

# Jian Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

8,777  
citations

109321

35  
h-index

82547

72  
g-index

74  
all docs

74  
docs citations

74  
times ranked

19611  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	GSK3-TIP60-ULK1 Signaling Pathway Links Growth Factor Deprivation to Autophagy. <i>Science</i> , 2012, 336, 477-481.	12.6	320
3	Ammonia-induced autophagy is independent of ULK1/ULK2 kinases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11121-11126.	7.1	311
4	Phagocytosis of apoptotic bodies by hepatic stellate cells induces NADPH oxidase and is associated with liver fibrosis <i>in vivo</i> . <i>Hepatology</i> , 2006, 43, 435-443.	7.3	257
5	Hepatic stellate cells: a target for the treatment of liver fibrosis. <i>Journal of Gastroenterology</i> , 2000, 35, 665-672.	5.1	244
6	Rapamycin inhibits hepatic stellate cell proliferation <i>in vitro</i> and limits fibrogenesis in an <i>in vivo</i> model of liver fibrosis. <i>Gastroenterology</i> , 1999, 117, 1198-1204.	1.3	199
7	Epithelial mesenchymal transition and hedgehog signaling activation are associated with chemoresistance and invasion of hepatoma subpopulations. <i>Journal of Hepatology</i> , 2011, 55, 838-845.	3.7	180
8	Telomerase reconstitution immortalizes human fetal hepatocytes without disrupting their differentiation potential. <i>Gastroenterology</i> , 2003, 124, 432-444.	1.3	170
9	Differentiation of Human and Mouse Embryonic Stem Cells along a Hepatocyte Lineage. <i>Cell Transplantation</i> , 2004, 13, 197-211.	2.5	138
10	Molecular Characterization of Stool Microbiota in HIV-Infected Subjects by Panbacterial and Order-Level 16S Ribosomal DNA (rDNA) Quantification and Correlations With Immune Activation. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2011, 57, 363-370.	2.1	108
11	Immunohistochemical staining of cancer stem cell markers in hepatocellular carcinoma. <i>Experimental and Molecular Pathology</i> , 2010, 89, 27-35.	2.1	100
12	Impaired mitophagy triggers NLRP3 inflammasome activation during the progression from nonalcoholic fatty liver to nonalcoholic steatohepatitis. <i>Laboratory Investigation</i> , 2019, 99, 749-763.	3.7	98
13	Decellularized liver matrix as a carrier for the transplantation of human fetal and primary hepatocytes in mice. <i>Liver Transplantation</i> , 2011, 17, 418-427.	2.4	94
14	Complete Elimination of Colorectal Tumor Xenograft by Combined Manganese Superoxide Dismutase with Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand Gene Virotherapy. <i>Cancer Research</i> , 2006, 66, 4291-4298.	0.9	69
15	Insulin and igfs enhance hepatocyte differentiation from human embryonic stem cells via the PI3K/AKT pathway. <i>Stem Cells</i> , 2013, 31, 2095-2103.	3.2	68
16	Animal Models of Liver Fibrosis. <i>Scandinavian Journal of Gastroenterology</i> , 1996, 31, 1137-1143.	1.5	56
17	Capturing circulating tumor cells of hepatocellular carcinoma. <i>Cancer Letters</i> , 2012, 326, 17-22.	7.2	55
18	Poly(cationic lipid)-mediated <i>in vivo</i> gene delivery to mouse liver. <i>Gene Therapy</i> , 2003, 10, 180-187.	4.5	54

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19	Direct comparison of fatty acid ratios in single cellular lipid droplets as determined by comparative Raman spectroscopy and gas chromatography. <i>Analyst, The</i> , 2013, 138, 6662.	3.5	54
20	Liposome-mediated extracellular superoxide dismutase gene delivery protects against acute liver injury in mice. <i>Hepatology</i> , 2004, 40, 195-204.	7.3	52
21	Immunotherapy for advanced hepatocellular carcinoma, where are we?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1874, 188441.	7.4	52
22	MicroRNA-20a-mediated loss of autophagy contributes to breast tumorigenesis by promoting genomic damage and instability. <i>Oncogene</i> , 2017, 36, 5874-5884.	5.9	51
23	Involvement of Mesenchymal Stem Cells in Cancer Progression and Metastases. <i>Current Cancer Drug Targets</i> , 2015, 15, 88-98.	1.6	51
24	JCAD Promotes Progression of Nonalcoholic Steatohepatitis to Liver Cancer by Inhibiting LATS2 Kinase Activity. <i>Cancer Research</i> , 2017, 77, 5287-5300.	0.9	50
25	Cationic Lipid Polymerization as a Novel Approach for Constructing New DNA Delivery Agents. <i>Bioconjugate Chemistry</i> , 2001, 12, 251-257.	3.6	49
26	miRNA Regulation of Liver Growth After 50% Partial Hepatectomy and Small Size Grafts in Rats. <i>Transplantation</i> , 2011, 91, 293-299.	1.0	49
27	Molecular imaging of hepatic stellate cell activity by visualization of hepatic integrin $\alpha_2\beta_3$ expression with SPECT in rat. <i>Hepatology</i> , 2011, 54, 1020-1030.	7.3	47
28	Protective effect of S-adenosyl-L-methionine on bromobenzene- and D-galactosamine-induced toxicity to isolated rat hepatocytes. <i>Hepatology</i> , 1996, 23, 359-365.	7.3	45
29	Advances in detection of infectious agents by aptamer-based technologies. <i>Emerging Microbes and Infections</i> , 2020, 9, 1671-1681.	6.5	45
30	Characterization of a murine nonalcoholic steatohepatitis model induced by high fat high calorie diet plus fructose and glucose in drinking water. <i>Laboratory Investigation</i> , 2018, 98, 1184-1199.	3.7	43
31	BIRC6 promotes hepatocellular carcinogenesis: Interaction of BIRC6 with p53 facilitating p53 degradation. <i>International Journal of Cancer</i> , 2015, 136, E475-87.	5.1	42
32	Aldehyde dehydrogenase 2 activation ameliorates CCl <sub>4</sub> -induced chronic liver fibrosis in mice by up-regulating Nrf2/HO-1 antioxidant pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 3965-3978.	3.6	40
33	Short hairpin RNA causes the methylation of transforming growth factor- $\beta_2$ receptor II promoter and silencing of the target gene in rat hepatic stellate cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 359, 292-297.	2.1	39
34	Palmitic acid elicits hepatic stellate cell activation through inflammasomes and hedgehog signaling. <i>Life Sciences</i> , 2017, 176, 42-53.	4.3	39
35	Crosstalk among IL-23 and DNAX Activating Protein of 12 kDa-Dependent Pathways Promotes Osteoclastogenesis. <i>Journal of Immunology</i> , 2015, 194, 316-324.	0.8	38
36	Advancements in detection of SARS-CoV-2 infection for confronting COVID-19 pandemics. <i>Laboratory Investigation</i> , 2022, 102, 4-13.	3.7	36

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37	A novel mouse model of nonalcoholic steatohepatitis with significant insulin resistance. <i>Laboratory Investigation</i> , 2013, 93, 1313-1322.	3.7	35
38	Activation of farnesoid X receptor (FXR) protects against fructose-induced liver steatosis via inflammatory inhibition and ADRP reduction. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 117-123.	2.1	35
39	Hedgehog signaling pathway affects the sensitivity of hepatoma cells to drug therapy through the ABCB1 transporter. <i>Laboratory Investigation</i> , 2017, 97, 819-832.	3.7	35
40	Effects of vitamins E, C and catalase on bromobenzene- and hydrogen peroxide-induced intracellular oxidation and DNA single-strand breakage in Hep G2 cells. <i>Journal of Hepatology</i> , 1997, 26, 669-677.	3.7	34
41	Aberrant hedgehog signaling is responsible for the highly invasive behavior of a subpopulation of hepatoma cells. <i>Oncogene</i> , 2016, 35, 116-124.	5.9	34
42	Succinate GPR91 receptor signalling is responsible for nonalcoholic steatohepatitis-associated fibrosis: Effects of DHA supplementation. <i>Liver International</i> , 2020, 40, 830-843.	3.9	34
43	ATI1 (ATG8-interacting protein 1) and ATI2 define a plant starvation-induced reticulophagy pathway and serve as MSBP1/MAPR5 cargo receptors. <i>Autophagy</i> , 2021, 17, 3375-3388.	9.1	31
44	Label-free imaging and analysis of the effects of lipolysis products on primary hepatocytes. <i>Journal of Biophotonics</i> , 2011, 4, 425-434.	2.3	30
45	LUBE2T promotes proliferation via G2/M checkpoint in hepatocellular carcinoma. <i>Cancer Management and Research</i> , 2019, Volume 11, 8359-8370.	1.9	29
46	Hedgehog Signaling, a Critical Pathway Governing the Development and Progression of Hepatocellular Carcinoma. <i>Cells</i> , 2021, 10, 123.	4.1	28
47	Targeting the mTOR regulatory network in hepatocellular carcinoma: Are we making headway?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2019, 1871, 379-391.	7.4	27
48	Hedgehog signalling mediates drug resistance through targeting TAP1 in hepatocellular carcinoma. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 4298-4311.	3.6	27
49	Understanding initiation and progression of hepatocellular carcinoma through single cell sequencing. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2022, 1877, 1887-20.	7.4	26
50	Non-invasively differentiating extent of liver fibrosis by visualizing hepatic integrin $\alpha 2 \beta 3$ expression with an MRI modality in mice. <i>Biomaterials</i> , 2016, 102, 162-174.	11.4	24
51	Utilization of animal models to investigate nonalcoholic steatohepatitis-associated hepatocellular carcinoma. <i>Oncotarget</i> , 2017, 8, 42762-42776.	1.8	24
52	GPR91, a critical signaling mechanism in modulating pathophysiologic processes in chronic illnesses. <i>FASEB Journal</i> , 2020, 34, 13091-13105.	0.5	23
53	Autophagy Protects from Raddeanin A-Induced Apoptosis in SGC-7901 Human Gastric Cancer Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-8.	1.2	22
54	Updates on novel pharmacotherapeutics for the treatment of nonalcoholic steatohepatitis. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 1180-1190.	6.1	22

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55	Loss of Rubicon ameliorates doxorubicin-induced cardiotoxicity through enhancement of mitochondrial quality. <i>International Journal of Cardiology</i> , 2019, 296, 129-135.	1.7	20
56	Novel approaches to intervene gut microbiota in the treatment of chronic liver diseases. <i>FASEB Journal</i> , 2021, 35, e21871.	0.5	20
57	Role of intestinal myofibroblasts in HIV-associated intestinal collagen deposition and immune reconstitution following combination antiretroviral therapy. <i>Aids</i> , 2015, 29, 877-888.	2.2	18
58	Genome-wide association study: new genetic insights into HBV/HCV-related hepatocellular carcinoma genomes. <i>Scandinavian Journal of Gastroenterology</i> , 2017, 52, 209-215.	1.5	17
59	Comprehensive analysis of long non-coding RNA-messenger RNA-microRNA co-expression network identifies cell cycle-related lncRNA in hepatocellular carcinoma. <i>International Journal of Molecular Medicine</i> , 2019, 44, 1844-1854.	4.0	16
60	Ethanol induces apoptosis in hepatocytes by a pathway involving novel protein kinase C isoforms. <i>Cellular Signalling</i> , 2007, 19, 2339-2350.	3.6	15
61	Serum lipocalin-2 is a potential biomarker for the clinical diagnosis of nonalcoholic steatohepatitis. <i>Clinical and Molecular Hepatology</i> , 2021, 27, 329-345.	8.9	14
62	LC-MS-based lipidomic analysis in distinguishing patients with nonalcoholic steatohepatitis from nonalcoholic fatty liver. <i>Hepatobiliary and Pancreatic Diseases International</i> , 2021, 20, 452-459.	1.3	14
63	Activation of pluripotent genes in hepatic progenitor cells in the transition of nonalcoholic steatohepatitis to pre-malignant lesions. <i>Laboratory Investigation</i> , 2017, 97, 1201-1217.	3.7	14
64	Peroxiredoxin 1, restraining cell migration and invasion, is involved in hepatocellular carcinoma recurrence. <i>Journal of Digestive Diseases</i> , 2018, 19, 155-169.	1.5	12
65	Novel aptasensor-based assay of sonic hedgehog ligand for detection of portal vein invasion of hepatocellular carcinoma. <i>Biosensors and Bioelectronics</i> , 2021, 174, 112738.	10.1	10
66	Tumor necrosis factor-alpha-induced reduction of glomerular filtration rate in rats with fulminant hepatic failure. <i>Laboratory Investigation</i> , 2014, 94, 740-751.	3.7	9
67	NLRP3 deficiency did not attenuate NASH development under high fat calorie diet plus high fructose and glucose in drinking water. <i>Laboratory Investigation</i> , 2021, 101, 588-599.	3.7	7
68	Epigenetic regulation of hepatic tumor-initiating cells. <i>Frontiers in Bioscience - Landmark</i> , 2015, 20, 946-963.	3.0	6
69	Hepalptide ameliorated progression of nonalcoholic steatohepatitis in mice. <i>Biomedicine and Pharmacotherapy</i> , 2020, 126, 110053.	5.6	6
70	Generation of enhanced definitive endoderm from human embryonic stem cells under an albumin/insulin-free and chemically defined condition. <i>Life Sciences</i> , 2017, 175, 37-46.	4.3	5
71	Interfering RNA against PKC- $\delta$ inhibits TNF- $\alpha$ -induced IP <sub>3</sub> R1 expression and improves glomerular filtration rate in rats with fulminant hepatic failure. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, F942-F955.	2.7	5
72	Dietary docosahexaenoic acid reverses nonalcoholic steatohepatitis and fibrosis caused by conjugated linoleic acid supplementation in mice. <i>Journal of Functional Foods</i> , 2016, 20, 443-452.	3.4	3

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73	Coumarin: an alternative candidate for the treatment of non-alcoholic steatohepatitis?. British Journal of Nutrition, 2013, 109, 1542-1543.	2.3	2