

# Quancheng Kan

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

3,565  
citations

159585

30  
h-index

149698

56  
g-index

84  
all docs

84  
docs citations

84  
times ranked

5918  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut microbiome analysis as a tool towards targeted non-invasive biomarkers for early hepatocellular carcinoma. <i>Gut</i> , 2019, 68, 1014-1023.	12.1	498
2	The interplay between m6A RNA methylation and noncoding RNA in cancer. <i>Journal of Hematology and Oncology</i> , 2019, 12, 121.	17.0	367
3	A Metal-Coordinated Nanomedicine for Synergistic Cascade Cancer Chemotherapy and Chemodynamic Therapy. <i>Advanced Materials</i> , 2020, 32, e1906024.	21.0	300
4	Therapeutic microparticles functionalized with biomimetic cardiac stem cell membranes and secretome. <i>Nature Communications</i> , 2017, 8, 13724.	12.8	203
5	Alterations in the human oral and gut microbiomes and lipidomics in COVID-19. <i>Gut</i> , 2021, 70, 1253-1265.	12.1	168
6	Novel strategies to prevent the development of multidrug resistance (MDR) in cancer. <i>Oncotarget</i> , 2017, 8, 84559-84571.	1.8	142
7	Upregulation of Chemokine CXCL12 in the Dorsal Root Ganglia and Spinal Cord Contributes to the Development and Maintenance of Neuropathic Pain Following Spared Nerve Injury in Rats. <i>Neuroscience Bulletin</i> , 2016, 32, 27-40.	2.9	74
8	Novel mechanisms and approaches to overcome multidrug resistance in the treatment of ovarian cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2016, 1866, 266-275.	7.4	72
9	Recent development of CDK inhibitors: An overview of CDK/inhibitor co-crystal structures. <i>European Journal of Medicinal Chemistry</i> , 2019, 164, 615-639.	5.5	68
10	Role of MicroRNA-1 in Human Cancer and Its Therapeutic Potentials. <i>BioMed Research International</i> , 2014, 2014, 1-11.	1.9	61
11	The emerging roles and therapeutic potential of cyclin-dependent kinase 11 (CDK11) in human cancer. <i>Oncotarget</i> , 2016, 7, 40846-40859.	1.8	61
12	Matrine induces cell cycle arrest and apoptosis with recovery of the expression of miR-126 in the A549 non-small cell lung cancer cell line. <i>Molecular Medicine Reports</i> , 2016, 14, 4042-4048.	2.4	61
13	MicroRNA-1 (miR-1) inhibits gastric cancer cell proliferation and migration by targeting MET. <i>Tumor Biology</i> , 2015, 36, 6715-6723.	1.8	58
14	Association of preadmission metformin use and mortality in patients with sepsis and diabetes mellitus: a systematic review and meta-analysis of cohort studies. <i>Critical Care</i> , 2019, 23, 50.	5.8	58
15	Metformin attenuated sepsis-related liver injury by modulating gut microbiota. <i>Emerging Microbes and Infections</i> , 2022, 11, 815-828.	6.5	58
16	Circulating tumor DNA 5-hydroxymethylcytosine as a novel diagnostic biomarker for esophageal cancer. <i>Cell Research</i> , 2018, 28, 597-600.	12.0	57
17	miR3609 sensitizes breast cancer cells to adriamycin by blocking the programmed death-ligand 1 immune checkpoint. <i>Experimental Cell Research</i> , 2019, 380, 20-28.	2.6	55
18	Overexpression of EZH2 is associated with the poor prognosis in osteosarcoma and function analysis indicates a therapeutic potential. <i>Oncotarget</i> , 2016, 7, 38333-38346.	1.8	54

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19	MiR-103a-3p promotes tumour glycolysis in colorectal cancer via hippo/YAP1/HIF1A axis. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 250.	8.6	53
20	Synergistic antitumor activity of a self-assembling camptothecin and capecitabine hybrid prodrug for improved efficacy. <i>Journal of Controlled Release</i> , 2017, 263, 102-111.	9.9	51
21	VTE Risk Profiles and Prophylaxis in Medical and Surgical Inpatients. <i>Chest</i> , 2019, 155, 114-122.	0.8	51
22	Mitochondrial pyruvate carrier function determines cell stemness and metabolic reprogramming in cancer cells. <i>Oncotarget</i> , 2017, 8, 46363-46380.	1.8	50
23	Regulation of microRNAs function by circular RNAs in human cancer. <i>Oncotarget</i> , 2017, 8, 64622-64637.	1.8	45
24	Expression and therapeutic implications of cyclin-dependent kinase 4 (CDK4) in osteosarcoma. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 1573-1582.	3.8	45
25	Chlorogenic acid relieved oxidative stress injury in retinal ganglion cells through lncRNA-TUG1/Nrf2. <i>Cell Cycle</i> , 2019, 18, 1549-1559.	2.6	44
26	Cyclin-dependent kinase 11p110 (CDK11p110) is crucial for human breast cancer cell proliferation and growth. <i>Scientific Reports</i> , 2015, 5, 10433.	3.3	43
27	Blau syndrome with good Responses to Tocilizumab: A case report and focused literature review. <i>Seminars in Arthritis and Rheumatism</i> , 2018, 47, 727-731.	3.4	42
28	Regulation of microRNA-1 (miR-1) expression in human cancer. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2017, 1860, 227-232.	1.9	38
29	Mitochondrial pyruvate carrier function is negatively linked to Warburg phenotype <i>in vitro</i> and malignant features in esophageal squamous cell carcinomas. <i>Oncotarget</i> , 2017, 8, 1058-1073.	1.8	36
30	Identification of low-dose radiation-induced exosomal circ-METRN and miR-4709-3p/GRB14/PDGFR $\alpha$ pathway as a key regulatory mechanism in Glioblastoma progression and radioresistance: Functional validation and clinical theranostic significance. <i>International Journal of Biological Sciences</i> , 2021, 17, 1061-1078.	6.4	34
31	MMP-9-cleaved osteopontin isoform mediates tumor immune escape by inducing expansion of myeloid-derived suppressor cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 1478-1484.	2.1	33
32	MiR-133a acts as an anti-oncogene in Hepatocellular carcinoma by inhibiting FOSL2 through TGF- $\beta$ 2/Smad3 signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 168-176.	5.6	30
33	Interleukin-35 as an Emerging Player in Tumor Microenvironment. <i>Journal of Cancer</i> , 2019, 10, 2074-2082.	2.5	28
34	Expression and role of autophagy-associated p62 (SQSTM1) in multidrug resistant ovarian cancer. <i>Gynecologic Oncology</i> , 2018, 150, 143-150.	1.4	27
35	Alterations of Histone Modifications Contribute to Pregnane X Receptor-Mediated Induction of CYP3A4 by Rifampicin. <i>Molecular Pharmacology</i> , 2017, 92, 113-123.	2.3	26
36	Adipose-derived mesenchymal stem cells ameliorate acute liver injury in rat model of CLP induced-sepsis via sTNFR1. <i>Experimental Cell Research</i> , 2019, 383, 111465.	2.6	26

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37	Discrimination against people with hepatitis B in China. <i>Lancet, The</i> , 2015, 386, 245-246.	13.7	25
38	Ammonia-induced energy disorders interfere with bilirubin metabolism in hepatocytes. <i>Archives of Biochemistry and Biophysics</i> , 2014, 555-556, 16-22.	3.0	24
39	HMGBl Is Involved in the Protective Effect of the PPAR $\alpha$ Agonist Fenofibrate against Cardiac Hypertrophy. <i>PPAR Research</i> , 2014, 2014, 1-9.	2.4	23
40	Metabolic reprogramming is associated with flavopiridol resistance in prostate cancer DU145 cells. <i>Scientific Reports</i> , 2017, 7, 5081.	3.3	23
41	The brain-derived neurotrophic factor Val66Met polymorphism is not associated with schizophrenia: An updated meta-analysis of 11,480 schizophrenia cases and 13,490 controls. <i>Psychiatry Research</i> , 2015, 225, 217-220.	3.3	22
42	Analysis of bile acid profile in plasma to differentiate cholangiocarcinoma from benign biliary diseases and healthy controls. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 205, 105775.	2.5	22
43	Low preoperative serum ALB level is independently associated with poor overall survival in endometrial cancer patients. <i>Future Oncology</i> , 2020, 16, 307-316.	2.4	20
44	Suppression of miR-628-3p and miR-641 is involved in rifampin-mediated CYP3A4 induction in HepaRG cells. <i>Pharmacogenomics</i> , 2017, 18, 57-64.	1.3	19
45	Hydrogel-coated needles prevent puncture site bleeding. <i>Acta Biomaterialia</i> , 2021, 128, 305-313.	8.3	17
46	Hyperammonia induces specific liver injury through an intrinsic Ca <sup>2+</sup> -independent apoptosis pathway. <i>BMC Gastroenterology</i> , 2014, 14, 151.	2.0	15
47	Corticosteroids for Treating Sepsis in Adult Patients: A Systematic Review and Meta-Analysis. <i>Frontiers in Immunology</i> , 2021, 12, 709155.	4.8	14
48	Aberrant CDK9 expression within chordoma tissues and the therapeutic potential of a selective CDK9 inhibitor LDC000067. <i>Journal of Cancer</i> , 2020, 11, 132-141.	2.5	13
49	RNA N6-Methyladenosine in Cancer Metastasis: Roles, Mechanisms, and Applications. <i>Frontiers in Oncology</i> , 2021, 11, 681781.	2.8	13
50	Protein N-arginine methyltransferase 5 promotes the tumor progression and radioresistance of nasopharyngeal carcinoma. <i>Oncology Reports</i> , 2016, 35, 1703-1710.	2.6	12
51	The over-expression of FGFR4 could influence the features of gastric cancer cells and inhibit the efficacy of PD173074 and 5-fluorouracil towards gastric cancer. <i>Tumor Biology</i> , 2016, 37, 6881-6891.	1.8	12
52	Chemotherapy in combination with cytokine-induced killer cell transfusion: An effective therapeutic option for patients with extensive stage small cell lung cancer. <i>International Immunopharmacology</i> , 2017, 46, 170-177.	3.8	12
53	Integrated analysis profiles of long non-coding RNAs reveal potential biomarkers of drug resistance in lung cancer. <i>Oncotarget</i> , 2017, 8, 62868-62879.	1.8	12
54	Long non-coding RNAs MACC1-AS1 and FOXD2-AS1 mediate NSD2-induced cisplatin resistance in esophageal squamous cell carcinoma. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 23, 592-602.	5.1	12

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55	Involvement of long non-coding RNAs in the progression of esophageal cancer. <i>Cancer Communications</i> , 2021, 41, 371-388.	9.2	11
56	MiR-93-5p regulates tumorigenesis and tumor immunity by targeting PD-L1/CCND1 in breast cancer. <i>Annals of Translational Medicine</i> , 2022, 10, 203-203.	1.7	11
57	The Heterogeneity of Immune Cell Infiltration Landscape and Its Immunotherapeutic Implications in Hepatocellular Carcinoma. <i>Frontiers in Immunology</i> , 2022, 13, 861525.	4.8	11
58	CDK11p110 plays a critical role in the tumorigenicity of esophageal squamous cell carcinoma cells and is a potential drug target. <i>Cell Cycle</i> , 2019, 18, 452-466.	2.6	10
59	Association between intake of sweetened beverages with all-cause and cause-specific mortality: a systematic review and meta-analysis. <i>Journal of Public Health</i> , 2022, 44, 516-526.	1.8	10
60	Association of p21 3' UTR gene polymorphism with cancer risk: Evidence from a meta-analysis. <i>Scientific Reports</i> , 2015, 5, 13189.	3.3	7
61	Galectin-1 Modulates the Survival and Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand (TRAIL) Sensitivity in Human Hepatocellular Carcinoma Cells. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2015, 30, 336-341.	1.0	7
62	Silencing of FGFR4 could influence the biological features of gastric cancer cells and its therapeutic value in gastric cancer. <i>Tumor Biology</i> , 2016, 37, 3185-3195.	1.8	7
63	EGR1-CCL2 Feedback Loop Maintains Epithelial-Mesenchymal Transition of Cisplatin-Resistant Gastric Cancer Cells and Promotes Tumor Angiogenesis. <i>Digestive Diseases and Sciences</i> , 2022, 67, 3702-3713.	2.3	7
64	In vitro effects of mitomycin C on the proliferation of the non-small-cell lung cancer line A549. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 20516-23.	1.3	7
65	Specific expression of human interferon-gamma controls hepatitis B virus replication in vitro in secreting hepatitis B surface antigen hepatocytes. <i>Journal of Virological Methods</i> , 2012, 180, 84-90.	2.1	6
66	Poly (ADP-ribose) polymerase- and cytochrome c-mediated apoptosis induces hepatocyte injury in a rat model of hyperammonia-induced hepatic failure. <i>Molecular Medicine Reports</i> , 2015, 11, 4211-4219.	2.4	5
67	rs141C insertion/deletion polymorphism of the dopamine D2 receptor gene is associated with schizophrenia in Chinese Han population: Evidence from an ethnic group-specific meta-analysis. <i>Asia-Pacific Psychiatry</i> , 2016, 8, 189-198.	2.2	5
68	Development and validation of a simple risk model to predict major cancers for patients with nonalcoholic fatty liver disease. <i>Cancer Medicine</i> , 2020, 9, 1254-1262.	2.8	5
69	Association Between Prior Calcium Channel Blocker Use and Mortality in Septic Patients: A Meta-Analysis of Cohort Studies. <i>Frontiers in Pharmacology</i> , 2021, 12, 628825.	3.5	5
70	Ablation of MCM10 using CRISPR/Cas9 restrains the growth and migration of esophageal squamous cell carcinoma cells through inhibition of Akt signaling. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 3323-3333.	2.0	4
71	Lowering blood ammonia prevents hepatocyte injury and apoptosis. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 12347-55.	1.3	4
72	Selective synergistic anticancer effects of cisplatin and oridonin against human p53-mutant esophageal squamous carcinoma cells. <i>Anti-Cancer Drugs</i> , 2022, 33, e444-e452.	1.4	3

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73	Disturbance of hepatocyte growth and metabolism in a hyperammonemia microenvironment. Archives of Biochemistry and Biophysics, 2022, 716, 109109.	3.0	3
74	Design, Synthesis, and Biological Evaluation of 2-Anilino-4-Triazolpyrimidine Derivatives as CDK4/HDACs Inhibitors. Drug Design, Development and Therapy, 2022, Volume 16, 1083-1097.	4.3	3
75	Identification of esophageal cancer pathway deviation and construction of a diagnosis model using three kernel genes. Journal of Cellular Physiology, 2019, 234, 18098-18110.	4.1	2
76	Effects of cryptotanshinone on the expression levels of inflammatory factors in myocardial cells caused by Ang II and its mechanism. International Journal of Clinical and Experimental Medicine, 2015, 8, 12617-23.	1.3	2
77	High miRâ€³3609 expression is associated with better prognosis in TNBC based on mining using systematic integrated public sequencing data. Experimental and Therapeutic Medicine, 2021, 23, 54.	1.8	1
78	Heparin inhibits burn-induced spleen cell apoptosis by suppressing interleukin-1 expression. Chinese Medical Journal, 2014, 127, 2463-9.	2.3	1
79	Generation of induced pluripotent stem cell line (ZZUi0026-A) from a patient with spinocerebellar ataxia type 3. Stem Cell Research, 2021, 53, 102205.	0.7	0
80	Identification of Distinct Molecular Subtypes of Endometrioid Adenocarcinoma. Frontiers in Genetics, 2021, 12, 568779.	2.3	0