Qi Lv

List of Publications by Year
in descending order

25 papers	4,382 citations	516710 16 h-index	552781 26 g-index
26 all docs	26 docs citations	26 times ranked	10311 citing authors

#	Article	IF	Citations
1	Potent Neutralizing Antibodies against SARS-CoV-2 Identified by High-Throughput Single-Cell Sequencing of Convalescent Patients' B Cells. Cell, 2020, 182, 73-84.e16.	28.9	1,139
2	The pathogenicity of SARS-CoV-2 in hACE2 transgenic mice. Nature, 2020, 583, 830-833.	27.8	992
3	A vaccine targeting the RBD of the S protein of SARS-CoV-2 induces protective immunity. Nature, 2020, 586, 572-577.	27.8	630
4	Primary exposure to SARS-CoV-2 protects against reinfection in rhesus macaques. Science, 2020, 369, 818-823.	12.6	416
5	Structurally Resolved SARS-CoV-2 Antibody Shows High Efficacy in Severely Infected Hamsters and Provides a Potent Cocktail Pairing Strategy. Cell, 2020, 183, 1013-1023.e13.	28.9	227
6	Ocular conjunctival inoculation of SARS-CoV-2 can cause mild COVID-19 in rhesus macaques. Nature Communications, 2020, 11, 4400.	12.8	161
7	SARS-CoV-2 crosses the blood–brain barrier accompanied with basement membrane disruption without tight junctions alteration. Signal Transduction and Targeted Therapy, 2021, 6, 337.	17.1	157
8	The comprehensive study on the therapeutic effects of baicalein for the treatment of COVID-19 in vivo and in vitro. Biochemical Pharmacology, 2021, 183, 114302.	4.4	98
9	Mucus production stimulated by IFN-AhR signaling triggers hypoxia of COVID-19. Cell Research, 2020, 30, 1078-1087.	12.0	92
10	Distinct uptake, amplification, and release of SARS-CoV-2 by M1 and M2 alveolar macrophages. Cell Discovery, 2021, 7, 24.	6.7	91
11	Transmission of Severe Acute Respiratory Syndrome Coronavirus 2 via Close Contact and Respiratory Droplets Among Human Angiotensin-Converting Enzyme 2 Mice. Journal of Infectious Diseases, 2020, 222, 551-555.	4.0	61
12	Susceptibility and Attenuated Transmissibility of SARS-CoV-2 in Domestic Cats. Journal of Infectious Diseases, 2021, 223, 1313-1321.	4.0	46
13	Sequential infection with H1N1 and SARS-CoV-2 aggravated COVID-19 pathogenesis in a mammalian model, and co-vaccination as an effective method of prevention of COVID-19 and influenza. Signal Transduction and Targeted Therapy, 2021, 6, 200.	17.1	41
14	Therapeutic efficacy of Pudilan Xiaoyan Oral Liquid (PDL) for COVID-19 in vitro and in vivo. Signal Transduction and Targeted Therapy, 2020, 5, 66.	17.1	38
15	Analysis of the molecular mechanism of Pudilan (PDL) treatment for COVID-19 by network pharmacology tools. Biomedicine and Pharmacotherapy, 2020, 128, 110316.	5.6	37
16	Vγ4+γδT Cells Aggravate Severe H1N1 Influenza Virus Infection-Induced Acute Pulmonary Immunopathological Injury via Secreting Interleukin-17A. Frontiers in Immunology, 2017, 8, 1054.	4.8	36
17	Repurposing carrimycin as an antiviral agent against human coronaviruses, including the currently pandemic SARS-CoV-2. Acta Pharmaceutica Sinica B, 2021, 11, 2850-2858.	12.0	19
18	SARS-CoV-2 infection aggravates chronic comorbidities of cardiovascular diseases and diabetes in mice. Animal Models and Experimental Medicine, 2021, 4, 2-15.	3.3	17

#	Article	IF	Citations
19	Sequential immunizations confer cross-protection against variants of SARS-CoV-2, including Omicron in Rhesus macaques. Signal Transduction and Targeted Therapy, 2022, 7, 124.	17.1	15
20	ACE2 expression is regulated by AhR in SARS-CoV-2-infected macaques. Cellular and Molecular Immunology, 2021, 18, 1308-1310.	10.5	14
21	Antigenicity and transmissibility of a novel clade 2.3.2.1 avian influenza H5N1 virus. Journal of General Virology, 2013, 94, 2616-2626.	2.9	12
22	Integrated histopathological, lipidomic, and metabolomic profiles reveal mink is a useful animal model to mimic the pathogenicity of severe COVID-19 patients. Signal Transduction and Targeted Therapy, 2022, 7, 29.	17.1	12
23	Characterization of an H9N2 avian influenza virus from a Fringilla montifringilla brambling in northern China. Virology, 2015, 476, 289-297.	2.4	11
24	Sensitivity of SARSâ€CoVâ€2 to different temperatures. Animal Models and Experimental Medicine, 2020, 3, 316-318.	3.3	10
25	Sequentially immuneâ€induced antibodies could crossâ€neutralize SARSâ€CoVâ€2 variants. Animal Models and Experimental Medicine, 2022, 5, 89-93.	3.3	4