , 2020, 10, 10245-10261.	4.6	31
47	Palladium-catalyzed allylic alkylation with internal alkynes to construct C-C and C-N bonds in water. <i>Green Chemistry</i> , 2017, 19, 1861-1865.	4.6	30
48	Palladium-Catalyzed Hydroalkylation of Alkynes with Cyclopropanols: Access to β,γ -Unsaturated Ketones. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3171-3175.	2.1	30
49	Accessing 1,3-Dienes via Palladium-Catalyzed Allylic Alkylation of Pronucleophiles with Skipped Enynes. <i>Organic Letters</i> , 2017, 19, 4710-4713.	2.4	29
50	Metformin enhances the sensitivity of colorectal cancer cells to cisplatin through ROS-mediated PI3K/Akt signaling pathway. <i>Gene</i> , 2020, 745, 144623.	1.0	29
51	Identification of potential pathways involved in the induction of cell cycle arrest and apoptosis by a new 4-arylidene curcumin analogue T63 in lung cancer cells: a comparative proteomic analysis. <i>Molecular BioSystems</i> , 2014, 10, 1320.	2.9	25
52	An enzyme-responsive conjugate improves the delivery of a PI3K inhibitor to prostate cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 2373-2381.	1.7	25
53	FOXO3a mediates the cytotoxic effects of cisplatin in lung cancer cells. <i>Anti-Cancer Drugs</i> , 2014, 25, 898-907.	0.7	23
54	Histone Deacetylase Inhibitor Sensitizes ERCC1-High Non-small-Cell Lung Cancer Cells to Cisplatin via Regulating miR-149. <i>Molecular Therapy - Oncolytics</i> , 2020, 17, 448-459.	2.0	23

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55	β2-Catenin-CCL2 feedback loop mediates crosstalk between cancer cells and macrophages that regulates breast cancer stem cells. <i>Oncogene</i> , 2021, 40, 5854-5865.	2.6	22
56	A Pd-catalyzed asymmetric allylic substitution cascade via an asymmetric desymmetrization for the synthesis of bicyclic dihydrofurans. <i>Chemical Communications</i> , 2019, 55, 13295-13298.	2.2	21
57	The glycolysis inhibitor 2-deoxyglucose ameliorates adjuvant-induced arthritis by regulating macrophage polarization in an AMPK-dependent manner. <i>Molecular Immunology</i> , 2021, 140, 186-195.	1.0	20
58	Changes in the proteomic profile during the differential polarization status of the human monocyte-derived macrophage THP-1 cell line. <i>Proteomics</i> , 2015, 15, 773-786.	1.3	19
59	Targeted Delivery of an siRNA/PNA Hybrid Nanocomplex Reverses Carbon Tetrachloride-Induced Liver Fibrosis. <i>Advanced Therapeutics</i> , 2019, 2, 1900046.	1.6	19
60	Pd-Catalyzed Asymmetric Allylic Substitution Cascade of But-2-ene-1,4-diyl Dimethyl Dicarboxylate for the Synthesis of Chiral 2,3-Dihydrofurans. <i>Organic Letters</i> , 2020, 22, 4680-4685.	2.4	19
61	TCRP1 transcriptionally regulated by c-Myc confers cancer chemoresistance in tongue and lung cancer. <i>Scientific Reports</i> , 2017, 7, 3744.	1.6	18
62	Annexin A2 Silencing Inhibits Proliferation and Epithelial-to-mesenchymal Transition through p53-Dependent Pathway in NSCLCs. <i>Journal of Cancer</i> , 2019, 10, 1077-1085.	1.2	18
63	In vitro and in vivo evaluation of curcumin loaded hollow microspheres prepared with ethyl cellulose and citric acid. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 1046-1054.	3.6	17
64	Gastric floating sustained-release tablet for dihydromyricetin: Development, characterization, and pharmacokinetics study. <i>Saudi Pharmaceutical Journal</i> , 2019, 27, 1000-1008.	1.2	17
65	Inhibition of glycolysis ameliorate arthritis in adjuvant arthritis rats by inhibiting synoviocyte activation through AMPK/NF-κB pathway. <i>Inflammation Research</i> , 2020, 69, 569-578.	1.6	17
66	Cyclic RGD-Decorated Liposomal Gossypol AT-101 Targeting for Enhanced Antitumor Effect. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 227-244.	3.3	17
67	Small molecule STAT3 inhibitor, 6Br-6a suppresses breast cancer growth in vitro and in vivo. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109502.	2.5	15
68	Silencing of IκB-complex protein-2 reverses alcohol- and cytokine-induced fibrogenesis in hepatic stellate cells. <i>Liver Research</i> , 2017, 1, 70-79.	0.5	14
69	Downregulation of monocarboxylate transporter 1 inhibits the invasion and migration through suppression of the PI3K/Akt signaling pathway in human nasopharyngeal carcinoma cells. <i>Journal of Bioenergetics and Biomembranes</i> , 2018, 50, 271-281.	1.0	14
70	Signals involved in the effects of bisphenol A (BPA) on proliferation and motility of Leydig cells: a comparative proteomic analysis. <i>Toxicology Research</i> , 2016, 5, 1573-1584.	0.9	13
71	Activation of FOXO3a reverses 5-Fluorouracil resistance in human breast cancer cells. <i>Experimental and Molecular Pathology</i> , 2018, 105, 57-62.	0.9	13
72	Pd-Catalyzed Asymmetric Allylic Substitution Annulation Using Enolizable Ketimines as Nucleophiles: An Alternative Approach to Chiral Tetrahydroindoles. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2059-2069.	2.1	12

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73	A 5-fluorouracil-loaded floating gastroretentive hollow microsphere: development, pharmacokinetic in rabbits, and biodistribution in tumor-bearing mice. <i>Drug Design, Development and Therapy</i> , 2016, 10, 997.	2.0	11
74	Shikonin induces programmed death of fibroblast synovial cells in rheumatoid arthritis by inhibiting energy pathways. <i>Scientific Reports</i> , 2021, 11, 18263.	1.6	11
75	Polymer blends used to develop felodipine-loaded hollow microspheres for improved oral bioavailability. <i>International Journal of Biological Macromolecules</i> , 2018, 112, 1038-1047.	3.6	10
76	Molecular mechanism and pharmacokinetics of flavonoids in the treatment of resistant EGF receptor-mutated non-small cell lung cancer: A narrative review. <i>British Journal of Pharmacology</i> , 2021, 178, 1388-1406.	2.7	10
77	Gastric floating tablet improves the bioavailability and reduces the hypokalemia effect of gossypol in vivo. <i>Saudi Pharmaceutical Journal</i> , 2021, 29, 305-314.	1.2	9
78	Construction and Evaluation of Folic Acid-Modified 3-Bromopyruvate Cubosomes. <i>Medical Science Monitor</i> , 2020, 26, e924620.	0.5	8
79	Polymeric nanoparticles developed by vitamin E-modified aliphatic polycarbonate polymer to promote oral absorption of oleanolic acid. <i>Asian Journal of Pharmaceutical Sciences</i> , 2017, 12, 586-593.	4.3	7
80	Conformational properties of l-fucose and the tetrasaccharide building block of the sulfated l-fucan from <i>Lytechinus variegatus</i> . <i>Journal of Structural Biology</i> , 2020, 209, 107407.	1.3	7
81	C/EBP β regulates the JAK/STAT signaling pathway in triple-negative breast cancer. <i>FEBS Open Bio</i> , 2021, 11, 1250-1258.	1.0	7
82	Prostaglandin E receptor subtype 4 protects against diabetic cardiomyopathy by modulating cardiac fatty acid metabolism via FOXO1/CD36 signalling. <i>Biochemical and Biophysical Research Communications</i> , 2021, 548, 196-203.	1.0	7
83	Preparation of a Novel pH-responsive Fluorescent Probe Based on an Imidazo[1,2-a]indole Fluorophore and its Application in Detecting Extremely Low pH in <i>Saccharomyces cerevisiae</i> . <i>Journal of Fluorescence</i> , 2021, 31, 1219-1225.	1.3	7
84	A non-invasive evaluation method for tumor-targeting characteristics of nanomedicines based on <i>in vivo</i> near-infrared fluorescence imaging. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4751-4757.	2.9	6
85	Preparation of Flower-Like Ag@AgBr/ZnO Photocatalyst and Photocatalytic Degradation Mechanism on Cefuroxime Sodium. <i>Journal of Environmental Engineering, ASCE</i> , 2020, 146, .	0.7	6
86	Bullatacin triggers immunogenic cell death of colon cancer cells by activating endoplasmic reticulum chaperones. <i>Journal of Inflammation</i> , 2021, 18, 23.	1.5	6
87	Discovery of (4-bromophenyl)(3-hydroxy-4-methoxyphenyl)methanone through upregulating hTERT induces cell apoptosis and ERS. <i>Cell Death and Disease</i> , 2017, 8, e3016-e3016.	2.7	5
88	Noncovalent Attachment of Chemical Moieties to siRNAs Using Peptide Nucleic Acid as a Complementary Linker. <i>ACS Applied Bio Materials</i> , 2018, 1, 643-651.	2.3	5
89	Targeting nicotinamide N-methyltransferase overcomes resistance to EGFR-TKI in non-small cell lung cancer cells. <i>Cell Death Discovery</i> , 2022, 8, 170.	2.0	5
90	Discovery of Anti-PD-L1 Human Domain Antibodies for Cancer Immunotherapy. <i>Frontiers in Immunology</i> , 2022, 13, 838966.	2.2	3

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91	Experimental Study of Almonertinib Crossing the Blood-Brain Barrier in EGFR-Mutant Brain Metastasis and Spinal Cord Metastasis Models. <i>Frontiers in Pharmacology</i> , 2021, 12, 750031.	1.6	2
92	TCRP1 activated by mutant p53 promotes NSCLC proliferation via inhibiting FOXO3a. <i>Oncogenesis</i> , 2022, 11, 19.	2.1	2
93	Ppm1b Negatively Regulates 3-Bromopyruvate Induced Necroptosis in Breast Cancer Cells. <i>Frontiers in Oncology</i> , 2020, 10, 555546.	1.3	1
94	HS10296, a novel irreversible EGFR TKI, attenuates epithelial-mesenchymal transition facilitated by M2-polarized tumor-associated macrophages in Non-Small Cell Lung Cancer. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO3-7-39.	0.0	0
95	Role of metabolic reprogramming in drug resistance to epidermal growth factor tyrosine kinase inhibitors in non-small cell lung cancer. <i>Journal of Central South University (Medical Sciences)</i> , 2021, 46, 545-551.	0.1	0
96	Effect of almonertinib on the proliferation, invasion, and migration in non-small cell lung cancer cells.. <i>Journal of Central South University (Medical Sciences)</i> , 2021, 46, 1045-1053.	0.1	0