Kai Wang

List of Publications by Year
in descending order

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	PCK1 dysregulation in cancer: Metabolic reprogramming, oncogenic activation, and therapeutic opportunities. Genes and Diseases, 2023, 10, 101-112.	3.4	4
2	Reduced neutralization of SARS-CoV-2 B.1.617 variant by convalescent and vaccinated sera. Genes and Diseases, 2022, 9, 1290-1300.	3.4	13
3	Increased immune escape of the new SARS-CoV-2 variant of concern Omicron. Cellular and Molecular Immunology, 2022, 19, 293-295.	10.5	175
4	Obatoclax inhibits SARS-CoV-2 entry by altered endosomal acidification and impaired cathepsin and furin activity in vitro. Emerging Microbes and Infections, 2022, 11, 483-497.	6.5	16
5	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
6	Longitudinal Dynamics of the Neutralizing Antibody Response to Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infection. Clinical Infectious Diseases, 2021, 73, e531-e539.	5.8	177
7	Hexosamine biosynthetic pathway promotes the antiviral activity of SAMHD1 by enhancing O-GlcNAc transferase-mediated protein O-GlcNAcylation. Theranostics, 2021, 11, 805-823.	10.0	34
8	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
9	Changes in the humoral immunity response in SARS-CoV-2 convalescent patients over 8 months. Cellular and Molecular Immunology, 2021, 18, 490-491.	10.5	18
10	Emerging SARS-CoV-2 variants reduce neutralization sensitivity to convalescent sera and monoclonal antibodies. Cellular and Molecular Immunology, 2021, 18, 1061-1063.	10.5	94
11	Identification of bis-benzylisoquinoline alkaloids as SARS-CoV-2 entry inhibitors from a library of natural products. Signal Transduction and Targeted Therapy, 2021, 6, 131.	17.1	52
12	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
13	A Rapid and Efficient Screening System for Neutralizing Antibodies and Its Application for SARS-CoV-2. Frontiers in Immunology, 2021, 12, 653189.	4.8	20
14	Integrated Proteomics and Bioinformatics to Identify Potential Prognostic Biomarkers in Hepatocellular Carcinoma. Cancer Management and Research, 2021, Volume 13, 2307-2317.	1.9	12
15	GSTZ1 sensitizes hepatocellular carcinoma cells to sorafenib-induced ferroptosis via inhibition of NRF2/GPX4 axis. Cell Death and Disease, 2021, 12, 426.	6.3	152
16	Gluconeogenic enzyme PCK1 deficiency promotes CHK2 O-GlcNAcylation and hepatocellular carcinoma growth upon glucose deprivation. Journal of Clinical Investigation, 2021, 131, .	8.2	51
17	Dynamics of the SARS-CoV-2 antibody response up to 10 months after infection. Cellular and Molecular Immunology, 2021, 18, 1832-1834.	10.5	45
18	Humoral responses in naive or SARS-CoV-2 experienced individuals vaccinated with an inactivated vaccine. Cell Discovery, 2021, 7, 68.	6.7	6

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19	O-GlcNAc modified-TIP60/KAT5 is required for PCK1 deficiency-induced HCC metastasis. Oncogene, 2021, 40, 6707-6719.	5.9	22
20	Potent SARS-CoV-2 neutralizing antibodies with protective efficacy against newly emerged mutational variants. Nature Communications, 2021, 12, 6304.	12.8	42
21	Transcriptomic changes associated with PCK1 overexpression in hepatocellular carcinoma cells detected by RNA-seq. Genes and Diseases, 2020, 7, 150-159.	3.4	6
22	SLC27A5 deficiency activates NRF2/TXNRD1 pathway by increased lipid peroxidation in HCC. Cell Death and Differentiation, 2020, 27, 1086-1104.	11.2	69
23	GSTZ1â€‚downregulates Wnt/Î²â€‚catenin signalling in hepatocellular carcinoma cells. FEBS Open Bio, 2020, 10, 6-17.	2.3	7
24	NCK1-AS1 enhances glioma cell proliferation, radioresistance and chemoresistance via miR-22-3p/IGF1R ceRNA pathway. Biomedicine and Pharmacotherapy, 2020, 129, 110395.	5.6	19
25	Development of cell-based pseudovirus entry assay to identify potential viral entry inhibitors and neutralizing antibodies against SARS-CoV-2. Genes and Diseases, 2020, 7, 551-557.	3.4	85
26	DNA and RNA sequencing identified a novel oncogene VPS35 in liver hepatocellular carcinoma. Oncogene, 2020, 39, 3229-3244.	5.9	27
27	<scp>GSTZ</scp> 1â€‚Deficiency Activates <scp>NRF</scp> 2/ <scp>IGF</scp> 1R Axis in <scp>HCC</scp> via Accumulation of Oncometabolite Succinylacetone. EMBO Journal, 2019, 38, e101964.	7.8	37
28	GSTZ1 deficiency promotes hepatocellular carcinoma proliferation via activation of the KEAP1/NRF2 pathway. Journal of Experimental and Clinical Cancer Research, 2019, 38, 438.	8.6	40
29	PCK1 negatively regulates cell cycle progression and hepatoma cell proliferation via the AMPK/p27Kip1 axis. Journal of Experimental and Clinical Cancer Research, 2019, 38, 50.	8.6	51
30	Cisplatin induces autophagy to enhance hepatitis B virus replication via activation of ROS/JNK and inhibition of the Akt/mTOR pathway. Free Radical Biology and Medicine, 2019, 131, 225-236.	2.9	31
31	Cisplatin Enhances Hepatitis B Virus Replication and PGC-1Î± Expression through Endoplasmic Reticulum Stress. Scientific Reports, 2018, 8, 3496.	3.3	18
32	Pharmacological or transcriptional inhibition of both <scp>HDAC</scp>1 and 2 leads to cell cycle blockage and apoptosis via p21^{Waf1/Cip1} and p19^{INK4d} upregulation in hepatocellular carcinoma. Cell Proliferation, 2018, 51, e12447.	5.3	63
33	PCK1 Downregulation Promotes TXNRD1 Expression and Hepatoma Cell Growth via the Nrf2/Keap1 Pathway. Frontiers in Oncology, 2018, 8, 611.	2.8	34
34	<scp>HB</scp>x proteinâ€‚mediated <scp>ATOH</scp>1 downregulation suppresses <scp>ARID</scp>2 expression and promotes hepatocellular carcinoma. Cancer Science, 2017, 108, 1328-1337.	3.9	14
35	The ns12.9 Accessory Protein of Human Coronavirus OC43 Is a Viroporin Involved in Virion Morphogenesis and Pathogenesis. Journal of Virology, 2015, 89, 11383-11395.	3.4	29
36	Genistein as Antiviral Drug against HIV Ion Channel. Planta Medica, 2014, 80, 682-687.	1.3	39

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37	Kaempferol Derivatives as Antiviral Drugs against the 3a Channel Protein of Coronavirus. Planta Medica, 2014, 80, 177-182.	1.3	172
38	The ORF4a protein of human coronavirus 229E functions as a viroporin that regulates viral production. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 1088-1095.	2.6	52
39	Whole-genome sequencing identifies recurrent mutations in hepatocellular carcinoma. Genome Research, 2013, 23, 1422-1433.	5.5	457
40	Coronaviral Ion Channels as Target for Chinese Herbal Medicine. Forum on Immunopathological Diseases and Therapeutics, 2012, 3, 1-13.	0.1	11
41	PEDV ORF3 encodes an ion channel protein and regulates virus production. FEBS Letters, 2012, 586, 384-391.	2.8	139
42	Viral proteins function as ion channels. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 510-515.	2.6	122
43	Emodin inhibits current through SARS-associated coronavirus 3a protein. Antiviral Research, 2011, 90, 64-69.	4.1	156
44	DIDS blocks a chloride-dependent current that is mediated by the 2B protein of enterovirus 71. Cell Research, 2011, 21, 1271-1275.	12.0	35