Yanbing Li

List of Publications by Year
in descending order

61	4,289	186209 28	123376 61
papers	citations	h-index	g-index

61	61	61	2757
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecular Basis of Replication of Duck H5N1 Influenza Viruses in a Mammalian Mouse Model. Journal of Virology, 2005, 79, 12058-12064.	1.5	539
2	A Single-Amino-Acid Substitution in the NS1 Protein Changes the Pathogenicity of H5N1 Avian Influenza Viruses in Mice. Journal of Virology, 2008, 82, 1146-1154.	1.5	393
3	Identification of Amino Acids in HA and PB2 Critical for the Transmission of H5N1 Avian Influenza Viruses in a Mammalian Host. PLoS Pathogens, 2009, 5, e1000709.	2.1	351
4	Properties and Dissemination of H5N1 Viruses Isolated during an Influenza Outbreak in Migratory Waterfowl in Western China. Journal of Virology, 2006, 80, 5976-5983.	1.5	320
5	Newcastle Disease Virus-Based Live Attenuated Vaccine Completely Protects Chickens and Mice from Lethal Challenge of Homologous and Heterologous H5N1 Avian Influenza Viruses. Journal of Virology, 2007, 81, 150-158.	1.5	248
6	Genetics, Receptor Binding Property, and Transmissibility in Mammals of Naturally Isolated H9N2 Avian Influenza Viruses. PLoS Pathogens, 2014, 10, e1004508.	2.1	241
7	H7N9 virulent mutants detected in chickens in China pose an increased threat to humans. Cell Research, 2017, 27, 1409-1421.	5.7	209
8	Protective efficacy in chickens, geese and ducks of an H5N1-inactivated vaccine developed by reverse genetics. Virology, 2005, 341, 153-162.	1.1	208
9	Rapid Evolution of H7N9 Highly Pathogenic Viruses that Emerged in China in 2017. Cell Host and Microbe, 2018, 24, 558-568.e7.	5.1	200
10	Continued Evolution of H5N1 Influenza Viruses in Wild Birds, Domestic Poultry, and Humans in China from 2004 to 2009. Journal of Virology, 2010, 84, 8389-8397.	1.5	174
11	The PA Protein Directly Contributes to the Virulence of H5N1 Avian Influenza Viruses in Domestic Ducks. Journal of Virology, 2011, 85, 2180-2188.	1.5	106
12	Enhanced protective efficacy of H5 subtype avian influenza DNA vaccine with codon optimized HA gene in a pCAGGS plasmid vector. Antiviral Research, 2007, 75, 234-241.	1.9	86
13	Fatal H5N6 Avian Influenza Virus Infection in a Domestic Cat and Wild Birds in China. Scientific Reports, 2015, 5, 10704.	1.6	61
14	New Avian Influenza Virus (H5N1) in Wild Birds, Qinghai, China. Emerging Infectious Diseases, 2011, 17, 265-267.	2.0	59
15	Genetic and biological properties of H7N9 avian influenza viruses detected after application of the H7N9 poultry vaccine in China. PLoS Pathogens, 2021, 17, e1009561.	2.1	58
16	Immunogenicity and Protective Efficacy of a Live Attenuated H5N1 Vaccine in Nonhuman Primates. PLoS Pathogens, 2009, 5, e1000409.	2.1	55
17	Glycosylation of the Hemagglutinin Protein of H5N1 Influenza Virus Increases Its Virulence in Mice by Exacerbating the Host Immune Response. Journal of Virology, 2017, 91, .	1.5	55
18	Synergistic Effect of S224P and N383D Substitutions in the PA of H5N1 Avian Influenza Virus Contributes to Mammalian Adaptation. Scientific Reports, 2015, 5, 10510.	1.6	53

#	Article	IF	Citations
19	Genetic and biological characteristics of the globally circulating H5N8 avian influenza viruses and the protective efficacy offered by the poultry vaccine currently used in China. Science China Life Sciences, 2022, 65, 795-808.	2.3	52
20	Evolution and extensive reassortment of H5 influenza viruses isolated from wild birds in China over the past decade. Emerging Microbes and Infections, 2020, 9, 1793-1803.	3.0	47
21	H7N9 virus infection triggers lethal cytokine storm by activating gasdermin E-mediated pyroptosis of lung alveolar epithelial cells. National Science Review, 2022, 9, nwab137.	4.6	45
22	Genetics, Receptor Binding, Replication, and Mammalian Transmission of H4 Avian Influenza Viruses Isolated from Live Poultry Markets in China. Journal of Virology, 2016, 90, 1455-1469.	1.5	43
23	A Novel Intronic Circular RNA Antagonizes Influenza Virus by Absorbing a microRNA That Degrades CREBBP and Accelerating IFN-Î² Production. MBio, 2021, 12, e0101721.	1.8	40
24	Outbreaks of Highly Pathogenic Avian Influenza (H5N6) Virus Subclade 2.3.4.4h in Swans, Xinjiang, Western China, 2020. Emerging Infectious Diseases, 2020, 26, 2956-2960.	2.0	39
25	Protective Efficacy of the H5 Inactivated Vaccine Against Different Highly Pathogenic H5N1 Avian Influenza Viruses Isolated in China and Vietnam. Avian Diseases, 2010, 54, 287-289.	0.4	37
26	Vaccines Developed for H5 Highly Pathogenic Avian Influenza in China. Annals of the New York Academy of Sciences, 2006, 1081, 182-192.	1.8	33
27	Dogs are highly susceptible to H5N1 avian influenza virus. Virology, 2010, 405, 15-19.	1.1	33
28	Pathogenicity of Chinese H5N1 highly pathogenic avian influenza viruses in pigeons. Archives of Virology, 2008, 153, 1821-1826.	0.9	32
29	Human antibody 3E1 targets the HA stem region of H1N1 and H5N6 influenza A viruses. Nature Communications, 2016, 7, 13577.	5.8	31
30	Protective Efficacy of an H5N1 Inactivated Vaccine Against Challenge with Lethal H5N1, H5N2, H5N6, and H5N8 Influenza Viruses in Chickens. Avian Diseases, 2016, 60, 253-255.	0.4	28
31	Characterization of An Avian Influenza Virus of Subtype H7N2 Isolated from Chickens in Northern China. Virus Genes, 2006, 33, 117-122.	0.7	26
32	MicroRNAs in the immune organs of chickens and ducks indicate divergence of immunity against H5N1 avian influenza. FEBS Letters, 2015, 589, 419-425.	1.3	26
33	Characterization of Clade 7.2 H5 Avian Influenza Viruses That Continue To Circulate in Chickens in China. Journal of Virology, 2016, 90, 9797-9805.	1.5	26
34	Development of a reverse transcription loop-mediated isothermal amplification method for the rapid detection of avian influenza virus subtype H7. Journal of Virological Methods, 2012, 179, 33-37.	1.0	24
35	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. PLoS Pathogens, 2021, 17, e1010141.	2.1	23
36	Phylogenetic and Pathogenic Analyses of Avian Influenza A H5N1 Viruses Isolated from Poultry in Vietnam. PLoS ONE, 2012, 7, e50959.	1.1	22

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37	Glycosylation and an amino acid insertion in the head of hemagglutinin independently affect the antigenic properties of H5N1 avian influenza viruses. Science China Life Sciences, 2019, 62, 76-83.	2.3	20
38	Proteomic analysis of the lungs of mice infected with different pathotypes of <scp>H</scp>5<scp>N</scp>1 avian influenza viruses. Proteomics, 2012, 12, 1970-1982.	1.3	19
39	Strategies for improving the efficacy of a H6 subtype avian influenza DNA vaccine in chickens. Journal of Virological Methods, 2011, 173, 220-226.	1.0	18
40	Pathogenesis and Phylogenetic Analyses of Two Avian Influenza H7N1 Viruses Isolated from Wild Birds. Frontiers in Microbiology, 2016, 7, 1066.	1.5	16
41	Highly Pathogenic Avian Influenza A(H5N8) Virus in Swans, China, 2020. Emerging Infectious Diseases, 2021, 27, 1732-1734.	2.0	16
42	Emergence, prevalence, and evolution of H5N8 avian influenza viruses in central China, 2020. Emerging Microbes and Infections, 2022, 11, 73-82.	3.0	15
43	Protective Efficacy of an H5N1 DNA Vaccine Against Challenge with a Lethal H5N1 Virus in Quail. Avian Diseases, 2012, 56, 937-939.	0.4	14
44	Serological and virologic surveillance of swine influenza in China from 2000 to 2003. International Congress Series, 2004, 1263, 754-757.	0.2	12
45	Simultaneous detection of novel H7N9 and other influenza A viruses in poultry by multiplex real-time RT-PCR. Virology Journal, 2015, 12, 69.	1.4	12
46	Protective Efficacy of the Inactivated H5N1 Influenza Vaccine Re-6 Against Different Clades of H5N1 Viruses Isolated in China and the Democratic People's Republic of Korea. Avian Diseases, 2016, 60, 238-240.	0.4	11
47	SUMOylation of Matrix Protein M1 and Filamentous Morphology Collectively Contribute to the Replication and Virulence of Highly Pathogenic H5N1 Avian Influenza Viruses in Mammals. Journal of Virology, 2022, 96, JVI0163021.	1.5	11
48	A protein chip designed to differentiate visually antibodies in chickens which were infected by four different viruses. Journal of Virological Methods, 2010, 167, 119-124.	1.0	10
49	Phylogenetic analysis of a novel H6N6 avian influenza virus isolated from a green peafowl in China and its pathogenic potential in mice. Infection, Genetics and Evolution, 2014, 28, 107-112.	1.0	10
50	Novel H5N6 avian influenza virus reassortants with European H5N8 isolated in migratory birds, China. Transboundary and Emerging Diseases, 2020, 67, 648-660.	1.3	10
51	Characteristics of the first H16N3 subtype influenza A viruses isolated in western China. Transboundary and Emerging Diseases, 2020, 67, 1677-1687.	1.3	10
52	Phylogenetic and pathogenic analyses of three H5N1 avian influenza viruses (clade 2.3.2.1) isolated from wild birds in Northeast China. Infection, Genetics and Evolution, 2015, 29, 138-145.	1.0	9
53	Genetic characteristics and pathogenicity of novel reassortant H6 viruses isolated from wild birds in China. Veterinary Microbiology, 2021, 254, 108978.	0.8	9
54	Emergence, Evolution, and Biological Characteristics of H10N4 and H10N8 Avian Influenza Viruses in Migratory Wild Birds Detected in Eastern China in 2020. Microbiology Spectrum, 2022, 10, e0080722.	1.2	9

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55	H5N1 influenza marker vaccine for serological differentiation between vaccinated and infected chickens. Biochemical and Biophysical Research Communications, 2008, 372, 293-297.	1.0	8
56	Detection and Differentiation of Four Poultry Diseases Using Asymmetric Reverse Transcription Polymerase Chain Reaction in Combination with Oligonucleotide Microarrays. Journal of Veterinary Diagnostic Investigation, 2009, 21, 623-632.	0.5	8
57	Protective efficacy in farmed ducks of a duck enteritis virus-vectored vaccine against H5N1, H5N6, and H5N8 avian influenza viruses. Vaccine, 2019, 37, 5925-5929.	1.7	6
58	H5 low pathogenic avian influenza viruses maintained in wild birds in China. Veterinary Microbiology, 2021, 263, 109268.	0.8	5
59	Highly Pathogenic Avian Influenza A(H5Nx) Virus of Clade 2.3.4.4b Emerging in Tibet, China, 2021. Microbiology Spectrum, 2022, 10, e0064322.	1.2	5
60	Antigenic and genetic analysis of the H9N2 avian influenza viruses isolated in China. International Congress Series, 2004, 1263, 762-765.	0.2	2
61	The Variation of Duck RIG-I-Mediated Innate Immune Response Induced by Different Virulence Avian Influenza Viruses. Frontiers in Microbiology, 2022, 13, 842721.	1.5	1