

# Kai Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

2,842  
citations

236925

25  
h-index

254184

43  
g-index

63  
all docs

63  
docs citations

63  
times ranked

5571  
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-genome sequencing identifies recurrent mutations in hepatocellular carcinoma. <i>Genome Research</i> , 2013, 23, 1422-1433.	5.5	457
2	Longitudinal Dynamics of the Neutralizing Antibody Response to Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infection. <i>Clinical Infectious Diseases</i> , 2021, 73, e531-e539.	5.8	177
3	Increased immune escape of the new SARS-CoV-2 variant of concern Omicron. <i>Cellular and Molecular Immunology</i> , 2022, 19, 293-295.	10.5	175
4	Kaempferol Derivatives as Antiviral Drugs against the 3a Channel Protein of Coronavirus. <i>Planta Medica</i> , 2014, 80, 177-182.	1.3	172
5	Emodin inhibits current through SARS-associated coronavirus 3a protein. <i>Antiviral Research</i> , 2011, 90, 64-69.	4.1	156
6	GSTZ1 sensitizes hepatocellular carcinoma cells to sorafenib-induced ferroptosis via inhibition of NRF2/GPX4 axis. <i>Cell Death and Disease</i> , 2021, 12, 426.	6.3	152
7	PEDV ORF3 encodes an ion channel protein and regulates virus production. <i>FEBS Letters</i> , 2012, 586, 384-391.	2.8	139
8	Viral proteins function as ion channels. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 510-515.	2.6	122
9	Emerging SARS-CoV-2 variants reduce neutralization sensitivity to convalescent sera and monoclonal antibodies. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1061-1063.	10.5	94
10	Development of cell-based pseudovirus entry assay to identify potential viral entry inhibitors and neutralizing antibodies against SARS-CoV-2. <i>Genes and Diseases</i> , 2020, 7, 551-557.	3.4	85
11	SLC27A5 deficiency activates NRF2/TXNRD1 pathway by increased lipid peroxidation in HCC. <i>Cell Death and Differentiation</i> , 2020, 27, 1086-1104.	11.2	69
12	Pharmacological or transcriptional inhibition of both HDAC1 and 2 leads to cell cycle blockage and apoptosis via p21 <sup>Waf1/Cip1</sup> and p19 <sup>INK4d</sup> upregulation in hepatocellular carcinoma. <i>Cell Proliferation</i> , 2018, 51, e12447.	5.3	63
13	The ORF4a protein of human coronavirus 229E functions as a viroporin that regulates viral production. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 1088-1095.	2.6	52
14	Identification of bis-benzylisoquinoline alkaloids as SARS-CoV-2 entry inhibitors from a library of natural products. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 131.	17.1	52
15	PCK1 negatively regulates cell cycle progression and hepatoma cell proliferation via the AMPK/p27Kip1 axis. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 50.	8.6	51
16	Gluconeogenic enzyme PCK1 deficiency promotes CHK2 O-GlcNAcylation and hepatocellular carcinoma growth upon glucose deprivation. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	51
17	Dynamics of the SARS-CoV-2 antibody response up to 10 months after infection. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1832-1834.	10.5	45
18	Potent SARS-CoV-2 neutralizing antibodies with protective efficacy against newly emerged mutational variants. <i>Nature Communications</i> , 2021, 12, 6304.	12.8	42

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19	GSTZ1 deficiency promotes hepatocellular carcinoma proliferation via activation of the KEAP1/NRF2 pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 438.	8.6	40
20	Genistein as Antiviral Drug against HIV Ion Channel. <i>Planta Medica</i> , 2014, 80, 682-687.	1.3	39
21	<scp>GSTZ</scp> 1 Deficiency Activates <scp>NRF</scp> 2/ <scp>IGF</scp> 1R Axis in <scp>HCC</scp> via Accumulation of Oncometabolite Succinylacetone. <i>EMBO Journal</i> , 2019, 38, e101964.	7.8	37
22	DIDS blocks a chloride-dependent current that is mediated by the 2B protein of enterovirus 71. <i>Cell Research</i> , 2011, 21, 1271-1275.	12.0	35
23	PCK1 Downregulation Promotes TXNRD1 Expression and Hepatoma Cell Growth via the Nrf2/Keap1 Pathway. <i>Frontiers in Oncology</i> , 2018, 8, 611.	2.8	34
24	Hexosamine biosynthetic pathway promotes the antiviral activity of SAMHD1 by enhancing O-GlcNAc transferase-mediated protein O-GlcNAcylation. <i>Theranostics</i> , 2021, 11, 805-823.	10.0	34
25	Cisplatin induces autophagy to enhance hepatitis B virus replication via activation of ROS/JNK and inhibition of the Akt/mTOR pathway. <i>Free Radical Biology and Medicine</i> , 2019, 131, 225-236.	2.9	31
26	The ns12.9 Accessory Protein of Human Coronavirus OC43 Is a Viroporin Involved in Virion Morphogenesis and Pathogenesis. <i>Journal of Virology</i> , 2015, 89, 11383-11395.	3.4	29
27	DNA and RNA sequencing identified a novel oncogene VPS35 in liver hepatocellular carcinoma. <i>Oncogene</i> , 2020, 39, 3229-3244.	5.9	27
28	O-GlcNAc modified-TIP60/KAT5 is required for PCK1 deficiency-induced HCC metastasis. <i>Oncogene</i> , 2021, 40, 6707-6719.	5.9	22
29	A Rapid and Efficient Screening System for Neutralizing Antibodies and Its Application for SARS-CoV-2. <i>Frontiers in Immunology</i> , 2021, 12, 653189.	4.8	20
30	NCK1-AS1 enhances glioma cell proliferation, radioresistance and chemoresistance via miR-22-3p/IGF1R ceRNA pathway. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110395.	5.6	19
31	Cisplatin Enhances Hepatitis B Virus Replication and PGC-1 $\beta$ Expression through Endoplasmic Reticulum Stress. <i>Scientific Reports</i> , 2018, 8, 3496.	3.3	18
32	Changes in the humoral immunity response in SARS-CoV-2 convalescent patients over 8 months. <i>Cellular and Molecular Immunology</i> , 2021, 18, 490-491.	10.5	18
33	Obatoclox inhibits SARS-CoV-2 entry by altered endosomal acidification and impaired cathepsin and furin activity in vitro. <i>Emerging Microbes and Infections</i> , 2022, 11, 483-497.	6.5	16
34	<scp>HB</scp>x protein-mediated <scp>ATOH</scp>1 downregulation suppresses <scp>ARID</scp>2 expression and promotes hepatocellular carcinoma. <i>Cancer Science</i> , 2017, 108, 1328-1337.	3.9	14
35	Reduced neutralization of SARS-CoV-2 B.1.617 variant by convalescent and vaccinated sera. <i>Genes and Diseases</i> , 2022, 9, 1290-1300.	3.4	13
36	Integrated Proteomics and Bioinformatics to Identify Potential Prognostic Biomarkers in Hepatocellular Carcinoma. <i>Cancer Management and Research</i> , 2021, Volume 13, 2307-2317.	1.9	12

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37	Coronaviral Ion Channels as Target for Chinese Herbal Medicine. Forum on Immunopathological Diseases and Therapeutics, 2012, 3, 1-13.	0.1	11
38	Depletion of VPS35 attenuates metastasis of hepatocellular carcinoma by restraining the Wnt/PCP signaling pathway. Genes and Diseases, 2021, 8, 232-240.	3.4	8
39	GSTZ1 downregulates Wnt/ $\beta$ -catenin signalling in hepatocellular carcinoma cells. FEBS Open Bio, 2020, 10, 6-17.	2.3	7
40	Transcriptomic changes associated with PCK1 overexpression in hepatocellular carcinoma cells detected by RNA-seq. Genes and Diseases, 2020, 7, 150-159.	3.4	6
41	Humoral responses in naive or SARS-CoV-2 experienced individuals vaccinated with an inactivated vaccine. Cell Discovery, 2021, 7, 68.	6.7	6
42	Structure-Based Discovery of N-Sulfonylpiperidine-3-Carboxamides as Novel Capsid Assembly Modulators for Potent Inhibition of HBV Replication. Viruses, 2022, 14, 348.	3.3	5
43	PCK1 dysregulation in cancer: Metabolic reprogramming, oncogenic activation, and therapeutic opportunities. Genes and Diseases, 2023, 10, 101-112.	3.4	4
44	Histone Deacetylase Inhibitors Romidepsin and Vorinostat Promote Hepatitis B Virus Replication by Inducing Cell Cycle Arrest. Journal of Clinical and Translational Hepatology, 2021, 000, 000-000.	1.4	1