

Xin Yin

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

4,110
citations

361413

20
h-index

214800

47
g-index

60
all docs

60
docs citations

60
times ranked

7530
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 Infection Depends on Cellular Heparan Sulfate and ACE2. <i>Cell</i> , 2020, 183, 1043-1057.e15.	28.9	860
2	Discovery of SARS-CoV-2 antiviral drugs through large-scale compound repurposing. <i>Nature</i> , 2020, 586, 113-119.	27.8	672
3	SARS-CoV-2 Orf6 hijacks Nup98 to block STAT nuclear import and antagonize interferon signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28344-28354.	7.1	421
4	MDA5 Governs the Innate Immune Response to SARS-CoV-2 in Lung Epithelial Cells. <i>Cell Reports</i> , 2021, 34, 108628.	6.4	287
5	H7N9 virulent mutants detected in chickens in China pose an increased threat to humans. <i>Cell Research</i> , 2017, 27, 1409-1421.	12.0	209
6	Rapid Evolution of H7N9 Highly Pathogenic Viruses that Emerged in China in 2017. <i>Cell Host and Microbe</i> , 2018, 24, 558-568.e7.	11.0	200
7	Distinct Entry Mechanisms for Nonenveloped and Quasi-Enveloped Hepatitis E Viruses. <i>Journal of Virology</i> , 2016, 90, 4232-4242.	3.4	183
8	Clofazimine broadly inhibits coronaviruses including SARS-CoV-2. <i>Nature</i> , 2021, 593, 418-423.	27.8	151
9	Functional landscape of SARS-CoV-2 cellular restriction. <i>Molecular Cell</i> , 2021, 81, 2656-2668.e8.	9.7	137
10	Origin, antigenicity, and function of a secreted form of ORF2 in hepatitis E virus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4773-4778.	7.1	125
11	Hepatitis E virus persists in the presence of a type III interferon response. <i>PLoS Pathogens</i> , 2017, 13, e1006417.	4.7	72
12	Role of Envelopment in the HEV Life Cycle. <i>Viruses</i> , 2016, 8, 229.	3.3	60
13	Genetic and biological properties of H7N9 avian influenza viruses detected after application of the H7N9 poultry vaccine in China. <i>PLoS Pathogens</i> , 2021, 17, e1009561.	4.7	58
14	Sensor Sensibility of HIV-1 and the Innate Immune Response. <i>Cells</i> , 2020, 9, 254.	4.1	52
15	Equine Tetherin Blocks Retrovirus Release and Its Activity Is Antagonized by Equine Infectious Anemia Virus Envelope Protein. <i>Journal of Virology</i> , 2014, 88, 1259-1270.	3.4	40
16	Amino Acid Mutations A286V and T437M in the Nucleoprotein Attenuate H7N9 Viruses in Mice. <i>Journal of Virology</i> , 2020, 94, .	3.4	33
17	H3N2 avian influenza viruses detected in live poultry markets in China bind to human-type receptors and transmit in guinea pigs and ferrets. <i>Emerging Microbes and Infections</i> , 2019, 8, 1280-1290.	6.5	32
18	Hepatitis E Virus Entry. <i>Viruses</i> , 2019, 11, 883.	3.3	32

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19	mRNA Vaccine Development for Emerging Animal and Zoonotic Diseases. <i>Viruses</i> , 2022, 14, 401.	3.3	30
20	Molecular characterization and phylogenetic analysis of transmissible gastroenteritis virus HX strain isolated from China. <i>BMC Veterinary Research</i> , 2015, 11, 72.	1.9	29
21	Genome-scale metabolic modeling reveals SARS-CoV-2-induced metabolic changes and antiviral targets. <i>Molecular Systems Biology</i> , 2021, 17, e10260.	7.2	26
22	A genome-wide CRISPR/Cas9 gene knockout screen identifies immunoglobulin superfamily DCC subclass member 4 as a key host factor that promotes influenza virus endocytosis. <i>PLoS Pathogens</i> , 2021, 17, e1010141.	4.7	23
23	Immunocompromised rabbit model of chronic HEV reveals liver fibrosis and distinct efficacy of different vaccination strategies. <i>Hepatology</i> , 2022, 76, 788-802.	7.3	21
24	Serological report of pandemic and seasonal human influenza virus infection in dogs in southern China. <i>Archives of Virology</i> , 2014, 159, 2877-2882.	2.1	17
25	Serological report of pandemic (H1N1) 2009 infection among cats in Northeastern China in 2012-02 and 2013-03. <i>Virology Journal</i> , 2014, 11, 49.	3.4	17
26	Resolution of hepatitis E virus infection in CD8+ T cell-depleted rhesus macaques. <i>Journal of Hepatology</i> , 2021, 75, 557-564.	3.7	17
27	Insights from avian influenza surveillance of chickens and ducks before and after exposure to live poultry markets. <i>Science China Life Sciences</i> , 2019, 62, 854-857.	4.9	16
28	A live attenuated vaccine prevents replication and transmission of H7N9 highly pathogenic influenza viruses in mammals. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-10.	6.5	13
29	Comprehensive analysis of the overall codon usage patterns in equine infectious anemia virus. <i>Virology Journal</i> , 2013, 10, 356.	3.4	9
30	Identification of equine influenza virus infection in Asian wild horses (<i>Equus przewalskii</i>). <i>Archives of Virology</i> , 2014, 159, 1159-1162.	2.1	9
31	The Viral ORF3 Protein Is Required for Hepatitis E Virus Apical Release and Efficient Growth in Polarized Hepatocytes and Humanized Mice. <i>Journal of Virology</i> , 2021, 95, e0058521.	3.4	9
32	Equine lentivirus counteracts SAMHD1 restriction by Rev-mediated degradation of SAMHD1 via the BECN1-dependent lysosomal pathway. <i>Autophagy</i> , 2021, 17, 2800-2817.	9.1	8
33	Complete Genomic Sequences of an H3N8 Equine Influenza Virus Strain Isolated in China. <i>Genome Announcements</i> , 2013, 1, .	0.8	7
34	Antibodies against avian-like A (H1N1) swine influenza virus among swine farm residents in eastern China. <i>Journal of Medical Virology</i> , 2014, 86, 592-596.	5.0	7
35	Synthetic lethality-based prediction of anti-SARS-CoV-2 targets. <i>IScience</i> , 2022, 25, 104311.	4.1	7
36	An Optimized High-Throughput Neutralization Assay for Hepatitis E Virus (HEV) Involving Detection of Secreted Porf2. <i>Viruses</i> , 2019, 11, 64.	3.3	6

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37	Development of a One-Step Multiplex Real-Time PCR Assay for the Detection of Viral Pathogens Associated With the Bovine Respiratory Disease Complex. <i>Frontiers in Veterinary Science</i> , 2022, 9, 825257.	2.2	6
38	The E3 Ubiquitin-Protein Ligase Cullin 3 Regulates HIV-1 Transcription. <i>Cells</i> , 2020, 9, 2010.	4.1	5
39	Canine Interferon-Inducible Transmembrane Protein Is a Host Restriction Factor That Potently Inhibits Replication of Emerging Canine Influenza Virus. <i>Frontiers in Immunology</i> , 2021, 12, 710705.	4.8	5
40	Enhanced trimeric ACE2 exhibits potent prophylactic and therapeutic efficacy against the SARS-CoV-2 Delta and Omicron variants in vivo. <i>Cell Research</i> , 2022, 32, 589-592.	12.0	5
41	Cellular Organelles Involved in Hepatitis E Virus Infection. <i>Pathogens</i> , 2021, 10, 1206.	2.8	3
42	Integrated Metabolomics and Transcriptome Revealed the Effect of Fermented <i>Lycium barbarum</i> Residue Promoting <i>Ovis aries</i> Immunity. <i>Frontiers in Immunology</i> , 2022, 13, 889436.	4.8	3
43	Sec61 Inhibitor Apratoxin S4 Potently Inhibits SARS-CoV-2 and Exhibits Broad-Spectrum Antiviral Activity. <i>ACS Infectious Diseases</i> , 2022, 8, 1265-1279.	3.8	3
44	Antiviral potency and functional analysis of tetherin orthologues encoded by horse and donkey. <i>Virology Journal</i> , 2014, 11, 151.	3.4	2
45	PS-154-Dissecting the different roles of ORF3 in HEV spread and fecal shedding in a humanized mouse model. <i>Journal of Hepatology</i> , 2019, 70, e97.	3.7	1
46	Regulation of Rev expression by the equine infectious anaemia virus tat-rev mRNA Kozak sequence and its potential influence on viral replication. <i>Journal of General Virology</i> , 2016, 97, 2421-2426.	2.9	1
47	Response to the Letter to the Editor concerning “Lumpy skin disease outbreaks in China, since 3 August 2019” by Lu et al. (<i>Transbound Emerg Dis</i> ; 2021: https://doi.org/10.1111/tbed.13898). <i>Transboundary and Emerging Diseases</i> , 2022, , .	3.0	1
48	Identification and Genetic Characterization of Bovine Hepacivirus in China: A Large Scale Epidemiological Study. <i>Virologica Sinica</i> , 2022, , .	3.0	1
49	Hepatitis B virus detected in a golden monkey fatal case, China. <i>Infection, Genetics and Evolution</i> , 2021, 94, 105032.	2.3	0
50	Abstract 3583: Identifying and testing cancer-derived synthetic-lethal anti-SARS-CoV-2 targets. <i>Cancer Research</i> , 2022, 82, 3583-3583.	0.9	0