

Qiwei Zhang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3721922/qiwei-zhang-publications-by-year.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63

papers

2,503

citations

20

h-index

49

g-index

79

ext. papers

3,402

ext. citations

7

avg, IF

5.43

L-index

#	Paper	IF	Citations
63	Optimization of loop-mediated isothermal amplification (LAMP) assay for robust visualization in SARS-CoV-2 and emerging variants diagnosis.. <i>Chemical Engineering Science</i> , 2022 , 251, 117430	4.4	1
62	Tracking SARS-CoV-2 Omicron diverse spike gene mutations identifies multiple inter-variant recombination events.. <i>Signal Transduction and Targeted Therapy</i> , 2022 , 7, 138	21	17
61	Construction and Characterization of a Novel Recombinant Attenuated and Replication-Deficient Candidate Human Adenovirus Type 3 Vaccine: "Adenovirus Vaccine Within an Adenovirus Vector". <i>Virologica Sinica</i> , 2021 , 36, 354-364	6.4	3
60	Sericin and sericin-derived peptide alleviate viral pathogenesis in mice though inhibiting lactate production and facilitating antiviral response. <i>Applied Materials Today</i> , 2021 , 25, 101256	6.6	1
59	Development and Application of a Fast Method to Acquire the Accurate Whole-Genome Sequences of Human Adenoviruses. <i>Frontiers in Microbiology</i> , 2021 , 12, 661382	5.7	
58	DENV NS1 and MMP-9 cooperate to induce vascular leakage by altering endothelial cell adhesion and tight junction. <i>PLoS Pathogens</i> , 2021 , 17, e1008603	7.6	6
57	Desmoglein 2 (DSG2) Is A Receptor of Human Adenovirus Type 55 Causing Adult Severe Community-Acquired Pneumonia. <i>Virologica Sinica</i> , 2021 , 1	6.4	0
56	V367F Mutation in SARS-CoV-2 Spike RBD Emerging during the Early Transmission Phase Enhances Viral Infectivity through Increased Human ACE2 Receptor Binding Affinity. <i>Journal of Virology</i> , 2021 , 95, e0061721	6.6	44
55	Genomic Elucidation of a COVID-19 Resurgence and Local Transmission of SARS-CoV-2 in Guangzhou, China. <i>Journal of Clinical Microbiology</i> , 2021 , 59, e0007921	9.7	2
54	Sox4 represses host innate immunity to facilitate pathogen infection by hijacking the TLR signaling networks. <i>Virulence</i> , 2021 , 12, 704-722	4.7	4
53	Temperature dependence of the SARS-CoV-2 affinity to human ACE2 determines COVID-19 progression and clinical outcome. <i>Computational and Structural Biotechnology Journal</i> , 2021 , 19, 161-167	6.8	16
52	SARS-CoV-2 N protein promotes NLRP3 inflammasome activation to induce hyperinflammation. <i>Nature Communications</i> , 2021 , 12, 4664	17.4	73
51	HIF-1 α promotes SARS-CoV-2 infection and aggravates inflammatory responses to COVID-19. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 308	21	19
50	Mechanism of Cross-Resistance to Fusion Inhibitors Conferred by the K394R Mutation in Respiratory Syncytial Virus Fusion Protein. <i>Journal of Virology</i> , 2021 , 95, e0120521	6.6	2
49	High-Throughput Screening and Identification of Human Adenovirus Type 5 Inhibitors.. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 767578	5.9	
48	Characterization of Influenza A and B Viruses Circulating in Southern China During the 2017-2018 Season. <i>Frontiers in Microbiology</i> , 2020 , 11, 1079	5.7	5
47	MicroRNA expression profiling of peripheral blood mononuclear cells associated with syphilis. <i>BMC Infectious Diseases</i> , 2020 , 20, 165	4	3

46	Composition and divergence of coronavirus spike proteins and host ACE2 receptors predict potential intermediate hosts of SARS-CoV-2. <i>Journal of Medical Virology</i> , 2020 , 92, 595-601	19.7	412
45	MicroRNA-101-3p Downregulates TLR2 Expression, Leading to Reduction in Cytokine Production by <i>Treponema pallidum</i> -Stimulated Macrophages. <i>Journal of Investigative Dermatology</i> , 2020 , 140, 1566-1575.e1	4.3	9
44	Coronavirus infections and immune responses. <i>Journal of Medical Virology</i> , 2020 , 92, 424-432	19.7	987
43	COVID-19: Antiviral Agents, Antibody Development and Traditional Chinese Medicine. <i>Virologica Sinica</i> , 2020 , 35, 685-698	6.4	6
42	COVID-19: Coronavirus Vaccine Development Updates. <i>Frontiers in Immunology</i> , 2020 , 11, 602256	8.4	79
41	Household Transmission of Human Adenovirus Type 55 in Case of Fatal Acute Respiratory Disease. <i>Emerging Infectious Diseases</i> , 2019 , 25, 1756-1758	10.2	7
40	A Survey of Recent Adenoviral Respiratory Pathogens in Hong Kong Reveals Emergent and Recombinant Human Adenovirus Type 4 (HAdV-E4) Circulating in Civilian Populations. <i>Viruses</i> , 2019 , 11,	6.2	20
39	<i>Bacteroides fragilis</i> Strain ZY-312 Defense against <i>Cronobacter sakazakii</i> -Induced Necrotizing Enterocolitis and in a Neonatal Rat Model. <i>MSystems</i> , 2019 , 4,	7.6	26
38	Research advancements in the neurological presentation of flaviviruses. <i>Reviews in Medical Virology</i> , 2019 , 29, e2021	11.7	3
37	Genomic analysis of a large set of currently-and historically-important human adenovirus pathogens. <i>Emerging Microbes and Infections</i> , 2018 , 7, 10	18.9	27
36	Screening for host proteins interacting with <i>Escherichia coli</i> O157:H7 EspF using bimolecular fluorescence complementation. <i>Future Microbiology</i> , 2018 , 13, 37-58	2.9	5
35	Comparative Genomic Analysis of Re-emergent Human Adenovirus Type 55 Pathogens Associated With Adult Severe Community-Acquired Pneumonia Reveals Conserved Genomes and Capsid Proteins. <i>Frontiers in Microbiology</i> , 2018 , 9, 1180	5.7	12
34	Evaluation and Comparison of Newly Built Linear B-Cell Epitope Prediction Software from a Users' Perspective. <i>Current Bioinformatics</i> , 2018 , 13, 149-156	4.7	3
33	Rapid Construction of a Replication-Competent Infectious Clone of Human Adenovirus Type 14 by Gibson Assembly. <i>Viruses</i> , 2018 , 10,	6.2	8
32	Preliminary investigation of the role of BTB domain-containing 3 gene in the proliferation and metastasis of hepatocellular carcinoma. <i>Oncology Letters</i> , 2017 , 14, 2505-2510	2.6	2
31	Immunohistochemical Characterization and Sensitivity to Human Adenovirus Serotypes 3, 5, and 11p of New Cell Lines Derived from Human Diffuse Grade II to IV Gliomas. <i>Translational Oncology</i> , 2017 , 10, 772-779	4.9	4
30	Comparative genomic analysis of two emergent human adenovirus type 14 respiratory pathogen isolates in China reveals similar yet divergent genomes. <i>Emerging Microbes and Infections</i> , 2017 , 6, e92	18.9	15
29	Effective Suckling C57BL/6, Kunming, and BALB/c Mouse Models with Remarkable Neurological Manifestation for Zika Virus Infection. <i>Viruses</i> , 2017 , 9,	6.2	21

28	The EspF N-Terminal of Enterohemorrhagic O157:H7 EDL933w Imparts Stronger Toxicity Effects on HT-29 Cells than the C-Terminal. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 410	5.9	9
27	Pitfalls of restriction enzyme analysis in identifying, characterizing, typing, and naming viral pathogens in the era of whole genome data, as illustrated by HAdV type 55. <i>Virologica Sinica</i> , 2016 , 31, 448-453	6.4	7
26	Fatal Community-acquired Pneumonia in Children Caused by Re-emergent Human Adenovirus 7d Associated with Higher Severity of Illness and Fatality Rate. <i>Scientific Reports</i> , 2016 , 6, 37216	4.9	34
25	Molecular Identification and Epidemiological Features of Human Adenoviruses Associated with Acute Respiratory Infections in Hospitalized Children in Southern China, 2012-2013. <i>PLoS ONE</i> , 2016 , 11, e0155412	3.7	32
24	Genome Sequence of a Cynomolgus Macaque Adenovirus (CynAdV-1) Isolate from a Primate Colony in the United Kingdom. <i>Genome Announcements</i> , 2016 , 4,		2
23	Novel Mutations L228I and Y232H Cause Nonnucleoside Reverse Transcriptase Inhibitor Resistance in Combinational Pattern. <i>AIDS Research and Human Retroviruses</i> , 2016 , 32, 909-17	1.6	3
22	Computational approach for predicting the conserved B-cell epitopes of hemagglutinin H7 subtype influenza virus. <i>Experimental and Therapeutic Medicine</i> , 2016 , 12, 2439-2446	2.1	11
21	In vitro selection of HIV-1 CRF08_BC variants resistant to reverse transcriptase inhibitors. <i>AIDS Research and Human Retroviruses</i> , 2015 , 31, 260-70	1.6	4
20	A novel mutation, D404N, in the connection subdomain of reverse transcriptase of HIV-1 CRF08_BC subtype confers cross-resistance to NNRTIs. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 1381-90	5.1	4
19	Re-emergent human adenovirus genome type 7d caused an acute respiratory disease outbreak in Southern China after a twenty-one year absence. <i>Scientific Reports</i> , 2014 , 4, 7365	4.9	53
18	Identification and typing of respiratory adenoviruses in Guangzhou, Southern China using a rapid and simple method. <i>Virologica Sinica</i> , 2013 , 28, 103-8	6.4	26
17	The N-terminal domain of EspF induces host cell apoptosis after infection with enterohaemorrhagic Escherichia coli O157:H7. <i>PLoS ONE</i> , 2013 , 8, e55164	3.7	12
16	Genome sequence of human adenovirus type 55, a re-emergent acute respiratory disease pathogen in China. <i>Journal of Virology</i> , 2012 , 86, 12441-2	6.6	40
15	Genome sequence of the first human adenovirus type 14 isolated in China. <i>Journal of Virology</i> , 2012 , 86, 7019-20	6.6	25
14	Parental LTRs are important in a construct of a stable and efficient replication-competent infectious molecular clone of HIV-1 CRF08_BC. <i>PLoS ONE</i> , 2012 , 7, e31233	3.7	8
13	Complete genome analysis of a novel E3-partial-deleted human adenovirus type 7 strain isolated in Southern China. <i>Virology Journal</i> , 2011 , 8, 91	6.1	4
12	Using the whole-genome sequence to characterize and name human adenoviruses. <i>Journal of Virology</i> , 2011 , 85, 5701-2	6.6	123
11	Applying genomic and bioinformatic resources to human adenovirus genomes for use in vaccine development and for applications in vector development for gene delivery. <i>Viruses</i> , 2010 , 2, 1-26	6.2	15

10	Wild type and mutant 2009 pandemic influenza A (H1N1) viruses cause more severe disease and higher mortality in pregnant BALB/c mice. <i>PLoS ONE</i> , 2010 , 5, e13757	3.7	61
9	A recombinant replication-defective human adenovirus type 3: a vaccine candidate. <i>Vaccine</i> , 2009 , 27, 116-22	4.1	6
8	Construction and characterization of a replication-competent human adenovirus type 3-based vector as a live-vaccine candidate and a viral delivery vector. <i>Vaccine</i> , 2009 , 27, 1145-53	4.1	38
7	Inhibition of G1P3 expression found in the differential display study on respiratory syncytial virus infection. <i>Virology Journal</i> , 2008 , 5, 114	6.1	22
6	Comparative genomic analysis of two strains of human adenovirus type 3 isolated from children with acute respiratory infection in southern China. <i>Journal of General Virology</i> , 2006 , 87, 1531-1541	4.9	34
5	Prokaryotic expression and polyclonal antibody preparation of novel ZLG10 protein involved in infection of RSV on SPC-A1 cells. <i>Protein Expression and Purification</i> , 2005 , 41, 170-6	2	4
4	SARS-CoV-2 N promotes the NLRP3 inflammasome activation to induce hyperinflammation		2
3	V367F mutation in SARS-CoV-2 spike RBD emerging during the early transmission phase enhances viral infectivity through increased human ACE2 receptor binding affinity		66
2	Molecular Typing of Human Respiratory Adenoviruses with Universal PCR and Sequencing Primers for Three Major Capsid Genes: Penton base, Hexon, and Fiber		5
1	<i>Bacteroides fragilis</i> defense against <i>Cronobacter sakazakii</i> -induced pathogenicity by regulating the intestinal epithelial barrier function and attenuating both apoptotic and pyroptotic cell death		1