Tao Peng

List of Publications by Year
in descending order

81 papers	2,404 citations	159585 30 h-index	243625 44 g-index
84 all docs	84 docs citations	84 times ranked	3350 citing authors

#	Article	IF	Citations
1	Glycopeptide Antibiotics Potently Inhibit Cathepsin L in the Late Endosome/Lysosome and Block the Entry of Ebola Virus, Middle East Respiratory Syndrome Coronavirus (MERS-CoV), and Severe Acute Respiratory Syndrome Coronavirus (SARS-CoV). Journal of Biological Chemistry, 2016, 291, 9218-9232.	3.4	230
2	Traditional Chinese herbal medicine as a source of molecules with antiviral activity. Antiviral Research, 2013, 97, 1-9.	4.1	156
3	The Kinase IKKÎ² Regulates a STING- and NF-ÎºB-Dependent Antiviral Response Pathway in Drosophila. Immunity, 2018, 49, 225-234.e4.	14.3	114
4	Heptaketides with antiviral activity from three endolichenic fungal strains Nigrospora sp., Alternaria sp. and Phialophora sp.. FÃ¬toterapÃ¬Ã¢, 2012, 83, 1087-1091.	2.2	85
5	The gH-gL Complex of Herpes Simplex Virus (HSV) Stimulates Neutralizing Antibody and Protects Mice against HSV Type 1 Challenge. Journal of Virology, 1998, 72, 65-72.	3.4	83
6	Inhibition of enterovirus 71 replication by chrysosplenetin and penduletin. European Journal of Pharmaceutical Sciences, 2011, 44, 392-398.	4.0	58
7	Quantitative analysis of elevated serum Golgi protein-73 expression in patients with liver diseases. Annals of Clinical Biochemistry, 2009, 46, 38-43.	1.6	57
8	Potent Neutralization of Influenza A Virus by a Single-Domain Antibody Blocking M2 Ion Channel Protein. PLoS ONE, 2011, 6, e28309.	2.5	57
9	Up-regulated Golgi phosphoprotein 2 (GOLPH2) expression in lung adenocarcinoma tissue. Clinical Biochemistry, 2010, 43, 983-991.	1.9	52
10	Intranasal administration of a recombinant RBD vaccine induced protective immunity against SARS-CoV-2 in mouse. Vaccine, 2021, 39, 2280-2287.	3.8	47
11	Parkin Impairs Antiviral Immunity by Suppressing the Mitochondrial Reactive Oxygen Species-Nlrp3 Axis and Antiviral Inflammation. IScience, 2019, 16, 468-484.	4.1	46
12	2â€²3â€²-cGAMP triggers a STING- and NF-ÎºBâ€“dependent broad antiviral response in Drosophila. Science Signaling, 2020, 13, .	3.6	46
13	Anti-herpes simplex virus type 1 activity of Houttuynoid A,ÂaÂflavonoid from Houttuynia cordata Thunb. Antiviral Research, 2017, 144, 273-280.	4.1	45
14	Epsteinâ€Barr virus tegument protein BGLF2 inhibits NFâ€ÎºB activity by preventing p65 Ser536 phosphorylation. FASEB Journal, 2019, 33, 10563-10576.	0.5	45
15	Identification and characterization of acyclovir-resistant clinical HSV-1 isolates from children. Journal of Clinical Virology, 2011, 52, 107-112.	3.1	44
16	Heat-Shock Protein 90 Promotes Nuclear Transport of Herpes Simplex Virus 1 Capsid Protein by Interacting with Acetylated Tubulin. PLoS ONE, 2014, 9, e99425.	2.5	43
17	Probing the nuclear import signal and nuclear transport molecular determinants of PRV ICP22. Cell and Bioscience, 2016, 6, 3.	4.8	43
18	Comparative genomic analysis of two strains of human adenovirus type 3 isolated from children with acute respiratory infection in southern China. Journal of General Virology, 2006, 87, 1531-1541.	2.9	42

#	Article	IF	Citations
19	The Golgi Localization of GOLPH2 (GP73/GOLM1) Is Determined by the Transmembrane and Cytoplamic Sequences. PLoS ONE, 2011, 6, e28207.	2.5	42
20	Golgi phosphoprotein 2 (GOLPH2/GP73/GOLM1) interacts with secretory clusterin. Molecular Biology Reports, 2011, 38, 1457-1462.	2.3	38
21	Broadly neutralizing antibodyâ€“derived CAR T cells reduce viral reservoir in individuals infected with HIV-1. Journal of Clinical Investigation, 2021, 131, .	8.2	38
22	Houttuynoids Aâ€“E, Anti-Herpes Simplex Virus Active Flavonoids with Novel Skeletons from Houttuynia cordata. Organic Letters, 2012, 14, 1772-1775.	4.6	35
23	Golgi phosphoprotein 2 in physiology and in diseases. Cell and Bioscience, 2012, 2, 31.	4.8	33
24	Characterization of the subcellular localization of Epstein-Barr virus encoded proteins in live cells. Oncotarget, 2017, 8, 70006-70034.	1.8	33
25	Identification of molecular determinants for the nuclear import of pseudorabies virus UL31. Archives of Biochemistry and Biophysics, 2015, 587, 12-17.	3.0	32
26	Agrocybone, a novel bis-sesquiterpene with a spirodienone structure from basidiomycete Agrocybe salicacola. Tetrahedron Letters, 2010, 51, 3443-3445.	1.4	31
27	Endoplasmic Reticulum Stress Links Hepatitis C Virus RNA Replication to Wild-Type PGC-1Î±/Liver-Specific PGC-1Î± Upregulation. Journal of Virology, 2014, 88, 8361-8374.	3.4	31
28	Hepatocyte Nuclear Factor 4Î± and Downstream Secreted Phospholipase A ₂ GXIIB Regulate Production of Infectious Hepatitis C Virus. Journal of Virology, 2014, 88, 612-627.	3.4	31
29	Characterization of the nuclear import and export signals of pseudorabies virus UL31. Archives of Virology, 2015, 160, 2591-2594.	2.1	31
30	Rare inborn errors associated with chronic hepatitis B virus infection*. Hepatology, 2012, 56, 1661-1670.	7.3	30
31	Characterization of the nuclear import signal of herpes simplex virus 1 UL31. Archives of Virology, 2016, 161, 2379-2385.	2.1	30
32	The Interaction Mechanism Between Herpes Simplex Virus 1 Glycoprotein D and Host Antiviral Protein Viperin. Frontiers in Immunology, 2019, 10, 2810.	4.8	27
33	Herpes Simplex Virus 1 UL2 Inhibits the TNF-Î±â€“Mediated NF-ÎºB Activity by Interacting With p65/p50. Frontiers in Immunology, 2020, 11, 549.	4.8	27
34	Aqueous Extract from a Chaga Medicinal Mushroom, Inonotus obliquus (Higher Basidiomyetes), Prevents Herpes Simplex Virus Entry Through Inhibition of Viral-Induced Membrane Fusion. International Journal of Medicinal Mushrooms, 2013, 15, 29-38.	1.5	26
35	Characterization of the subcellular localization and nuclear import molecular mechanisms of herpes simplex virus 1 UL2. Biological Chemistry, 2017, 398, 509-517.	2.5	24
36	Characterization of the Nucleocytoplasmic Transport Mechanisms of Epstein-Barr Virus BFLF2. Cellular Physiology and Biochemistry, 2018, 51, 1500-1517.	1.6	24

#	Article	IF	Citations
37	Identification of the molecular determinants for nuclear import of PRV EP0. Biological Chemistry, 2019, 400, 1385-1394.	2.5	24
38	Engineering a Reliable and Convenient SARS-CoV-2 Replicon System for Analysis of Viral RNA Synthesis and Screening of Antiviral Inhibitors. MBio, 2021, 12, .	4.1	22
39	The nuclear localization signal-mediated nuclear targeting of herpes simplex virus 1 early protein UL2 is important for efficient viral production. Aging, 2020, 12, 2921-2938.	3.1	21
40	Rapid isothermal detection assay: a probe amplification method for the detection of nucleic acids. Diagnostic Microbiology and Infectious Disease, 2008, 60, 133-141.	1.8	20
41	Hyperthermia Induces Apoptosis of 786-O Cells through Suppressing Ku80 Expression. PLoS ONE, 2015, 10, e0122977.	2.5	20
42	Cell-death-inducing DFFA-like Effector B Contributes to the Assembly of Hepatitis C Virus (HCV) Particles and Interacts with HCV NS5A. Scientific Reports, 2016, 6, 27778.	3.3	20
43	Epstein-Barr Virus Early Protein BFRF1 Suppresses IFN-Î² Activity by Inhibiting the Activation of IRF3. Frontiers in Immunology, 2020, 11, 513383.	4.8	20
44	Anti HSV-1 Flavonoid Derivatives Tethered with Houttuynin from Houttuynia cordata. Planta Medica, 2013, 79, 1742-1748.	1.3	19
45	GP73 Is Upregulated by Hepatitis C Virus (HCV) Infection and Enhances HCV Secretion. PLoS ONE, 2014, 9, e90553.	2.5	19
46	Clinically isolated enterovirus A71 subgenogroup C4 strain with lethal pathogenicity in 14-day-old mice and the application as an EV-A71 mouse infection model. Antiviral Research, 2017, 137, 67-75.	4.1	19
47	Wnt5a Promotes Cortical Neuron Survival by Inhibiting Cell-Cycle Activation. Frontiers in Cellular Neuroscience, 2017, 11, 281.	3.7	19
48	Virus-like particle vaccines for poliovirus types 1, 2, and 3 with enhanced thermostability expressed in insect cells. Vaccine, 2019, 37, 2340-2347.	3.8	18
49	Herpes Simplex Virus (HSV) Immediate-Early (IE) Promoter-Directed Reporter System for the Screening of Antiherpetics Targeting the Early Stage of HSV Infection. Journal of Biomolecular Screening, 2010, 15, 1016-1020.	2.6	17
50	Herpes simplex virus type 1 infection activates the Epstein-Barr virus replicative cycle via a CREB-dependent mechanism. Cellular Microbiology, 2012, 14, 546-559.	2.1	17
51	Molecular anatomy of the subcellular localization and nuclear import mechanism of herpes simplex virus 1 UL6. Aging, 2020, 12, 5751-5763.	3.1	17
52	Cloning and characterization of human Golgi phosphoprotein 2 gene (GOLPH2/GP73/GOLM1) promoter. Biochemical and Biophysical Research Communications, 2012, 421, 713-720.	2.1	15
53	Intracellular distribution of pseudorabies virus UL2 and detection of its nuclear import mechanism. Biological Chemistry, 2020, 401, 309-317.	2.5	15
54	Strategy, Progress, and Challenges of Drug Repurposing for Efficient Antiviral Discovery. Frontiers in Pharmacology, 2021, 12, 660710.	3.5	15

#	Article	IF	Citations
55	Novel technologies for studying virusâ€“host interaction and discovering new drug targets for HCV and HIV. Current Opinion in Pharmacology, 2002, 2, 541-547.	3.5	14
56	Determination of serum neutralization antibodies against seasonal influenza A strain H3N2 and the emerging strains 2009 H1N1 and avian H5N1. Scandinavian Journal of Infectious Diseases, 2011, 43, 216-220.	1.5	14
57	Avasimibe: A novel hepatitis C virus inhibitor that targets the assembly of infectious viral particles. Antiviral Research, 2017, 148, 5-14.	4.1	13
58	Xenopus as a Model System for the Study of GOLPH2/GP73 Function: Xenopus golph2 Is Required for Pronephros Development. PLoS ONE, 2012, 7, e38939.	2.5	12
59	Epithelium-Specific ETS (ESE)-1 upregulated GP73 expression in hepatocellular carcinoma cells. Cell and Bioscience, 2014, 4, 76.	4.8	12
60	Lovastatin Inhibits HIV-1-Induced MHC-I Downregulation by Targeting Nefâ€“AP-1 Complex Formation: A New Strategy to Boost Immune Eradication of HIV-1 Infected Cells. Frontiers in Immunology, 2019, 10, 2151.	4.8	12
61	Correlation between upper and lower airway inflammations in patients with combined allergic rhinitis and asthma syndrome: A comparison of patients initially presenting with allergic rhinitis and those initially presenting with asthma. Experimental and Therapeutic Medicine, 2018, 15, 1761-1767.	1.8	11
62	Sputum Autoantibodies Are More Relevant in Autoimmune Responses in Asthma than Are Serum Autoantibodies. Allergy, Asthma and Immunology Research, 2019, 11, 406.	2.9	11
63	Identification of miRNA-mRNA Crosstalk in Respiratory Syncytial Virus- (RSV-) Associated Pediatric Pneumonia through Integrated miRNAome and Transcriptome Analysis. Mediators of Inflammation, 2020, 2020, 1-13.	3.0	11
64	Strategies for antiviral screening targeting early steps of virus infection. Virologica Sinica, 2010, 25, 281-293.	3.0	10
65	A novel regulatory circuit of miRâ€152 and DNMT1 in human bladder cancer. Oncology Reports, 2018, 40, 1803-1812.	2.6	9
66	Covalent Protein Modification: An Unignorable Factor for Bisphenol A-Induced Hepatotoxicity. Environmental Science & Technology, 2022, 56, 9536-9545.	10.0	9
67	Apolipoprotein M, identified as a novel hepatitis C virus (HCV) particle associated protein, contributes to HCV assembly and interacts with E2 protein. Antiviral Research, 2020, 177, 104756.	4.1	8
68	Effect of Ku70 expression on radiosensitivity in renal carcinoma 786-O cells. Cancer Cell International, 2014, 14, 44.	4.1	7
69	Long-chain fatty acyl-coenzyme A suppresses hepatitis C virus infection by targeting virion-bound lipoproteins. Antiviral Research, 2020, 177, 104734.	4.1	6
70	The Molecular Mechanism of Herpes Simplex Virus 1 UL31 in Antagonizing the Activity of IFN-Î². Microbiology Spectrum, 2022, 10, e0188321.	3.0	6
71	Human Enterovirus 71 Protein Displayed on the Surface ofSaccharomyces cerevisiaeas an Oral Vaccine. Viral Immunology, 2016, 29, 288-295.	1.3	5
72	Low Innate Immunity and Lagged Adaptive Immune Response in the Re-Tested Viral RNA Positivity of a COVID-19 Patient. Frontiers in Immunology, 2021, 12, 664619.	4.8	5

#	Article	IF	Citations
73	The E484K Substitution in a SARS-CoV-2 Spike Protein Subunit Vaccine Resulted in Limited Cross-Reactive Neutralizing Antibody Responses in Mice. Viruses, 2022, 14, 854.	3.3	5
74	In Vivo and In Vitro Genome-Wide Profiling of RNA Secondary Structures Reveals Key Regulatory Features in Plasmodium falciparum. Frontiers in Cellular and Infection Microbiology, 2021, 11, 673966.	3.9	4
75	Differential expression of sputum and serum autoantibodies in patients with chronic obstructive pulmonary disease. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L1169-L1182.	2.9	4
76	Mechanistic insights into the roles of three linked single-stranded template binding residues of MMLV reverse transcriptase in misincorporation and mispair extension fidelity of DNA synthesis. Gene, 2011, 479, 47-56.	2.2	3
77	A novel chloro-substituted pentenamide from the fruiting bodies of Amanita virgineoides. Journal of Asian Natural Products Research, 2018, 20, 86-91.	1.4	3
78	Dissociation between airway and systemic autoantibody responses in chronic obstructive pulmonary disease. Annals of Translational Medicine, 2020, 8, 918-918.	1.7	3
79	New advances in quantitative proteomics research and current applications in asthma. Expert Review of Proteomics, 2021, 18, 1045-1057.	3.0	3
80	Identification of clinically relevant subgroups of COPD based on airway and circulating autoantibody profiles. Molecular Medicine Reports, 2019, 20, 2882-2892.	2.4	2
81	GP73 was upregulated in PBMC stimulated with ConA but failed to promote lymphocyte proliferation. Cell Biology International, 2015, 39, 334-340.	3.0	1