

Xiufan Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2216566/publications.pdf>

Version: 2024-02-01

229
papers

4,605
citations

136740

32
h-index

155451

55
g-index

232
all docs

232
docs citations

232
times ranked

4821
citing authors

#	ARTICLE	IF	CITATIONS
1	Epidemiology, Evolution, and Pathogenesis of H7N9 Influenza Viruses in Five Epidemic Waves since 2013 in China. <i>Trends in Microbiology</i> , 2017, 25, 713-728.	3.5	199
2	Characterization of three H5N5 and one H5N8 highly pathogenic avian influenza viruses in China. <i>Veterinary Microbiology</i> , 2013, 163, 351-357.	0.8	183
3	Current situation of H9N2 subtype avian influenza in China. <i>Veterinary Research</i> , 2017, 48, 49.	1.1	142
4	Plasmid-Mediated Quinolone Resistance Genes and Antibiotic Residues in Wastewater and Soil Adjacent to Swine Feedlots: Potential Transfer to Agricultural Lands. <i>Environmental Health Perspectives</i> , 2012, 120, 1144-1149.	2.8	119
5	Occurrence of Chloramphenicol-Resistance Genes as Environmental Pollutants from Swine Feedlots. <i>Environmental Science & Technology</i> , 2013, 47, 2892-2897.	4.6	108
6	A Novel Genotype H9N2 Influenza Virus Possessing Human H5N1 Internal Genomes Has Been Circulating in Poultry in Eastern China since 1998. <i>Journal of Virology</i> , 2009, 83, 8428-8438.	1.5	101
7	Comparison of virulence factors and expression of specific genes between uropathogenic <i>Escherichia coli</i> and avian pathogenic <i>E. coli</i> in a murine urinary tract infection model and a chicken challenge model. <i>Microbiology (United Kingdom)</i> , 2009, 155, 1634-1644.	0.7	96
8	Characterization of H9N2 influenza viruses isolated from vaccinated flocks in an integrated broiler chicken operation in eastern China during a 5 year period (1998-2002). <i>Journal of General Virology</i> , 2008, 89, 3102-3112.	1.3	94
9	Dominant subtype switch in avian influenza viruses during 2016-2019 in China. <i>Nature Communications</i> , 2020, 11, 5909.	5.8	93
10	New Threats from H7N9 Influenza Virus: Spread and Evolution of High- and Low-Pathogenicity Variants with High Genomic Diversity in Wave Five. <i>Journal of Virology</i> , 2018, 92, .	1.5	92
11	Catalytic inactivation of influenza virus by iron oxide nanozyme. <i>Theranostics</i> , 2019, 9, 6920-6935.	4.6	90
12	PA-X Decreases the Pathogenicity of Highly Pathogenic H5N1 Influenza A Virus in Avian Species by Inhibiting Virus Replication and Host Response. <i>Journal of Virology</i> , 2015, 89, 4126-4142.	1.5	88
13	Enzootic genotype S of H9N2 avian influenza viruses donates internal genes to emerging zoonotic influenza viruses in China. <i>Veterinary Microbiology</i> , 2014, 174, 309-315.	0.8	83
14	Impaired Gas Bladder Inflation in Zebrafish Exposed to a Novel Heterocyclic Brominated Flame Retardant Tris(2,3-dibromopropyl) Isocyanurate. <i>Environmental Science & Technology</i> , 2011, 45, 9750-9757.	4.6	75
15	The contribution of PA-X to the virulence of pandemic 2009 H1N1 and highly pathogenic H5N1 avian influenza viruses. <i>Scientific Reports</i> , 2015, 5, 8262.	1.6	69
16	Characterization of clade 2.3.4.4 highly pathogenic H5 avian influenza viruses in ducks and chickens. <i>Veterinary Microbiology</i> , 2016, 182, 116-122.	0.8	69
17	Highly Pathogenic Avian Influenza H5N6 Viruses Exhibit Enhanced Affinity for Human Type Sialic Acid Receptor and In-Contact Transmission in Model Ferrets. <i>Journal of Virology</i> , 2016, 90, 6235-6243.	1.5	64
18	Characterization of duck H5N1 influenza viruses with differing pathogenicity in mallard (<i>Anas</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.8	59

#	ARTICLE	IF	CITATIONS
19	Novel Variants of Clade 2.3.4 Highly Pathogenic Avian Influenza A(H5N1) Viruses, China. <i>Emerging Infectious Diseases</i> , 2013, 19, 2021-2024.	2.0	57
20	On the rejection of internal and external disturbances in a wind energy conversion system with direct-driven PMSG. <i>ISA Transactions</i> , 2016, 61, 95-103.	3.1	57
21	The PA-Gene-Mediated Lethal Dissemination and Excessive Innate Immune Response Contribute to the High Virulence of H5N1 Avian Influenza Virus in Mice. <i>Journal of Virology</i> , 2013, 87, 2660-2672.	1.5	54
22	Twenty amino acids at the C-terminus of PA-X are associated with increased influenza A virus replication and pathogenicity. <i>Journal of General Virology</i> , 2015, 96, 2036-2049.	1.3	54
23	Surveillance for avirulent Newcastle disease viruses in domestic ducks (<i>Anas platyrhynchos</i> and <i>Cairina moschata</i>) at live bird markets in Eastern China and characterization of the viruses isolated. <i>Avian Pathology</i> , 2009, 38, 377-391.	0.8	52
24	Newcastle disease virus degrades SIRT3 via PINK1-PRKN-dependent mitophagy to reprogram energy metabolism in infected cells. <i>Autophagy</i> , 2022, 18, 1503-1521.	4.3	52
25	The PA and HA Gene-Mediated High Viral Load and Intense Innate Immune Response in the Brain Contribute to the High Pathogenicity of H5N1 Avian Influenza Virus in Mallard Ducks. <i>Journal of Virology</i> , 2013, 87, 11063-11075.	1.5	51
26	Molecular Mechanism of the Airborne Transmissibility of H9N2 Avian Influenza A Viruses in Chickens. <i>Journal of Virology</i> , 2014, 88, 9568-9578.	1.5	50
27	The nucleolar phosphoprotein B23 targets Newcastle disease virus matrix protein to the nucleoli and facilitates viral replication. <i>Virology</i> , 2014, 452-453, 212-222.	1.1	39
28	Hemagglutinin glycosylation modulates the pathogenicity and antigenicity of the H5N1 avian influenza virus. <i>Veterinary Microbiology</i> , 2015, 175, 244-256.	0.8	39
29	Genetic diversity of Newcastle disease viruses isolated from domestic poultry species in Eastern China during 2005–2008. <i>Archives of Virology</i> , 2011, 156, 253-261.	0.9	37
30	Role of c-Jun terminal kinase (JNK) activation in influenza A virus-induced autophagy and replication. <i>Virology</i> , 2019, 526, 1-12.	1.1	37
31	Roles of the spiA gene from <i>Salmonella enteritidis</i> in biofilm formation and virulence. <i>Microbiology (United Kingdom)</i> , 2011, 157, 1798-1805.	0.7	36
32	Toxicity of the brominated flame retardant tris-(2,3-dibromopropyl) isocyanurate in zebrafish (<i>Danio rerio</i>). <i>Journal of Applied Toxicology</i> , 2017, 38, 1077-1087.	1.7	35
33	Newcastle disease virus (NDV) recombinant expressing the hemagglutinin of H7N9 avian influenza virus protects chickens against NDV and highly pathogenic avian influenza A (H7N9) virus challenges. <i>Vaccine</i> , 2017, 35, 6585-6590.	1.7	33
34	A 20-Amino-Acid Deletion in the Neuraminidase Stalk and a Five-Amino-Acid Deletion in the NS1 Protein Both Contribute to the Pathogenicity of H5N1 Avian Influenza Viruses in Mallard Ducks. <i>PLoS ONE</i> , 2014, 9, e95539.	1.1	32
35	PA-X: a key regulator of influenza A virus pathogenicity and host immune responses. <i>Medical Microbiology and Immunology</i> , 2018, 207, 255-269.	2.6	32
36	RstA is required for the virulence of an avian pathogenic <i>Escherichia coli</i> O2 strain E058. <i>Infection, Genetics and Evolution</i> , 2015, 29, 180-188.	1.0	31

#	ARTICLE	IF	CITATIONS
37	Identification and characterization of a novel antigenic epitope in the hemagglutinin of the escape mutants of H9N2 avian influenza viruses. <i>Veterinary Microbiology</i> , 2015, 178, 144-149.	0.8	31
38	Characterization of virulent Newcastle disease viruses from vaccinated chicken flocks in Eastern China. <i>BMC Veterinary Research</i> , 2016, 12, 113.	0.7	29
39	Characteristics of the emerging chicken-origin highly pathogenic H7N9 viruses: A new threat to public health and poultry industry. <i>Journal of Infection</i> , 2018, 76, 217-220.	1.7	29
40	Newcastle Disease Virus as a Vaccine Vector for 20 Years: A Focus on Maternally Derived Antibody Interference. <i>Vaccines</i> , 2020, 8, 222.	2.1	29
41	Novel H5 clade 2.3.4.6 viruses with both $\hat{I}\pm$ -2,3 and $\hat{I}\pm$ -2,6 receptor binding properties may pose a pandemic threat. <i>Veterinary Research</i> , 2014, 45, 127.	1.1	28
42	Down-Regulation of <i>SSII-2</i> Gene Expression Results in Novel Low-Amylose Rice with Soft, Transparent Grains. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 9750-9760.	2.4	28
43	Sensorless-Based Active Disturbance Rejection Control for a Wind Energy Conversion System With Permanent Magnet Synchronous Generator. <i>IEEE Access</i> , 2019, 7, 122663-122674.	2.6	28
44	H1N1 Influenza Virus Cross-Activates Gli1 to Disrupt the Intercellular Junctions of Alveolar Epithelial Cells. <i>Cell Reports</i> , 2020, 31, 107801.	2.9	28
45	Contribution of the <i>csgA</i> and <i>bcsA</i> genes to <i>Salmonella enterica</i> serovar Pullorum biofilm formation and virulence. <i>Avian Pathology</i> , 2017, 46, 541-547.	0.8	27
46	Packaging signal of influenza A virus. <i>Virology Journal</i> , 2021, 18, 36.	1.4	27
47	PA-X-associated early alleviation of the acute lung injury contributes to the attenuation of a highly pathogenic H5N1 avian influenza virus in mice. <i>Medical Microbiology and Immunology</i> , 2016, 205, 381-395.	2.6	26
48	Role of Post-translational Modifications in Influenza A Virus Life Cycle and Host Innate Immune Response. <i>Frontiers in Microbiology</i> , 2020, 11, 517461.	1.5	26
49	Autologous Tumor Vaccine Modified with Recombinant New Castle Disease Virus Expressing IL-7 Promotes Antitumor Immune Response. <i>Journal of Immunology</i> , 2014, 193, 735-745.	0.4	25
50	Surveillance of avirulent Newcastle disease viruses at live bird markets in Eastern China during 2008–2012 reveals a new sub-genotype of class I virus. <i>Virology Journal</i> , 2014, 11, 211.	1.4	25
51	Newcastle disease virus-like particles induce DC maturation through TLR4/NF- \hat{I} B pathway and facilitate DC migration by CCR7-CCL19/CCL21 axis. <i>Veterinary Microbiology</i> , 2017, 203, 158-166.	0.8	25
52	T160A mutation-induced deglycosylation at site 158 in hemagglutinin is a critical determinant of the dual receptor binding properties of clade 2.3.4.4 H5NX subtype avian influenza viruses. <i>Veterinary Microbiology</i> , 2018, 217, 158-166.	0.8	25
53	Deep Sequencing-Based Transcriptome Profiling Reveals Avian Interferon-Stimulated Genes and Provides Comprehensive Insight into Newcastle Disease Virus-Induced Host Responses. <i>Viruses</i> , 2018, 10, 162.	1.5	25
54	RBFNDOB-based neural network inverse control for non-minimum phase MIMO system with disturbances. <i>ISA Transactions</i> , 2014, 53, 983-993.	3.1	24

#	ARTICLE	IF	CITATIONS
55	Generation and evaluation of a recombinant genotype VII Newcastle disease virus expressing VP3 protein of Goose parvovirus as a bivalent vaccine in goslings. <i>Virus Research</i> , 2015, 203, 77-83.	1.1	24
56	Phylogenetic and biological characterization of three K1203 (H5N8)-like avian influenza A virus reassortants in China in 2014. <i>Archives of Virology</i> , 2016, 161, 289-302.	0.9	24
57	Efficacy of the Bartha-K61 vaccine and a gE ^Δ /gI ^Δ /TK ^Δ prototype vaccine against variant porcine pseudorabies virus (vPRV) in piglets with sublethal challenge of vPRV. <i>Research in Veterinary Science</i> , 2020, 128, 16-23.	0.9	24
58	Importin β 5 negatively regulates importin β 1-mediated nuclear import of Newcastle disease virus matrix protein and viral replication and pathogenicity in chicken fibroblasts. <i>Virulence</i> , 2018, 9, 783-803.	1.8	23
59	Retrospective survey and phylogenetic analysis of porcine circovirus type 3 in Jiangsu province, China, 2008 to 2017. <i>Archives of Virology</i> , 2018, 163, 2531-2538.	0.9	23
60	Genetic and biological characterization of H9N2 avian influenza viruses isolated in China from 2011 to 2014. <i>PLoS ONE</i> , 2018, 13, e0199260.	1.1	23
61	Isolation and characterization of Getah virus from pigs in Guangdong province of China. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 2249.	1.3	23
62	Effects of the HN Antigenic Difference between the Vaccine Strain and the Challenge Strain of Newcastle Disease Virus on Virus Shedding and Transmission. <i>Viruses</i> , 2017, 9, 225.	1.5	21
63	Phylogenetic, antigenic and biological characterization of pigeon paramyxovirus type 1 circulating in China. <i>Virology Journal</i> , 2017, 14, 186.	1.4	21
64	Development of a Colloidal Gold-Based Immunochromatographic Strip for Rapid Detection of H7N9 Influenza Viruses. <i>Frontiers in Microbiology</i> , 2018, 9, 2069.	1.5	21
65	Genetic diversity of the genotype VII Newcastle disease virus: identification of a novel VIIj sub-genotype. <i>Virus Genes</i> , 2017, 53, 63-70.	0.7	20
66	Characterization and evolution of the coronavirus porcine epidemic diarrhoea virus HJBY isolated in China. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 65-79.	1.3	20
67	Fabrication of chondroitin sulfate calcium complex and its chondrocyte proliferation in vitro. <i>Carbohydrate Polymers</i> , 2021, 254, 117282.	5.1	20
68	Emergence of a novel reassortant avian influenza virus (H10N3) in Eastern China with high pathogenicity and respiratory droplet transmissibility to mammals. <i>Science China Life Sciences</i> , 2022, 65, 1024-1035.	2.3	20
69	Adaptation of a natural reassortant H5N2 avian influenza virus in mice. <i>Veterinary Microbiology</i> , 2014, 172, 568-574.	0.8	19
70	Virulence Determinants in the PB2 Gene of a Mouse-Adapted H9N2 Virus. <i>Journal of Virology</i> , 2015, 89, 877-882.	1.5	19
71	Cross-clade protective immune responses of NS1-truncated live attenuated H5N1 avian influenza vaccines. <i>Vaccine</i> , 2016, 34, 350-357.	1.7	19
72	Multiplex one-step Real-time PCR by Taqman-MGB method for rapid detection of pan and H5 subtype avian influenza viruses. <i>PLoS ONE</i> , 2017, 12, e0178634.	1.1	19

#	ARTICLE	IF	CITATIONS
73	Genetic analysis and biological characteristics of different internal gene origin H5N6 reassortment avian influenza virus in China in 2016. <i>Veterinary Microbiology</i> , 2018, 219, 200-211.	0.8	19
74	N-linked glycosylation at site 158 of the HA protein of H5N6 highly pathogenic avian influenza virus is important for viral biological properties and host immune responses. <i>Veterinary Research</i> , 2021, 52, 8.	1.1	19
75	The M, F and HN genes of genotype VIIId Newcastle disease virus are associated with the severe pathological changes in the spleen of chickens. <i>Virology Journal</i> , 2015, 12, 133.	1.4	18
76	Toxicity of new emerging pollutant tris(2,3-dibromopropyl) isocyanurate on BALB/c mice. <i>Journal of Applied Toxicology</i> , 2015, 35, 375-382.	1.4	18
77	Gga-miR-19b-3p Inhibits Newcastle Disease Virus Replication by Suppressing Inflammatory Response via Targeting RNF11 and ZMYND11. <i>Frontiers in Microbiology</i> , 2019, 10, 2006.	1.5	17
78	Establishing a Multicolor Flow Cytometry to Characterize Cellular Immune Response in Chickens Following H7N9 Avian Influenza Virus Infection. <i>Viruses</i> , 2020, 12, 1396.	1.5	17
79	Re-emergence of H5N8 highly pathogenic avian influenza virus in wild birds, China. <i>Emerging Microbes and Infections</i> , 2021, 10, 1819-1823.	3.0	17
80	A single amino acid mutation, R42A, in the Newcastle disease virus matrix protein abrogates its nuclear localization and attenuates viral replication and pathogenicity. <i>Journal of General Virology</i> , 2014, 95, 1067-1073.	1.3	16
81	Adaptive mutations in PB2 gene contribute to the high virulence of a natural reassortant H5N2 avian influenza virus in mice. <i>Virus Research</i> , 2015, 210, 255-263.	1.1	16
82	Virulence traits and pathogenicity of uropathogenic <i>Escherichia coli</i> isolates with common and uncommon O serotypes. <i>Microbial Pathogenesis</i> , 2017, 104, 217-224.	1.3	16
83	Efficacy of Live-Attenuated H9N2 Influenza Vaccine Candidates Containing NS1 Truncations against H9N2 Avian Influenza Viruses. <i>Frontiers in Microbiology</i> , 2017, 8, 1086.	1.5	16
84	Evaluation of the Efficacy and Cross-Protective Immunity of Live-Attenuated Chimeric PCV1-2b Vaccine Against PCV2b and PCV2d Subtype Challenge in Pigs. <i>Frontiers in Microbiology</i> , 2018, 9, 455.	1.5	16
85	Occurrence and genotypes of <i>Cryptosporidium</i> spp., <i>Giardia duodenalis</i> , and <i>Blastocystis</i> sp. in household, shelter, breeding, and pet market dogs in Guangzhou, southern China. <i>Scientific Reports</i> , 2020, 10, 17736.	1.6	16
86	Effect of the selection pressure of vaccine antibodies on evolution of H9N2 avian influenza virus in chickens. <i>AMB Express</i> , 2020, 10, 98.	1.4	16
87	Identification and pathotypical analysis of a novel Vlk sub-genotype Newcastle disease virus obtained from pigeon in China. <i>Virus Research</i> , 2017, 238, 1-7.	1.1	15
88	Synergistic effect of PB2 283M and 526R contributes to enhanced virulence of H5N8 influenza viruses in mice. <i>Veterinary Research</i> , 2017, 48, 67.	1.1	15
89	Chimeric Newcastle disease virus-vectored vaccine protects chickens against H9N2 avian influenza virus in the presence of pre-existing NDV immunity. <i>Archives of Virology</i> , 2018, 163, 3365-3371.	0.9	15
90	Compatibility between haemagglutinin and neuraminidase drives the recent emergence of novel clade 2.3.4.4 H5Nx avian influenza viruses in China. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 1757-1769.	1.3	15

#	ARTICLE	IF	CITATIONS
91	MicroRNA Expression Profiling in Newcastle Disease Virus-Infected DF-1 Cells by Deep Sequencing. <i>Frontiers in Microbiology</i> , 2019, 10, 1659.	1.5	15
92	A77 1726, the active metabolite of the anti-rheumatoid arthritis drug leflunomide, inhibits influenza A virus replication in vitro and in vivo by inhibiting the activity of Janus kinases. <i>FASEB Journal</i> , 2020, 34, 10132-10145.	0.2	15
93	The antigenic drift molecular basis of the H5N1 influenza viruses in a novel branch of clade 2.3.4. <i>Veterinary Microbiology</i> , 2014, 171, 23-30.	0.8	14
94	Reassortant H5N1 avian influenza viruses containing PA or NP gene from an H9N2 virus significantly increase the pathogenicity in mice. <i>Veterinary Microbiology</i> , 2016, 192, 95-101.	0.8	14
95	Inactivated chimeric porcine circovirus (PCV) 1-2 vaccines based on genotypes 2b and 2d exhibit similar immunological effectiveness in protecting pigs against challenge with PCV2b strain 0233. <i>Archives of Virology</i> , 2017, 162, 235-246.	0.9	14
96	Single Immunization with Newcastle Disease Virus-Vectored H7N9 Vaccine Confers a Complete Protection Against Challenge with Highly Pathogenic Avian Influenza H7N9 Virus. <i>Avian Diseases</i> , 2018, 63, 61.	0.4	14
97	The T160A hemagglutinin substitution affects not only receptor binding property but also transmissibility of H5N1 clade 2.3.4 avian influenza virus in guinea pigs. <i>Veterinary Research</i> , 2017, 48, 7.	1.1	13
98	Internal Gene Cassette from a Genotype S H9N2 Avian Influenza Virus Attenuates the Pathogenicity of H5 Viruses in Chickens and Mice. <i>Frontiers in Microbiology</i> , 2017, 8, 1978.	1.5	13
99	Glycosylation at 11Asn on hemagglutinin of H5N1 influenza virus contributes to its biological characteristics. <i>Veterinary Research</i> , 2017, 48, 81.	1.1	13
100	Quantitative proteomics identify an association between extracellular matrix degradation and immunopathology of genotype VII Newcastle disease virus in the spleen in chickens. <i>Journal of Proteomics</i> , 2018, 181, 201-212.	1.2	13
101	Design of an Intelligent Active Obstacle Avoidance Car Based on Rotating Ultrasonic Sensors. , 2018, , .		13
102	The PB2 and M genes of genotype S H9N2 virus contribute to the enhanced fitness of H5Nx and H7N9 avian influenza viruses in chickens. <i>Virology</i> , 2019, 535, 218-226.	1.1	13
103	Comparative efficacy of experimental inactivated and live-attenuated chimeric porcine circovirus (PCV) 1-2b vaccines derived from PCV1 and PCV2b isolates originated in China. <i>Virology Journal</i> , 2015, 12, 113.	1.4	12
104	Characteristics of two highly pathogenic avian influenza H5N8 viruses with different pathogenicity in mice. <i>Archives of Virology</i> , 2016, 161, 3365-3374.	0.9	12
105	Genetic and biological characterization of three poultry-origin H5N6 avian influenza viruses with all internal genes from genotype S H9N2 viruses. <i>Archives of Virology</i> , 2018, 163, 947-960.	0.9	12
106	NDV entry into dendritic cells through macropinocytosis and suppression of T lymphocyte proliferation. <i>Virology</i> , 2018, 518, 126-135.	1.1	12
107	Evolution of H9N2 avian influenza virus in embryonated chicken eggs with or without homologous vaccine antibodies. <i>BMC Veterinary Research</i> , 2018, 14, 71.	0.7	12
108	Genetic and biological characterization of two reassortant H5N2 avian influenza A viruses isolated from waterfowl in China in 2016. <i>Veterinary Microbiology</i> , 2018, 224, 8-16.	0.8	12

#	ARTICLE	IF	CITATIONS
109	Hemagglutinin-Specific Non-neutralizing Antibody Is Essential for Protection Provided by Inactivated and Viral-Vectored H7N9 Avian Influenza Vaccines in Chickens. <i>Frontiers in Veterinary Science</i> , 2019, 6, 482.	0.9	12
110	Genetic and antigenic diversity of H7N9 highly pathogenic avian influenza virus in China. <i>Infection, Genetics and Evolution</i> , 2021, 93, 104993.	1.0	12
111	The avian pathogenic <i>Escherichia coli</i> O2 strain E058 carrying the defined aerobactin-defective <i>iucD</i> or <i>iucDiutA</i> mutation is less virulent in the chicken. <i>Infection, Genetics and Evolution</i> , 2015, 30, 267-277.	1.0	11
112	Simultaneous mutation of G275A and P276A in the matrix protein of Newcastle disease virus decreases virus replication and budding. <i>Archives of Virology</i> , 2016, 161, 3527-3533.	0.9	11
113	iTRAQ-based quantitative proteomics reveals important host factors involved in the high pathogenicity of the H5N1 avian influenza virus in mice. <i>Medical Microbiology and Immunology</i> , 2017, 206, 125-147.	2.6	11
114	Antibody Immunity Induced by H7N9 Avian Influenza Vaccines: Evaluation Criteria, Affecting Factors, and Implications for Rational Vaccine Design. <i>Frontiers in Microbiology</i> , 2017, 8, 1898.	1.5	11
115	Effect of annexin II-mediated conversion of plasmin from plasminogen on airborne transmission of H9N2 avian influenza virus. <i>Veterinary Microbiology</i> , 2018, 223, 100-106.	0.8	11
116	Impact of the variations in potential glycosylation sites of the hemagglutinin of H9N2 influenza virus. <i>Virus Genes</i> , 2019, 55, 182-190.	0.7	11
117	<i>Cryptosporidium parvum</i> gp40/15 Is Associated with the Parasitophorous Vacuole Membrane and Is a Potential Vaccine Target. <i>Microorganisms</i> , 2020, 8, 363.	1.6	11
118	Inhibition of porcine epidemic diarrhea virus (PEDV) replication by A77 1726 through targeting JAK and Src tyrosine kinases. <i>Virology</i> , 2020, 551, 75-83.	1.1	11
119	Novel reassortant H5N5 viruses bind to a human-type receptor as a factor in pandemic risk. <i>Veterinary Microbiology</i> , 2015, 175, 356-361.	0.8	10
120	The PA-interacting host protein nucleolin acts as an antiviral factor during highly pathogenic H5N1 avian influenza virus infection. <i>Archives of Virology</i> , 2018, 163, 2775-2786.	0.9	10
121	A comprehensive comparison of the fifth wave highly pathogenic and low pathogenic H7N9 avian influenza viruses reveals potential threat posed by both types of viruses in mammals. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 1459-1473.	1.3	10
122	Comparative pathogenicity of two closely related Newcastle disease virus isolates from chicken and pigeon respectively. <i>Virus Research</i> , 2020, 286, 198091.	1.1	10
123	Pathogenicity and transmissibility of an H9N2 avian influenza virus that naturally harbors the mammalian-adaptive molecular factors in the hemagglutinin and PB2 proteins. <i>Journal of Infection</i> , 2021, 82, e22-e23.	1.7	10
124	Characterisation and haemagglutinin gene epitope mapping of a variant strain of H5N1 subtype avian influenza virus. <i>Veterinary Microbiology</i> , 2013, 162, 614-622.	0.8	9
125	Developmental changes in digestive enzyme activity in American shad, <i>Alosa sapidissima</i> , during early ontogeny. <i>Fish Physiology and Biochemistry</i> , 2017, 43, 397-409.	0.9	9
126	Characterization of cattle-origin ticks from Southern China. <i>Acta Tropica</i> , 2018, 187, 92-98.	0.9	9

#	ARTICLE	IF	CITATIONS
127	Non-linear extended state observer-based sliding mode control for a direct-driven wind energy conversion system with permanent magnet synchronous generator. <i>Journal of Engineering</i> , 2019, 2019, 613-617.	0.6	9
128	Enhanced cross-lineage protection induced by recombinant H9N2 avian influenza virus inactivated vaccine. <i>Vaccine</i> , 2019, 37, 1736-1742.	1.7	9
129	The PB2 and M genes are critical for the superiority of genotype S H9N2 virus to genotype H in optimizing viral fitness of H5Nx and H7N9 avian influenza viruses in mice. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 758-768.	1.3	9
130	Amino acid substitutions in antigenic region B of hemagglutinin play a critical role in the antigenic drift of subclade 2.3.4.4 highly pathogenic H5NX influenza viruses. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 263-275.	1.3	9
131	H5N1 avian influenza virus without 80-84 amino acid deletion at the NS1 protein hijacks the innate immune system of dendritic cells for an enhanced mammalian pathogenicity. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 2401-2413.	1.3	9
132	Characterization and functional analysis of chicken APOBEC4. <i>Developmental and Comparative Immunology</i> , 2020, 106, 103631.	1.0	9
133	EntE, EntS and TolC synergistically contributed to the pathogenesis of APEC strain E058. <i>Microbial Pathogenesis</i> , 2020, 141, 103990.	1.3	9
134	H5N1 infection impairs the alveolar epithelial barrier through intercellular junction proteins via Itch-mediated proteasomal degradation. <i>Communications Biology</i> , 2022, 5, 186.	2.0	9
135	Isolation, identification, and pathogenicity of O142 avian pathogenic <i>Escherichia coli</i> causing black proventriculus and septicemia in broiler breeders. <i>Infection, Genetics and Evolution</i> , 2015, 32, 23-29.	1.0	8
136	DNA microarray-mediated transcriptional profiling of avian pathogenic <i>Escherichia coli</i> O2 strain E058 during its infection of chicken. <i>Microbial Pathogenesis</i> , 2016, 100, 1-9.	1.3	8
137	Newcastle disease virus-like particles induce dendritic cell maturation and enhance viral-specific immune response. <i>Virus Genes</i> , 2017, 53, 555-564.	0.7	8
138	Role of TGF- β -activated kinase 1 (TAK1) activation in H5N1 influenza A virus-induced c-Jun terminal kinase activation and virus replication. <i>Virology</i> , 2019, 537, 263-271.	1.1	8
139	Recombinant baculovirus vaccine expressing hemagglutinin of H7N9 avian influenza virus confers full protection against lethal highly pathogenic H7N9 virus infection in chickens. <i>Archives of Virology</i> , 2019, 164, 807-817.	0.9	8
140	H7N9 influenza virus-like particle based on BEVS protects chickens from lethal challenge with highly pathogenic H7N9 avian influenza virus. <i>Veterinary Microbiology</i> , 2021, 258, 109106.	0.8	8
141	Extended state observer-based nonsingular terminal sliding mode controller for a DC-DC buck converter with disturbances: theoretical analysis and experimental verification. <i>International Journal of Control</i> , 2023, 96, 1661-1671.	1.2	8
142	A combined control strategy of wind energy conversion system with direct-driven PMSG. , 2016, , .		7
143	Deep sequencing of the mouse lung transcriptome reveals distinct long non-coding RNAs expression associated with the high virulence of H5N1 avian influenza virus in mice. <i>Virulence</i> , 2018, 9, 1092-1111.	1.8	7
144	The effect of autophagy on the survival and invasive activity of <i>Eimeria tenella</i> sporozoites. <i>Scientific Reports</i> , 2019, 9, 5835.	1.6	7

#	ARTICLE	IF	CITATIONS
145	Multiplex one-step real-time PCR assay for rapid simultaneous detection of velogenic and mesogenic Newcastle disease virus and H5-subtype avian influenza virus. <i>Archives of Virology</i> , 2019, 164, 1111-1119.	0.9	7
146	Glycosylation deletion of hemagglutinin head in the H5 subtype avian influenza virus enhances its virulence in mammals by inducing endoplasmic reticulum stress. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 1492-1506.	1.3	7
147	Genesis, evolution and host species distribution of influenza A (H10N3) virus in China. <i>Journal of Infection</i> , 2021, 83, 607-635.	1.7	7
148	Long noncoding RNA#45 exerts broad inhibitory effect on influenza a virus replication via its stem ring arms. <i>Virulence</i> , 2021, 12, 2443-2460.	1.8	7
149	Immunopotentiators Improve the Efficacy of Oil-Emulsion-Inactivated Avian Influenza Vaccine in Chickens, Ducks and Geese. <i>PLoS ONE</i> , 2016, 11, e0156573.	1.1	7
150	Nonlinear ESO-based vibration control for an all-clamped piezoelectric plate with disturbances and time delay: Design and hardware implementation. <i>Journal of Intelligent Material Systems and Structures</i> , 2022, 33, 2321-2335.	1.4	7
151	Optimal transfection methods and comparison of PK-15 and Dulac cells for rescue of chimeric porcine circovirus type 1-2. <i>Journal of Virological Methods</i> , 2014, 208, 90-95.	1.0	6
152	Signature-tagged mutagenesis screening revealed the role of lipopolysaccharide biosynthesis gene rfbH in smooth-to-rough transition in <i>Salmonella Enteritidis</i> . <i>Microbiological Research</i> , 2018, 212-213, 75-79.	2.5	6
153	Phylogenetic tracing and biological characterization of a novel clade 2.3.2.1 reassortant of H5N6 subtype avian influenza virus in China. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 730-741.	1.3	6
154	Differential microRNA Expression in Newcastle Disease Virus-Infected HeLa Cells and Its Role in Regulating Virus Replication. <i>Frontiers in Oncology</i> , 2021, 11, 616809.	1.3	6
155	Electrospun Membranes as a Porous Barrier for Molecular Transport: Membrane Characterization and Release Assessment. <i>Pharmaceutics</i> , 2021, 13, 916.	2.0	6
156	Development of an Inactivated H7N9 Subtype Avian Influenza Serological DIVA Vaccine Using the Chimeric HA Epitope Approach. <i>Microbiology Spectrum</i> , 2021, 9, e0068721.	1.2	6
157	gga-miR-1603 and gga-miR-1794 directly target viral L gene and function as a broad-spectrum antiviral factor against NDV replication. <i>Virulence</i> , 2021, 12, 45-56.	1.8	6
158	Experimental induction of necrotic enteritis with or without predisposing factors using netB positive <i>Clostridium perfringens</i> strains. <i>Gut Pathogens</i> , 2021, 13, 68.	1.6	6
159	Single Dose of Bivalent H5 and H7 Influenza Virus-Like Particle Protects Chickens Against Highly Pathogenic H5N1 and H7N9 Avian Influenza Viruses. <i>Frontiers in Veterinary Science</i> , 2021, 8, 774630.	0.9	6
160	Novel Reassortant H3N2 Avian Influenza Virus Isolated from Domestic Ducks in Eastern China in 2016. <i>Genome Announcements</i> , 2017, 5, .	0.8	5
161	Identification, sequence analysis, and infectivity of H9N2 avian influenza viruses isolated from geese. <i>Journal of Veterinary Science</i> , 2018, 19, 406.	0.5	5
162	Speed sensorless model predictive control method for a direct-drive wind energy conversion system. <i>Measurement and Control</i> , 2019, 52, 1394-1402.	0.9	5

#	ARTICLE	IF	CITATIONS
163	PA-X protein of H5N1 avian influenza virus inhibits NF-kappaB activity, a potential mechanism for PA-X counteracting the host innate immune responses. <i>Veterinary Microbiology</i> , 2020, 250, 108838.	0.8	5
164	Truncation or Deglycosylation of the Neuraminidase Stalk Enhances the Pathogenicity of the H5N1 Subtype Avian Influenza Virus in Mallard Ducks. <i>Frontiers in Microbiology</i> , 2020, 11, 583588.	1.5	5
165	Detection of PB2 627K mutation in two highly pathogenic isolates of the H7N9 subtype Influenza A virus from chickens in Northern China. <i>Journal of Infection</i> , 2020, 81, 979-997.	1.7	5
166	Surveillance of Class I Newcastle Disease Virus at Live Bird Markets and Commercial Poultry Farms in Eastern China Reveals the Epidemic Characteristics. <i>Virologica Sinica</i> , 2021, 36, 818-822.	1.2	5
167	ESO-Based Vibration Control for All-Clamped Plate Using an Electrodynamic Inertial Actuator. <i>International Journal of Structural Stability and Dynamics</i> , 2022, 22, .	1.5	5
168	Spatiotemporal Associations and Molecular Evolution of Highly Pathogenic Avian Influenza A H7N9 Virus in China from 2017 to 2021. <i>Viruses</i> , 2021, 13, 2524.	1.5	5
169	Single and Combined Effects of <i>Clostridium butyricum</i> and Coccidiosis Vaccine on Growth Performance and the Intestinal Microbiome of Broiler Chickens. <i>Frontiers in Microbiology</i> , 2022, 13, 811428.	1.5	5
170	Two amino acid substitutions in the haemagglutinin of the 2009 pandemic H1N1 virus decrease direct-contact transmission in guinea pigs. <i>Journal of General Virology</i> , 2014, 95, 2612-2617.	1.3	4
171	A single R36Q mutation in the matrix protein of pigeon paramyxovirus type 1 reduces virus replication and shedding in pigeons. <i>Archives of Virology</i> , 2016, 161, 1949-1955.	0.9	4
172	Development of a multiplex probe combination-based one-step real-time reverse transcription-PCR for NA subtype typing of avian influenza virus. <i>Scientific Reports</i> , 2017, 7, 13455.	1.6	4
173	Two novel reassortant high pathogenic H7N9 viruses isolated in Southern China in fifth wave shows internal genomic diversity and high virulence in chickens and ducks. <i>Journal of Infection</i> , 2018, 77, 561-571.	1.7	4
174	Autophagy induced by monensin serves as a mechanism for programmed death in <i>Eimeria tenella</i> . <i>Veterinary Parasitology</i> , 2020, 287, 109181.	0.7	4
175	Substitutions in the PB2 methionine 283 residue affect H5 subtype avian influenza virus virulence. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 2554-2563.	1.3	4
176	Pathogenicity and transmissibility of clade 2.3.4.4 highly pathogenic avian influenza virus subtype H5N6 in pigeons. <i>Veterinary Microbiology</i> , 2020, 247, 108776.	0.8	4
177	Novel reassortant 2.3.4.4B H5N6 highly pathogenic avian influenza viruses circulating among wild, domestic birds in Xinjiang, Northwest China. <i>Journal of Veterinary Science</i> , 2021, 22, e43.	0.5	4
178	Mutations during the adaptation of H7N9 avian influenza virus to mice lungs enhance human-like sialic acid binding activity and virulence in mice. <i>Veterinary Microbiology</i> , 2021, 254, 109000.	0.8	4
179	Identification of the dominant non-neutralizing epitope in the haemagglutinin of H7N9 avian influenza virus. <i>Virus Research</i> , 2021, 298, 198409.	1.1	4
180	Phylogenetic analysis and pathogenicity assessment of pigeon paramyxovirus type 1 circulating in China during 2007-2019. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 2076-2088.	1.3	4

#	ARTICLE	IF	CITATIONS
181	Baculovirus-derived influenza virus-like particle confers complete protection against lethal H7N9 avian influenza virus challenge in chickens and mice. <i>Veterinary Microbiology</i> , 2022, 264, 109306.	0.8	4
182	Reduced-Order Extended State Observer-Based Sliding Mode Control for All-Clamped Plate Using an Inertial Actuator. <i>Energies</i> , 2022, 15, 1780.	1.6	4
183	Characterization of two chicken origin highly pathogenic H7N9 viruses isolated in northern China. <i>Veterinary Microbiology</i> , 2022, 268, 109394.	0.8	4
184	Deep sequencing of the transcriptome from murine lung infected with H5N8 subtype avian influenza virus with combined substitutions I283M and K526R in PB2 gene. <i>Infection, Genetics and Evolution</i> , 2021, 87, 104672.	1.0	3
185	Rapid differential detection of subtype H1 and H3 swine influenza viruses using a TaqMan-MGB-based duplex one-step real-time RT-PCR assay. <i>Archives of Virology</i> , 2021, 166, 2217-2224.	0.9	3
186	AlphaB-crystallin promotes porcine circovirus type 2 replication in a cell proliferation-dependent manner. <i>Virus Research</i> , 2021, 301, 198435.	1.1	3
187	Genome-Wide Analysis of Alternative Splicing during Host-Virus Interactions in Chicken. <i>Viruses</i> , 2021, 13, 2409.	1.5	3
188	Phylogenetic and phenotypic characterization of two novel clade 2.3.2.1 H5N2 subtype avian influenza viruses from chickens in China. <i>Infection, Genetics and Evolution</i> , 2022, 98, 105205.	1.0	3
189	Emerging of H5N6 Subtype Influenza Virus with 129-Glycosylation Site on Hemagglutinin in Poultry in China Acquires Immune Pressure Adaption. <i>Microbiology Spectrum</i> , 2022, 10, e0253721.	1.2	3
190	Intranasal Immunization with a Recombinant Avian Paramyxovirus Serotypes 2 Vector-Based Vaccine Induces Protection against H9N2 Avian Influenza in Chicken. <i>Viruses</i> , 2022, 14, 918.	1.5	3
191	Output prediction based active disturbance rejection control approach and its application in structural vibration. , 2014, , .		2
192	Complete Genome Sequences of Two Subgenotype 1b Newcastle Disease Viruses Isolated from Sansui Sheldrake Ducks in Guizhou, China. <i>Genome Announcements</i> , 2016, 4, .	0.8	2
193	The virulence factor PA protein of highly pathogenic H5N1 avian influenza virus inhibits NF- κ B transcription in vitro. <i>Archives of Virology</i> , 2017, 162, 3517-3522.	0.9	2
194	A Model-Compensation ADRC Strategy of Wind Energy Conversion System with Direct-Driven PMSG. , 2018, , .		2
195	Unexpected transcriptome <i>pompT</i> ^{Δ1} contributes to the increased pathogenicity of a <i>pompT</i> mutant of avian pathogenic <i>Escherichia coli</i> . <i>Veterinary Microbiology</i> , 2019, 228, 61-68.	0.8	2
196	Effect of different floatation solutions on <i>E. tenella</i> oocyst purification and optimization of centrifugation conditions for improved recovery of oocysts and sporocysts. <i>Experimental Parasitology</i> , 2020, 217, 107965.	0.5	2
197	Induction of cross-group broadly reactive antibody response by natural H7N9 avian influenza virus infection and immunization with inactivated H7N9 vaccine in chickens. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 3041-3048.	1.3	2
198	Identification and Characterization of the ATG8, a Marker of <i>Eimeria tenella</i> Autophagy. <i>Brazilian Journal of Veterinary Parasitology</i> , 2021, 30, e017020.	0.2	2

#	ARTICLE	IF	CITATIONS
199	A reassortant highly pathogenic avian influenza H5N6 virus originating from the wildbird-origin H5N6 and the poultry H9N2/H7N9 viruses in Xinjiang, China. <i>Medycyna Weterynaryjna</i> , 2021, 77, 6532-2021.	0.0	2
200	Biological Characterization and Evolutionary Dynamics of Pigeon Paramyxovirus Type 1 in China. <i>Frontiers in Veterinary Science</i> , 2021, 8, 721102.	0.9	2
201	Novel reassortment 2.3.4.4b H5N8 highly pathogenic avian influenza viruses circulating in Xinjiang, China. <i>Preventive Veterinary Medicine</i> , 2022, 199, 105564.	0.7	2
202	Effects of HA2 154 deglycosylation and NA V202I mutation on biological property of H5N6 subtype avian influenza virus. <i>Veterinary Microbiology</i> , 2022, 266, 109353.	0.8	2
203	Generation of an avian influenza DIVA vaccine with a H3-peptide replacement located at HA2 against both highly and low pathogenic H7N9 virus. <i>Virulence</i> , 2022, 13, 530-541.	1.8	2
204	Genome-Wide Reassortment Analysis of Influenza A H7N9 Viruses Circulating in China during 2013–2019. <i>Viruses</i> , 2022, 14, 1256.	1.5	2
205	An RBFNN-Based Direct Inverse Controller for PMSM with Disturbances. <i>Complexity</i> , 2018, 2018, 1-13.	0.9	1
206	Ontogenetic development and redescription of <i>Eotetranychus kankitus</i> (Acariformes: Tetranychidae). <i>Zootaxa</i> , 2018, 4540, 132.	0.2	1
207	Compound control method for DC–DC converter. <i>Journal of Engineering</i> , 2019, 2019, 8348-8352.	0.6	1
208	Colonisation of mice and pigs by a chimeric porcine circovirus 1–2 prototype vaccine strain and a PCV2 isolate originating in China and their induction of cytokines. <i>Journal of Virological Methods</i> , 2020, 283, 113905.	1.0	1
209	The Packaging Regions of G1-Like PB2 Gene Contribute to Improving the Survival Advantage of Genotype S H9N2 Virus in China. <i>Frontiers in Microbiology</i> , 2021, 12, 655057.	1.5	1
210	The virulence modulator PA-X protein has minor effect on the pathogenicity of the highly pathogenic H7N9 avian influenza virus in mice. <i>Veterinary Microbiology</i> , 2021, 255, 109019.	0.8	1
211	Antigen Camouflage and Decoy-Strategy to Overcome Interference From Maternally Derived Antibody With Newcastle Disease Virus-Vectored Vaccines: More Than a Simple Combination. <i>Frontiers in Microbiology</i> , 2021, 12, 735250.	1.5	1
212	G1-like PB2 gene improves virus replication and competitive advantage of H9N2 virus. <i>Virus Genes</i> , 2021, 57, 521-528.	0.7	1
213	Common occurrence of <i>Enterocytozoon bienersi</i> genotypes SHR1 and PL2 in farmed masked palm civet (<i>Paguma larvata</i>) in China. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2021, 16, 99-102.	0.6	1
214	Identification of a universal antigen epitope of influenza A virus using peptide microarray. <i>BMC Veterinary Research</i> , 2021, 17, 22.	0.7	1
215	Role of the Hemagglutinin Residue 227 in Immunogenicity of H5 and H7 Subtype Avian Influenza Vaccines in Chickens. <i>Avian Diseases</i> , 2020, 64, 445-450.	0.4	1
216	Development of an indirect ELISA method based on the VP4 protein for detection antibody against duck hepatitis A virus type 1. <i>Journal of Virological Methods</i> , 2022, 300, 114393.	1.0	1

#	ARTICLE	IF	CITATIONS
217	Rapid Emergence of the Reassortant 2.3.4.4b H5N2 Highly Pathogenic Avian Influenza Viruses in a Live Poultry Market in Xinjiang, Northwest China. <i>Avian Diseases</i> , 2021, 65, 578-583.	0.4	1
218	Modification of the full-length cDNA clone of Newcastle disease virus isolated from an outbreak in the goose. <i>Frontiers of Biology in China: Selected Publications From Chinese Universities</i> , 2006, 1, 389-393.	0.2	0
219	The deletion of an extra six nucleotides in the 5' untranslated region of the nucleoprotein gene of Newcastle disease virus NA-1 decreases virulence. <i>BMC Veterinary Research</i> , 2014, 10, 964.	0.7	0
220	Predicative active disturbance rejection control for optimal power control of direct-driven PMSC with time delay. , 2015, , .		0
221	Composite Anti-Disturbance Control of Permanent Magnet Synchronous Motor Based on Feedback Linearization. , 2018, , .		0
222	The virulence of NDV NA-1 strain regulated by the 3' leader or 5' trailer sequences. <i>Microbial Pathogenesis</i> , 2019, 126, 109-115.	1.3	0
223	Matrix metalloproteinase-14 regulates collagen degradation and migration of mononuclear cells during infection with genotype VII Newcastle disease virus. <i>Journal of General Virology</i> , 2021, 102, .	1.3	0
224	G1-like M and PB2 genes are preferentially incorporated into H7N9 progeny virions during genetic reassortment. <i>BMC Veterinary Research</i> , 2021, 17, 80.	0.7	0
225	Assay of extracellular matrix degradation and transmigration of chicken peripheral blood mononuclear cells after infection with genotype VII Newcastle disease virus in vitro. <i>Journal of Virological Methods</i> , 2021, 290, 114076.	1.0	0
226	Redescription of <i>Bryobia pritchardi</i> Rimando, 1962 (Acari: Tetranychidae), with an ontogeny of chaetotaxy. <i>Acarologia</i> , 2019, 59, 73-110.	0.2	0
227	Expression and characterization of a recombinant broadly-reactive monoclonal antibody against group 1 and 2 influenza viruses. <i>Protein Expression and Purification</i> , 2022, 192, 106046.	0.6	0
228	Characterization of antibody response to an epitope spanning the haemagglutinin cleavage site of H7N9 subtype avian influenza virus for differentiation of infected and vaccinated chickens. <i>Avian Pathology</i> , 2022, , 1-25.	0.8	0
229	Experimental Study of Structural Vibration Control Based on Piezoelectric Shunt Control System. , 2022, , .		0