

# Hao Liu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

96  
papers

2,596  
citations

28  
h-index

48  
g-index

105  
ext. papers

3,342  
ext. citations

6.5  
avg, IF

5.34  
L-index

#	Paper	IF	Citations
96	Cyclic RGD-Decorated Liposomal Gossypol AT-101 Targeting for Enhanced Antitumor Effect.. <i>International Journal of Nanomedicine</i> , <b>2022</b> , 17, 227-244	7.3	3
95	Discovery of Anti-PD-L1 Human Domain Antibodies for Cancer Immunotherapy.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 838966	8.4	0
94	Targeting nicotinamide N-methyltransferase overcomes resistance to EGFR-TKI in non-small cell lung cancer cells.. <i>Cell Death Discovery</i> , <b>2022</b> , 8, 170	6.9	1
93	TCRP1 activated by mutant p53 promotes NSCLC proliferation via inhibiting FOXO3a.. <i>Oncogenesis</i> , <b>2022</b> , 11, 19	6.6	
92	Experimental Study of Almonertinib Crossing the Blood-Brain Barrier in EGFR-Mutant Brain Metastasis and Spinal Cord Metastasis Models. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 750031	5.6	2
91	The glycolysis inhibitor 2-deoxyglucose ameliorates adjuvant-induced arthritis by regulating macrophage polarization in an AMPK-dependent manner. <i>Molecular Immunology</i> , <b>2021</b> , 140, 186-195	4.3	1
90	C/EBP $\beta$ regulates the JAK/STAT signaling pathway in triple-negative breast cancer. <i>FEBS Open Bio</i> , <b>2021</b> , 11, 1250-1258	2.7	2
89	Gastric floating tablet improves the bioavailability and reduces the hypokalemia effect of gossypol. <i>Saudi Pharmaceutical Journal</i> , <b>2021</b> , 29, 305-314	4.4	4
88	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> , <b>2021</b> , 548, 196-203	3.4	2
87	The Release of Peripheral Immune Inflammatory Cytokines Promote an Inflammatory Cascade in PCOS Patients Altering the Follicular Microenvironment. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 685724	8.4	6
86	Disruption of FOXO3a-miRNA feedback inhibition of IGF2/IGF-1R/IRS1 signaling confers Herceptin resistance in HER2-positive breast cancer. <i>Nature Communications</i> , <b>2021</b> , 12, 2699	17.4	8
85	Bullatacin triggers immunogenic cell death of colon cancer cells by activating endoplasmic reticulum chaperones. <i>Journal of Inflammation</i> , <b>2021</b> , 18, 23	6.7	0
84	FOXO3a-driven miRNA signatures suppresses VEGF-A/NRP1 signaling and breast cancer metastasis. <i>Oncogene</i> , <b>2021</b> , 40, 777-790	9.2	12
83	Hypoxia downregulated miR-4521 suppresses gastric carcinoma progression through regulation of IGF2 and FOXM1. <i>Molecular Cancer</i> , <b>2021</b> , 20, 9	42.1	13
82	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> , <b>2021</b> , 178, 1388-1406	8.6	3
81	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> , <b>2021</b> , 31, 1219-1225	2.4	0
80	$\beta$ Catenin-CCL2 feedback loop mediates crosstalk between cancer cells and macrophages that regulates breast cancer stem cells. <i>Oncogene</i> , <b>2021</b> , 40, 5854-5865	9.2	5

79	Shikonin induces programmed death of fibroblast synovial cells in rheumatoid arthritis by inhibiting energy pathways. <i>Scientific Reports</i> , <b>2021</b> , 11, 18263	4.9	1
78	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> , <b>2021</b> , 46, 545-551	0.4	
77	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> , <b>2021</b> , 46, 1045-1053	0.4	
76	Pd-Catalyzed Asymmetric Allylic Substitution Cascade of But-2-ene-1,4-diyl Dimethyl Dicarboxate for the Synthesis of Chiral 2,3-Dihydrofurans. <i>Organic Letters</i> , <b>2020</b> , 22, 4680-4685	6.2	7
75	Histone Deacetylase Inhibitor Sensitizes ERCC1-High Non-small-Cell Lung Cancer Cells to Cisplatin via Regulating miR-149. <i>Molecular Therapy - Oncolytics</i> , <b>2020</b> , 17, 448-459	6.4	13
74	Preparation of Flower-Like Ag@AgBr/ZnO Photocatalyst and Photocatalytic Degradation Mechanism on Cefuroxime Sodium. <i>Journal of Environmental Engineering, ASCE</i> , <b>2020</b> , 146, 04020046	2	1
73	Enzyme-responsive polymeric micelles of cabazitaxel for prostate cancer targeted therapy. <i>Acta Biomaterialia</i> , <b>2020</b> , 113, 501-511	10.8	37
72	Improved solubility, dissolution rate, and oral bioavailability of main biflavonoids from extract by amorphous solid dispersion. <i>Drug Delivery</i> , <b>2020</b> , 27, 309-322	7	21
71	Pd-Catalyzed Asymmetric Allylic Substitution Annulation Using Enolizable Ketimines as Nucleophiles: An Alternative Approach to Chiral Tetrahydroindoles. <i>Advanced Synthesis and Catalysis</i> , <b>2020</b> , 362, 2059-2069	5.6	5
70	Metformin enhances the sensitivity of colorectal cancer cells to cisplatin through ROS-mediated PI3K/Akt signaling pathway. <i>Gene</i> , <b>2020</b> , 745, 144623	3.8	19
69	Mitochondrial Quality Control in Cardiomyocytes: A Critical Role in the Progression of Cardiovascular Diseases. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 252	4.6	22
68	Construction and Evaluation of Folic Acid-Modified 3-Bromopyruvate Cubosomes. <i>Medical Science Monitor</i> , <b>2020</b> , 26, e924620	3.2	6
67	Small molecule STAT3 inhibitor, 6Br-6a suppresses breast cancer growth in vitro and in vivo. <i>Biomedicine and Pharmacotherapy</i> , <b>2020</b> , 121, 109502	7.5	9
66	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> , <b>2020</b> , 209, 107407	3.4	4
65	Co-delivery of IKBKE siRNA and cabazitaxel by hybrid nanocomplex inhibits invasiveness and growth of triple-negative breast cancer. <i>Science Advances</i> , <b>2020</b> , 6, eabb0616	14.3	28
64	Anti-arthritis effect of berberine associated with regulating energy metabolism of macrophages through AMPK/ HIF-1 $\beta$ pathway. <i>International Immunopharmacology</i> , <b>2020</b> , 87, 106830	5.8	11
63	Histone deacetylase inhibitors promote epithelial-mesenchymal transition in Hepatocellular Carcinoma AMPK-FOXO1-ULK1 signaling axis-mediated autophagy. <i>Theranostics</i> , <b>2020</b> , 10, 10245-10261	12.1	10
62	Downregulation of FOXO3a by DNMT1 promotes breast cancer stem cell properties and tumorigenesis. <i>Cell Death and Differentiation</i> , <b>2020</b> , 27, 966-983	12.7	30

61	Inhibition of glycolysis ameliorate arthritis in adjuvant arthritis rats by inhibiting synoviocyte activation through AMPK/NF- $\kappa$ B pathway. <i>Inflammation Research</i> , <b>2020</b> , 69, 569-578	7.2	5
60	Ppm1b Negatively Regulates 3-Bromopyruvate Induced Necroptosis in Breast Cancer Cells. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 555546	5.3	0
59	Discovery of low-molecular weight anti-PD-L1 peptides for cancer immunotherapy <b>2019</b> , 7, 270		35
58	Gastric floating sustained-release tablet for dihydromyricetin: Development, characterization, and pharmacokinetics study. <i>Saudi Pharmaceutical Journal</i> , <b>2019</b> , 27, 1000-1008	4.4	9
57	Development of a Biocompatible Copolymer Nanocomplex to Deliver VEGF siRNA for Triple Negative Breast Cancer. <i>Theranostics</i> , <b>2019</b> , 9, 4508-4524	12.1	26
56	Crosstalk between autophagy and epithelial-mesenchymal transition and its application in cancer therapy. <i>Molecular Cancer</i> , <b>2019</b> , 18, 101	42.1	112
55	miR-205-5p regulates epithelial-mesenchymal transition by targeting PTEN via PI3K/AKT signaling pathway in cisplatin-resistant nasopharyngeal carcinoma cells. <i>Gene</i> , <b>2019</b> , 710, 103-113	3.8	22
54	Targeted Drug Delivery to Hepatic Stellate Cells for the Treatment of Liver Fibrosis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2019</b> , 370, 695-702	4.7	31
53	Annexin A2 Silencing Inhibits Proliferation and Epithelial-to-mesenchymal Transition through p53-Dependent Pathway in NSCLCs. <i>Journal of Cancer</i> , <b>2019</b> , 10, 1077-1085	4.5	10
52	Berberine attenuates arthritis in adjuvant-induced arthritic rats associated with regulating polarization of macrophages through AMPK/NF- $\kappa$ B pathway. <i>European Journal of Pharmacology</i> , <b>2019</b> , 852, 179-188	5.3	27
51	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> , <b>2019</b> , 31, 309-320	4.8	30
50	A non-intrusive evaluation method for tumor-targeting characteristics of nanomedicines based on in vivo near-infrared fluorescence imaging. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 4751-4757	7.3	5
49	Targeted Delivery of an siRNA/PNA Hybrid Nanocomplex Reverses Carbon Tetrachloride-Induced Liver Fibrosis. <i>Advanced Therapeutics</i> , <b>2019</b> , 2, 1900046	4.9	14
48	A Pd-catalyzed asymmetric allylic substitution cascade via an asymmetric desymmetrization for the synthesis of bicyclic dihydrofurans. <i>Chemical Communications</i> , <b>2019</b> , 55, 13295-13298	5.8	10
47	Development of a Tumor-Responsive Nanopolyplex Targeting Pancreatic Cancer Cells and Stroma. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 45390-45403	9.5	20
46	Polymer blends used to develop felodipine-loaded hollow microspheres for improved oral bioavailability. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 112, 1038-1047	7.9	7
45	Histone deacetylase inhibitors upregulate Snail via Smad2/3 phosphorylation and stabilization of Snail to promote metastasis of hepatoma cells. <i>Cancer Letters</i> , <b>2018</b> , 420, 1-13	9.9	26
44	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> , <b>2018</b> , 1864, 793-803	6.9	54

43	Development of a peptide-modified siRNA nanocomplex for hepatic stellate cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2018</b> , 14, 51-61	6	31
42	LINC01638 lncRNA activates MTDH-Twist1 signaling by preventing SPOP-mediated c-Myc degradation in triple-negative breast cancer. <i>Oncogene</i> , <b>2018</b> , 37, 6166-6179	9.2	73
41	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> , <b>2018</b> , 115, 1046-1054	7.9	11
40	Noncovalent Attachment of Chemical Moieties to siRNAs Using Peptide Nucleic Acid as a Complementary Linker. <i>ACS Applied Bio Materials</i> , <b>2018</b> , 1, 643-651	4.1	4
39	Palladium-Catalyzed Hydroalkylation of Alkynes with Cyclopropanols: Access to $\beta$ -Unsaturated Ketones. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 3171-3175	5.6	20
38	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> , <b>2018</b> , 50, 271-281	3.7	11
37	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> , <b>2018</b> , WCP2018, PO3-7-39	0	
36	Activation of FOXO3a reverses 5-Fluorouracil resistance in human breast cancer cells. <i>Experimental and Molecular Pathology</i> , <b>2018</b> , 105, 57-62	4.4	9
35	The roles of reactive oxygen species (ROS) and autophagy in the survival and death of leukemia cells. <i>Critical Reviews in Oncology/Hematology</i> , <b>2017</b> , 112, 21-30	7	64
34	Silencing of $\beta$ -complex protein-2 reverses alcohol- and cytokine-induced fibrogenesis in hepatic stellate cells. <i>Liver Research</i> , <b>2017</b> , 1, 70-79	4.1	11
33	miR-218 suppresses gastric cancer cell cycle progression through the CDK6/Cyclin D1/E2F1 axis in a feedback loop. <i>Cancer Letters</i> , <b>2017</b> , 403, 175-185	9.9	72
32	TCRP1 transcriptionally regulated by c-Myc confers cancer chemoresistance in tongue and lung cancer. <i>Scientific Reports</i> , <b>2017</b> , 7, 3744	4.9	14
31	Palladium-catalyzed allylic alkylation with internal alkynes to construct $C-C$ and $C-N$ bonds in water. <i>Green Chemistry</i> , <b>2017</b> , 19, 1861-1865	10	27
30	Polymeric nanoparticles developed by vitamin E-modified aliphatic polycarbonate polymer to promote oral absorption of oleanolic acid. <i>Asian Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 12, 586-593	9	5
29	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> , <b>2017</b> , 36, 114	12.8	24
28	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> , <b>2017</b> , 36, 123	12.8	47
27	Accessing 1,3-Dienes via Palladium-Catalyzed Allylic Alkylation of Pronucleophiles with Skipped Enynes. <i>Organic Letters</i> , <b>2017</b> , 19, 4710-4713	6.2	22
26	Discovery of (4-bromophenyl)(3-hydroxy-4-methoxyphenyl)methanone through upregulating hTERT induces cell apoptosis and ERS. <i>Cell Death and Disease</i> , <b>2017</b> , 8, e3016	9.8	4

25	TET-Mediated Sequestration of miR-26 Drives EZH2 Expression and Gastric Carcinogenesis. <i>Cancer Research</i> , <b>2017</b> , 77, 6069-6082	10.1	32
24	Delivery strategies of the CRISPR-Cas9 gene-editing system for therapeutic applications. <i>Journal of Controlled Release</i> , <b>2017</b> , 266, 17-26	11.7	248
23	Discovery of Aptamer Ligands for Hepatic Stellate Cells Using SELEX. <i>Theranostics</i> , <b>2017</b> , 7, 2982-2995	12.1	16
22	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> , <b>2017</b> , 12, 251-261	7.3	35
21	An enzyme-responsive conjugate improves the delivery of a PI3K inhibitor to prostate cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2016</b> , 12, 2373-2381	6	20
20	Large amino acid transporter 1 mediated glutamate modified docetaxel-loaded liposomes for glioma targeting. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 141, 260-267	6	62
19	Activation of GPER suppresses epithelial mesenchymal transition of triple negative breast cancer cells via NF- $\kappa$ B signals. <i>Molecular Oncology</i> , <b>2016</b> , 10, 775-88	7.9	42
18	TGF- $\beta$ induces M2-like macrophage polarization via SNAIL-mediated suppression of a pro-inflammatory phenotype. <i>Oncotarget</i> , <b>2016</b> , 7, 52294-52306	3.3	211
17	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> , <b>2016</b> , 10, 997-1008	4.4	7
16	Metformin suppresses hypoxia-induced stabilization of HIF-1 $\alpha$ through reprogramming of oxygen metabolism in hepatocellular carcinoma. <i>Oncotarget</i> , <b>2016</b> , 7, 873-84	3.3	70
15	Signals involved in the effects of bisphenol A (BPA) on proliferation and motility of Leydig cells: a comparative proteomic analysis. <i>Toxicology Research</i> , <b>2016</b> , 5, 1573-1584	2.6	10
14	Discovery of PSMA-specific peptide ligands for targeted drug delivery. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 513, 138-147	6.5	28
13	Discovery of Peptide ligands for hepatic stellate cells using phage display. <i>Molecular Pharmaceutics</i> , <b>2015</b> , 12, 2180-8	5.6	28
12	Changes in the proteomic profile during the differential polarization status of the human monocyte-derived macrophage THP-1 cell line. <i>Proteomics</i> , <b>2015</b> , 15, 773-86	4.8	16
11	FOXO3a modulates WNT/ $\beta$ -catenin signaling and suppresses epithelial-to-mesenchymal transition in prostate cancer cells. <i>Cellular Signalling</i> , <b>2015</b> , 27, 510-8	4.9	104
10	Overexpression of PP2A inhibitor SET oncoprotein is associated with tumor progression and poor prognosis in human non-small cell lung cancer. <i>Oncotarget</i> , <b>2015</b> , 6, 14913-25	3.3	62
9	Inhibition of ERK3 suppresses epithelial mesenchymal transition of triple negative breast cancer cells by directly targeting fibronectin. <i>Oncotarget</i> , <b>2015</b> , 6, 25588-601	3.3	43
8	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> , <b>2014</b> , 10, 1320-31		21

7	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> , <b>2014</b> , 26, 2710-20	4.9	26
6	AKT/GSK-3 $\beta$ regulates stability and transcription of snail which is crucial for bFGF-induced epithelial-mesenchymal transition of prostate cancer cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2014</b> , 1840, 3096-105	4	52
5	Modulation of cytokine expression in human macrophages by endocrine-disrupting chemical Bisphenol-A. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 451, 592-8	3.4	71
4	Involvement of activating ERK1/2 through G protein coupled receptor 30 and estrogen receptor $\beta$ in low doses of bisphenol A promoting growth of Sertoli TM4 cells. <i>Toxicology Letters</i> , <b>2014</b> , 226, 81-9	4.4	104
3	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> , <b>2014</b> , 1840, 2663-73	4	48
2	FOXO3a mediates the cytotoxic effects of cisplatin in lung cancer cells. <i>Anti-Cancer Drugs</i> , <b>2014</b> , 25, 898-907	4.7	18
1	T63, a new 4-arylidene curcumin analogue, induces cell cycle arrest and apoptosis through activation of the reactive oxygen species-FOXO3a pathway in lung cancer cells. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 53, 2204-17	7.8	35