

Yan Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

22,791
citations

361413

20
h-index

302126

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. <i>Nature</i> , 2020, 579, 270-273.	27.8	17,004
2	Isolation and characterization of a bat SARS-like coronavirus that uses the ACE2 receptor. <i>Nature</i> , 2013, 503, 535-538.	27.8	1,439
3	Structure of the RNA-dependent RNA polymerase from COVID-19 virus. <i>Science</i> , 2020, 368, 779-782.	12.6	1,228
4	Fatal swine acute diarrhoea syndrome caused by an HKU2-related coronavirus of bat origin. <i>Nature</i> , 2018, 556, 255-258.	27.8	565
5	Pathogenesis of SARS-CoV-2 in Transgenic Mice Expressing Human Angiotensin-Converting Enzyme 2. <i>Cell</i> , 2020, 182, 50-58.e8.	28.9	502
6	Structural basis for the inhibition of SARS-CoV-2 main protease by antineoplastic drug carmofur. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 529-532.	8.2	339
7	Dampened STING-Dependent Interferon Activation in Bats. <i>Cell Host and Microbe</i> , 2018, 23, 297-301.e4.	11.0	206
8	Crystal structure of SARS-CoV-2 main protease in complex with protease inhibitor PF-07321332. <i>Protein and Cell</i> , 2022, 13, 689-693.	11.0	136
9	Characterization of a filovirus (MÄnglÄ virus) from Rousettus bats in China. <i>Nature Microbiology</i> , 2019, 4, 390-395.	13.3	116
10	ACE2-independent infection of T lymphocytes by SARS-CoV-2. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 83.	17.1	88
11	Discovery of Bat Coronaviruses through Surveillance and Probe Capture-Based Next-Generation Sequencing. <i>MSphere</i> , 2020, 5, .	2.9	73
12	Prolonged shedding of severe acute respiratory syndrome coronavirus 2 in patients with COVID-19. <i>Emerging Microbes and Infections</i> , 2020, 9, 2571-2577.	6.5	65
13	Structural basis for replicase polyprotein cleavage and substrate specificity of main protease from SARS-CoV-2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2117142119.	7.1	64
14	Detection and genome characterization of four novel bat hepadnaviruses and a hepevirus in China. <i>Virology Journal</i> , 2017, 14, 40.	3.4	50
15	Identification of a novel lineage bat SARS-related coronaviruses that use bat ACE2 receptor. <i>Emerging Microbes and Infections</i> , 2021, 10, 1507-1514.	6.5	47
16	Genetic Evidence of Middle East Respiratory Syndrome Coronavirus (MERS-Cov) and Widespread Seroprevalence among Camels in Kenya. <i>Virologica Sinica</i> , 2018, 33, 484-492.	3.0	42
17	Characterization of a New Member of Alphacoronavirus with Unique Genomic Features in Rhinolophus Bats. <i>Viruses</i> , 2019, 11, 379.	3.3	28
18	Low toxicity and high immunogenicity of an inactivated vaccine candidate against COVID-19 in different animal models. <i>Emerging Microbes and Infections</i> , 2020, 9, 2606-2618.	6.5	28

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19	Detection and characterization of three zoonotic viruses in wild rodents and shrews from Shenzhen city, China. <i>Virologica Sinica</i> , 2017, 32, 290-297.	3.0	25
20	Countrywide Survey for MERS-Coronavirus Antibodies in Dromedaries and Humans in Pakistan. <i>Virologica Sinica</i> , 2018, 33, 410-417.	3.0	22
21	Serological evidence of MERS-CoV and HKU8-related CoV co-infection in Kenyan camels. <i>Emerging Microbes and Infections</i> , 2019, 8, 1528-1534.	6.5	18
22	Characterization of a Minimal Type of Promoter Containing the σ^{10} Element and a Guanine at the σ^{14} or σ^{13} Position in Mycobacteria. <i>Journal of Bacteriology</i> , 2017, 199, .	2.2	16
23	Serological investigation of asymptomatic cases of SARS-CoV-2 infection reveals weak and declining antibody responses. <i>Emerging Microbes and Infections</i> , 2021, 10, 905-912.	6.5	16
24	σ^{E} -dependent activation of RbpA controls transcription of the <i>furA</i> operon in response to oxidative stress in mycobacteria. <i>Molecular Microbiology</i> , 2016, 102, 107-120.	2.5	15
25	Novel hepacivirus in Asian house shrew, China. <i>Science China Life Sciences</i> , 2019, 62, 701-704.	4.9	15
26	Characterization of Novel Rhabdoviruses in Chinese Bats. <i>Viruses</i> , 2021, 13, 64.	3.3	14
27	RbpA and σ^{B} association regulates polyphosphate levels to modulate mycobacterial isoniazid tolerance. <i>Molecular Microbiology</i> , 2018, 108, 627-640.	2.5	13
28	Antibody-Dependent Enhancement of SARS-CoV-2 Infection of Human Immune Cells: In Vitro Assessment Provides Insight in COVID-19 Pathogenesis. <i>Viruses</i> , 2021, 13, 2483.	3.3	11
29	Prevalence of WNV virus in small mammals in Yunnan Province, China. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007049.	3.0	9
30	Single-Cell Landscape of Lungs Reveals Key Role of Neutrophil-Mediated Immunopathology during Lethal SARS-CoV-2 Infection. <i>Journal of Virology</i> , 2022, 96, e0003822.	3.4	7
31	Association of σ^{70} with the C-Terminal Region of the β Subunit Is Essential for Assembly of RNA Polymerase in <i>Mycobacterium tuberculosis</i> . <i>Journal of Bacteriology</i> , 2018, 200, .	2.2	5
32	Genetic Mutation of SARS-CoV-2 during Consecutive Passages in Permissive Cells. <i>Virologica Sinica</i> , 2021, 36, 1073-1076.	3.0	5
33	Genomic Characterization of a Novel Hepatovirus from Great Roundleaf Bats in China. <i>Virologica Sinica</i> , 2018, 33, 108-110.	3.0	4
34	Characteristics of SARS-CoV-2 transmission in a medium-sized city with traditional communities during the early COVID-19 epidemic in China. <i>Virologica Sinica</i> , 2022, 37, 187-197.	3.0	4
35	Genomic Characterization of Diverse Bat Coronavirus HKU10 in <i>Hipposideros</i> Bats. <i>Viruses</i> , 2021, 13, 1962.	3.3	3