Yan Zhu

List of Publications by Year
in descending order

35 papers	22,791 citations	361045 20 h-index	301761 39 g-index
39 all docs	39 docs citations	39 times ranked	42265 citing authors

#	Article	IF	Citations
1	A pneumonia outbreak associated with a new coronavirus of probable bat origin. Nature, 2020, 579, 270-273.	13.7	17,004
2	Isolation and characterization of a bat SARS-like coronavirus that uses the ACE2 receptor. Nature, 2013, 503, 535-538.	13.7	1,439
3	Structure of the RNA-dependent RNA polymerase from COVID-19 virus. Science, 2020, 368, 779-782.	6.0	1,228
4	Fatal swine acute diarrhoea syndrome caused by an HKU2-related coronavirus of bat origin. Nature, 2018, 556, 255-258.	13.7	565
5	Pathogenesis of SARS-CoV-2 in Transgenic Mice Expressing Human Angiotensin-Converting Enzyme 2. Cell, 2020, 182, 50-58.e8.	13.5	502
6	Structural basis for the inhibition of SARS-CoV-2 main protease by antineoplastic drug carmofur. Nature Structural and Molecular Biology, 2020, 27, 529-532.	3.6	339
7	Dampened STING-Dependent Interferon Activation in Bats. Cell Host and Microbe, 2018, 23, 297-301.e4.	5.1	206
8	Crystal structure of SARS-CoV-2 main protease in complex with protease inhibitor PF-07321332. Protein and Cell, 2022, 13, 689-693.	4.8	136
9	Characterization of a filovirus (MÄ›nglÃ virus) from Rousettus bats in China. Nature Microbiology, 2019, 4, 390-395.	5.9	116
10	ACE2-independent infection of T lymphocytes by SARS-CoV-2. Signal Transduction and Targeted Therapy, 2022, 7, 83.	7.1	88
11	Discovery of Bat Coronaviruses through Surveillance and Probe Capture-Based Next-Generation Sequencing. MSphere, 2020, 5, .	1.3	73
12	Prolonged shedding of severe acute respiratory syndrome coronavirus 2 in patients with COVID-19. Emerging Microbes and Infections, 2020, 9, 2571-2577.	3.0	65
13	Structural basis for replicase polyprotein cleavage and substrate specificity of main protease from SARS-CoV-2. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2117142119.	3.3	64
14	Detection and genome characterization of four novel bat hepadnaviruses and a hepevirus in China. Virology Journal, 2017, 14, 40.	1.4	50
15	Identification of a novel lineage bat SARS-related coronaviruses that use bat ACE2 receptor. Emerging Microbes and Infections, 2021, 10, 1507-1514.	3.0	47
16	Genetic Evidence of Middle East Respiratory Syndrome Coronavirus (MERS-Cov) and Widespread Seroprevalence among Camels in Kenya. Virologica Sinica, 2018, 33, 484-492.	1.2	42
17	Characterization of a New Member of Alphacoronavirus with Unique Genomic Features in Rhinolophus Bats. Viruses, 2019, 11, 379.	1.5	28
18	Low toxicity and high immunogenicity of an inactivated vaccine candidate against COVID-19 in different animal models. Emerging Microbes and Infections, 2020, 9, 2606-2618.	3.0	28

#	Article	IF	Citations
19	Detection and characterization of three zoonotic viruses in wild rodents and shrews from Shenzhen city, China. Virologica Sinica, 2017, 32, 290-297.	1.2	25
20	Countrywide Survey for MERS-Coronavirus Antibodies in Dromedaries and Humans in Pakistan. Virologica Sinica, 2018, 33, 410-417.	1.2	22
21	Serological evidence of MERS-CoV and HKU8-related CoV co-infection in Kenyan camels. Emerging Microbes and Infections, 2019, 8, 1528-1534.	3.0	18
22	Characterization of a Minimal Type of Promoter Containing the â^'10 Element and a Guanine at the â^'14 or â^'13 Position in Mycobacteria. Journal of Bacteriology, 2017, 199, .	1.0	16
23	Serological investigation of asymptomatic cases of SARS-CoV-2 infection reveals weak and declining antibody responses. Emerging Microbes and Infections, 2021, 10, 905-912.	3.0	16
24	Ïƒ^Eâ€dependent activation of RbpA controls transcription of the furAâ€katG operon in response to oxidative stress in mycobacteria. Molecular Microbiology, 2016, 102, 107-120.	1.2	15
25	Novel hepacivirus in Asian house shrew, China. Science China Life Sciences, 2019, 62, 701-704.	2.3	15
26	Characterization of Novel Rhabdoviruses in Chinese Bats. Viruses, 2021, 13, 64.	1.5	14
27	RbpA and Ïƒ^B association regulates polyphosphate levels to modulate mycobacterial isoniazidâ€tolerance. Molecular Microbiology, 2018, 108, 627-640.	1.2	13
28	Antibody-Dependent Enhancement of SARS-CoV-2 Infection of Human Immune Cells: In Vitro Assessment Provides Insight in COVID-19 Pathogenesis. Viruses, 2021, 13, 2483.	1.5	11
29	Prevalence of WÄ“nzhÅu virus in small mammals in Yunnan Province, China. PLoS Neglected Tropical Diseases, 2019, 13, e0007049.	1.3	9
30	Single-Cell Landscape of Lungs Reveals Key Role of Neutrophil-Mediated Immunopathology during Lethal SARS-CoV-2 Infection. Journal of Virology, 2022, 96, e0003822.	1.5	7
31	Association of Ï‰ with the C-Terminal Region of the Î²â€² Subunit Is Essential for Assembly of RNA Polymerase in Mycobacterium tuberculosis. Journal of Bacteriology, 2018, 200, .	1.0	5
32	Genetic Mutation of SARS-CoV-2 during Consecutive Passages in Permissive Cells. Virologica Sinica, 2021, 36, 1073-1076.	1.2	5
33	Genomic Characterization of a Novel Hepatovirus from Great Roundleaf Bats in China. Virologica Sinica, 2018, 33, 108-110.	1.2	4
34	Characteristics of SARS-CoV-2 transmission in a medium-sized city with traditional communities during the early COVID-19 epidemic in China. Virologica Sinica, 2022, 37, 187-197.	1.2	4
35	Genomic Characterization of Diverse Bat Coronavirus HKU10 in Hipposideros Bats. Viruses, 2021, 13, 1962.	1.5	3