Xiufan Liu

List of Publications by Year
in descending order

229 papers	4,605 citations	136950 32 h-index	155660 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. Trends in Microbiology, 2017, 25, 713-728.	7.7	199
2	Characterization of three H5N5 and one H5N8 highly pathogenic avian influenza viruses in China. Veterinary Microbiology, 2013, 163, 351-357.	1.9	183
3	Current situation of H9N2 subtype avian influenza in China. Veterinary Research, 2017, 48, 49.	3.0	142
4	Plasmid-Mediated Quinolone Resistance Genes and Antibiotic Residues in Wastewater and Soil Adjacent to Swine Feedlots: Potential Transfer to Agricultural Lands. Environmental Health Perspectives, 2012, 120, 1144-1149.	6.0	119
5	Occurrence of Chloramphenicol-Resistance Genes as Environmental Pollutants from Swine Feedlots. Environmental Science & Technology, 2013, 47, 2892-2897.	10.0	108
6	A Novel Genotype H9N2 Influenza Virus Possessing Human H5N1 Internal Genomes Has Been Circulating in Poultry in Eastern China since 1998. Journal of Virology, 2009, 83, 8428-8438.	3.4	101
7	Comparison of virulence factors and expression of specific genes between uropathogenic Escherichia coli and avian pathogenic E. coli in a murine urinary tract infection model and a chicken challenge model. Microbiology (United Kingdom), 2009, 155, 1634-1644.	1.8	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 (1998â€"2002). Journal of General Virology, 2008, 89, 3102-3112.	2.9	94
9	Dominant subtype switch in avian influenza viruses during 2016â€"2019 in China. Nature Communications, 2020, 11, 5909.	12.8	93
10	New Threats from H7N9 Influenza Virus: Spread and Evolution of High- and Low-Pathogenicity Variants with High Genomic Diversity in Wave Five. Journal of Virology, 2018, 92, .	3.4	92
11	Catalytic inactivation of influenza virus by iron oxide nanozyme. Theranostics, 2019, 9, 6920-6935.	10.0	90
12	PA-X Decreases the Pathogenicity of Highly Pathogenic H5N1 Influenza A Virus in Avian Species by Inhibiting Virus Replication and Host Response. Journal of Virology, 2015, 89, 4126-4142.	3.4	88
13	Enzootic genotype S of H9N2 avian influenza viruses donates internal genes to emerging zoonotic influenza viruses in China. Veterinary Microbiology, 2014, 174, 309-315.	1.9	83
14	Impaired Gas Bladder Inflation in Zebrafish Exposed to a Novel Heterocyclic Brominated Flame Retardant Tris(2,3-dibromopropyl) Isocyanurate. Environmental Science & Technology, 2011, 45, 9750-9757.	10.0	75
15	The contribution of PA-X to the virulence of pandemic 2009 H1N1 and highly pathogenic H5N1 avian influenza viruses. Scientific Reports, 2015, 5, 8262.	3.3	69
16	Characterization of clade 2.3.4.4 highly pathogenic H5 avian influenza viruses in ducks and chickens. Veterinary Microbiology, 2016, 182, 116-122.	1.9	69
17	Highly Pathogenic Avian Influenza H5N6 Viruses Exhibit Enhanced Affinity for Human Type Sialic Acid Receptor and In-Contact Transmission in Model Ferrets. Journal of Virology, 2016, 90, 6235-6243.	3.4	64
18	Characterization of duck H5N1 influenza viruses with differing pathogenicity in mallard (Anas) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	2.0	59

#	Article	IF	Citations
19	Novel Variants of Clade 2.3.4 Highly Pathogenic Avian Influenza A(H5N1) Viruses, China. Emerging Infectious Diseases, 2013, 19, 2021-2024.	4.3	57
20	On the rejection of internal and external disturbances in a wind energy conversion system with direct-driven PMSG. ISA Transactions, 2016, 61, 95-103.	5.7	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. Journal of Virology, 2013, 87, 2660-2672.	3.4	54
22	Twenty amino acids at the C-terminus of PA-X are associated with increased influenza A virus replication and pathogenicity. Journal of General Virology, 2015, 96, 2036-2049.	2.9	54
23	Surveillance for avirulent Newcastle disease viruses in domestic ducks (<i>Anas</i> <i>platyrhynchos</i>and<i>Cairina moschata</i>) at live bird markets in Eastern China and characterization of the viruses isolated. Avian Pathology, 2009, 38, 377-391.	2.0	52
24	Newcastle disease virus degrades SIRT3 via PINK1-PRKN-dependent mitophagy to reprogram energy metabolism in infected cells. Autophagy, 2022, 18, 1503-1521.	9.1	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. Journal of Virology, 2013, 87, 11063-11075.	3.4	51
26	Molecular Mechanism of the Airborne Transmissibility of H9N2 Avian Influenza A Viruses in Chickens. Journal of Virology, 2014, 88, 9568-9578.	3.4	50
27	The nucleolar phosphoprotein B23 targets Newcastle disease virus matrix protein to the nucleoli and facilitates viral replication. Virology, 2014, 452-453, 212-222.	2.4	39
28	Hemagglutinin glycosylation modulates the pathogenicity and antigenicity of the H5N1 avian influenza virus. Veterinary Microbiology, 2015, 175, 244-256.	1.9	39
29	Genetic diversity of Newcastle disease viruses isolated from domestic poultry species in Eastern China during 2005â€"2008. Archives of Virology, 2011, 156, 253-261.	2.1	37
30	Role of c-Jun terminal kinase (JNK) activation in influenza A virus-induced autophagy and replication. Virology, 2019, 526, 1-12.	2.4	37
31	Roles of the spiA gene from Salmonella enteritidis in biofilm formation and virulence. Microbiology (United Kingdom), 2011, 157, 1798-1805.	1.8	36
32	Toxicity of the brominated flame retardant tris-(2,3-dibromopropyl) isocyanurate in zebrafish (Danio) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	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. Vaccine, 2017, 35, 6585-6590.	3.8	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. PLoS ONE, 2014, 9, e95539.	2.5	32
35	PA-X: a key regulator of influenza A virus pathogenicity and host immune responses. Medical Microbiology and Immunology, 2018, 207, 255-269.	4.8	32
36	RstA is required for the virulence of an avian pathogenic Escherichia coli O2 strain E058. Infection, Genetics and Evolution, 2015, 29, 180-188.	2.3	31

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37	Identification and characterization of a novel antigenic epitope in the hemagglutinin of the escape mutants of H9N2 avian influenza viruses. Veterinary Microbiology, 2015, 178, 144-149.	1.9	31
38	Characterization of virulent Newcastle disease viruses from vaccinated chicken flocks in Eastern China. BMC Veterinary Research, 2016, 12, 113.	1.9	29
39	Characteristics of the emerging chicken-origin highly pathogenic H7N9 viruses: A new threat to public health and poultry industry. Journal of Infection, 2018, 76, 217-220.	3.3	29
40	Newcastle Disease Virus as a Vaccine Vector for 20 Years: A Focus on Maternally Derived Antibody Interference. Vaccines, 2020, 8, 222.	4.4	29
41	Novel H5 clade 2.3.4.6 viruses with both Î±-2,3 and Î±-2,6 receptor binding properties may pose a pandemic threat. Veterinary Research, 2014, 45, 127.	3.0	28
42	Down-Regulation of <i>SSSII-2</i> Gene Expression Results in Novel Low-Amylose Rice with Soft, Transparent Grains. Journal of Agricultural and Food Chemistry, 2018, 66, 9750-9760.	5.2	28
43	Sensorless-Based Active Disturbance Rejection Control for a Wind Energy Conversion System With Permanent Magnet Synchronous Generator. IEEE Access, 2019, 7, 122663-122674.	4.2	28
44	H1N1 Influenza Virus Cross-Activates Gli1 to Disrupt the Intercellular Junctions of Alveolar Epithelial Cells. Cell Reports, 2020, 31, 107801.	6.4	28
45	Contribution of the <i>csgA</i> and <i>bcsA</i> genes to <i>Salmonella enterica</i> serovar Pullorum biofilm formation and virulence. Avian Pathology, 2017, 46, 541-547.	2.0	27
46	Packaging signal of influenza A virus. Virology Journal, 2021, 18, 36.	3.4	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. Medical Microbiology and Immunology, 2016, 205, 381-395.	4.8	26
48	Role of Post-translational Modifications in Influenza A Virus Life Cycle and Host Innate Immune Response. Frontiers in Microbiology, 2020, 11, 517461.	3.5	26
49	Autologous Tumor Vaccine Modified with Recombinant New Castle Disease Virus Expressing IL-7 Promotes Antitumor Immune Response. Journal of Immunology, 2014, 193, 735-745.	0.8	25
50	Surveillance of avirulent Newcastle disease viruses at live bird markets in Eastern China during 2008â€“2012 reveals a new sub-genotype of class I virus. Virology Journal, 2014, 11, 211.	3.4	25
51	Newcastle disease virus-like particles induce DC maturation through TLR4/NF-ÎºB pathway and facilitate DC migration by CCR7-CCL19/CCL21 axis. Veterinary Microbiology, 2017, 203, 158-166.	1.9	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. Veterinary Microbiology, 2018, 217, 158-166.	1.9	25
53	Deep Sequencing-Based Transcriptome Profiling Reveals Avian Interferon-Stimulated Genes and Provides Comprehensive Insight into Newcastle Disease Virus-Induced Host Responses. Viruses, 2018, 10, 162.	3.3	25
54	RBFNDOB-based neural network inverse control for non-minimum phase MIMO system with disturbances. ISA Transactions, 2014, 53, 983-993.	5.7	24

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55	Generation and evaluation of a recombinant genotype VII Newcastle disease virus expressing VP3 protein of Goose parvovirus as a bivalent vaccine in goslings. Virus Research, 2015, 203, 77-83.	2.2	24
56	Phylogenetic and biological characterization of three K1203 (H5N8)-like avian influenza A virus reassortants in China in 2014. Archives of Virology, 2016, 161, 289-302.	2.1	24
57	Efficacy of the Bartha-K61 vaccine and a gEâ^'/gIâ^'/TKâ^' prototype vaccine against variant porcine pseudorabies virus (vPRV) in piglets with sublethal challenge of vPRV. Research in Veterinary Science, 2020, 128, 16-23.	1.9	24
58	Importin Î±5 negatively regulates importin Î²1-mediated nuclear import of Newcastle disease virus matrix protein and viral replication and pathogenicity in chicken fibroblasts. Virulence, 2018, 9, 783-803.	4.4	23
59	Retrospective survey and phylogenetic analysis of porcine circovirus type 3 in Jiangsu province, China, 2008 to 2017. Archives of Virology, 2018, 163, 2531-2538.	2.1	23
60	Genetic and biological characterization of H9N2 avian influenza viruses isolated in China from 2011 to 2014. PLoS ONE, 2018, 13, e0199260.	2.5	23
61	Isolation and characterization of Getah virus from pigs in Guangdong province of China. Transboundary and Emerging Diseases, 2020, 67, 2249.	3.0	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. Viruses, 2017, 9, 225.	3.3	21
63	Phylogenetic, antigenic and biological characterization of pigeon paramyxovirus type 1 circulating in China. Virology Journal, 2017, 14, 186.	3.4	21
64	Development of a Colloidal Gold-Based Immunochromatographic Strip for Rapid Detection of H7N9 Influenza Viruses. Frontiers in Microbiology, 2018, 9, 2069.	3.5	21
65	Genetic diversity of the genotype VII Newcastle disease virus: identification of a novel VIIj sub-genotype. Virus Genes, 2017, 53, 63-70.	1.6	20
66	Characterization and evolution of the coronavirus porcine epidemic diarrhoea virus HLJBY isolated in China. Transboundary and Emerging Diseases, 2020, 67, 65-79.	3.0	20
67	Fabrication of chondroitin sulfate calcium complex and its chondrocyte proliferation in vitro. Carbohydrate Polymers, 2021, 254, 117282.	10.2	20
68	Emergence of a novel reassortant avian influenza virus (H10N3) in Eastern China with high pathogenicity and respiratory droplet transmissibility to mammals. Science China Life Sciences, 2022, 65, 1024-1035.	4.9	20
69	Adaptation of a natural reassortant H5N2 avian influenza virus in mice. Veterinary Microbiology, 2014, 172, 568-574.	1.9	19
70	Virulence Determinants in the PB2 Gene of a Mouse-Adapted H9N2 Virus. Journal of Virology, 2015, 89, 877-882.	3.4	19
71	Cross-clade protective immune responses of NS1-truncated live attenuated H5N1 avian influenza vaccines. Vaccine, 2016, 34, 350-357.	3.8	19
72	Multiplex one-step Real-time PCR by Taqman-MGB method for rapid detection of pan and H5 subtype avian influenza viruses. PLoS ONE, 2017, 12, e0178634.	2.5	19

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73	Genetic analysis and biological characteristics of different internal gene origin H5N6 reassortment avian influenza virus in China in 2016. Veterinary Microbiology, 2018, 219, 200-211.	1.9	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. Veterinary Research, 2021, 52, 8.	3.0	19
75	The M, F and HN genes of genotype VIId Newcastle disease virus are associated with the severe pathological changes in the spleen of chickens. Virology Journal, 2015, 12, 133.	3.4	18
76	Toxicity of new emerging pollutant trisâ€(2,3â€dibromopropyl) isocyanurate on BALB/c mice. Journal of Applied Toxicology, 2015, 35, 375-382.	2.8	18
77	Gga-miR-19b-3p Inhibits Newcastle Disease Virus Replication by Suppressing Inflammatory Response via Targeting RNF11 and ZMYND11. Frontiers in Microbiology, 2019, 10, 2006.	3.5	17
78	Establishing a Multicolor Flow Cytometry to Characterize Cellular Immune Response in Chickens Following H7N9 Avian Influenza Virus Infection. Viruses, 2020, 12, 1396.	3.3	17
79	Re-emergence of H5N8 highly pathogenic avian influenza virus in wild birds, China. Emerging Microbes and Infections, 2021, 10, 1819-1823.	6.5	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. Journal of General Virology, 2014, 95, 1067-1073.	2.9	16
81	Adaptive mutations in PB2 gene contribute to the high virulence of a natural reassortant H5N2 avian influenza virus in mice. Virus Research, 2015, 210, 255-263.	2.2	16
82	Virulence traits and pathogenicity of uropathogenic Escherichia coli isolates with common and uncommon O serotypes. Microbial Pathogenesis, 2017, 104, 217-224.	2.9	16
83	Efficacy of Live-Attenuated H9N2 Influenza Vaccine Candidates Containing NS1 Truncations against H9N2 Avian Influenza Viruses. Frontiers in Microbiology, 2017, 8, 1086.	3.5	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. Frontiers in Microbiology, 2018, 9, 455.	3.5	16
85	Occurrence and genotypes of Cryptosporidium spp., Giardia duodenalis, and Blastocystis sp. in household, shelter, breeding, and pet market dogs in Guangzhou, southern China. Scientific Reports, 2020, 10, 17736.	3.3	16
86	Effect of the selection pressure of vaccine antibodies on evolution of H9N2 avian influenza virus in chickens. AMB Express, 2020, 10, 98.	3.0	16
87	Identification and pathotypical analysis of a novel VIk sub-genotype Newcastle disease virus obtained from pigeon in China. Virus Research, 2017, 238, 1-7.	2.2	15
88	Synergistic effect of PB2 283M and 526R contributes to enhanced virulence of H5N8 influenza viruses in mice. Veterinary Research, 2017, 48, 67.	3.0	15
89	Chimeric Newcastle disease virus-vectored vaccine protects chickens against H9N2 avian influenza virus in the presence of pre-existing NDV immunity. Archives of Virology, 2018, 163, 3365-3371.	2.1	15
90	Compatibility between haemagglutinin and neuraminidase drives the recent emergence of novel clade 2.3.4.4 H5Nx avian influenza viruses in China. Transboundary and Emerging Diseases, 2018, 65, 1757-1769.	3.0	15

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91	MicroRNA Expression Profiling in Newcastle Disease Virus-Infected DF-1 Cells by Deep Sequencing. Frontiers in Microbiology, 2019, 10, 1659.	3.5	15
92	A77 1726, the active metabolite of the antiâ€rheumatoid arthritis drug leflunomide, inhibits influenza A virus replication in vitro and in vivo by inhibiting the activity of Janus kinases. FASEB Journal, 2020, 34, 10132-10145.	0.5	15
93	The antigenic drift molecular basis of the H5N1 influenza viruses in a novel branch of clade 2.3.4. Veterinary Microbiology, 2014, 171, 23-30.	1.9	14
94	Reassortant H5N1 avian influenza viruses containing PA or NP gene from an H9N2 virus significantly increase the pathogenicity in mice. Veterinary Microbiology, 2016, 192, 95-101.	1.9	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. Archives of Virology, 2017, 162, 235-246.	2.1	14
96	Single Immunization with Newcastle Disease Virus-Vectored H7N9 Vaccine Confers a Complete Protection Against Challenge with Highly Pathogenic Avian Influenza H7N9 Virus. Avian Diseases, 2018, 63, 61.	1.0	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. Veterinary Research, 2017, 48, 7.	3.0	13
98	Internal Gene Cassette from a Genotype S H9N2 Avian Influenza Virus Attenuates the Pathogenicity of H5 Viruses in Chickens and Mice. Frontiers in Microbiology, 2017, 8, 1978.	3.5	13
99	Glycosylation at 11Asn on hemagglutinin of H5N1 influenza virus contributes to its biological characteristics. Veterinary Research, 2017, 48, 81.	3.0	13
100	Quantitative proteomics identify an association between extracellular matrix degradation and immunopathology of genotype VII Newcastle disease virus in the spleen in chickens. Journal of Proteomics, 2018, 181, 201-212.	2.4	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. Virology, 2019, 535, 218-226.	2.4	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. Virology Journal, 2015, 12, 113.	3.4	12
104	Characteristics of two highly pathogenic avian influenza H5N8 viruses with different pathogenicity in mice. Archives of Virology, 2016, 161, 3365-3374.	2.1	12
105	Genetic and biological characterization of three poultry-origin H5N6 avian influenza viruses with all internal genes from genotype S H9N2 viruses. Archives of Virology, 2018, 163, 947-960.	2.1	12
106	NDV entry into dendritic cells through macropinocytosis and suppression of T lymphocyte proliferation. Virology, 2018, 518, 126-135.	2.4	12
107	Evolution of H9N2 avian influenza virus in embryonated chicken eggs with or without homologous vaccine antibodies. BMC Veterinary Research, 2018, 14, 71.	1.9	12
108	Genetic and biological characterization of two reassortant H5N2 avian influenza A viruses isolated from waterfowl in China in 2016. Veterinary Microbiology, 2018, 224, 8-16.	1.9	12

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109	Hemagglutinin-Specific Non-neutralizing Antibody Is Essential for Protection Provided by Inactivated and Viral-Vectored H7N9 Avian Influenza Vaccines in Chickens. Frontiers in Veterinary Science, 2019, 6, 482.	2.2	12
110	Genetic and antigenic diversity of H7N9 highly pathogenic avian influenza virus in China. Infection, Genetics and Evolution, 2021, 93, 104993.	2.3	12
111	The avian pathogenic Escherichia coli O2 strain E058 carrying the defined aerobactin-defective iucD or iucDiutA mutation is less virulent in the chicken. Infection, Genetics and Evolution, 2015, 30, 267-277.	2.3	11
112	Simultaneous mutation of G275A and P276A in the matrix protein of Newcastle disease virus decreases virus replication and budding. Archives of Virology, 2016, 161, 3527-3533.	2.1	11
113	iTRAQ-based quantitative proteomics reveals important host factors involved in the high pathogenicity of the H5N1 avian influenza virus in mice. Medical Microbiology and Immunology, 2017, 206, 125-147.	4.8	11
114	Antibody Immunity Induced by H7N9 Avian Influenza Vaccines: Evaluation Criteria, Affecting Factors, and Implications for Rational Vaccine Design. Frontiers in Microbiology, 2017, 8, 1898.	3.5	11
115	Effect of annexin II-mediated conversion of plasmin from plasminogen on airborne transmission of H9N2 avian influenza virus. Veterinary Microbiology, 2018, 223, 100-106.	1.9	11
116	Impact of the variations in potential glycosylation sites of the hemagglutinin of H9N2 influenza virus. Virus Genes, 2019, 55, 182-190.	1.6	11
117	Cryptosporidium parvum gp40/15 Is Associated with the Parasitophorous Vacuole Membrane and Is a Potential Vaccine Target. Microorganisms, 2020, 8, 363.	3.6	11
118	Inhibition of porcine epidemic diarrhea virus (PEDV) replication by A77 1726 through targeting JAK and Src tyrosine kinases. Virology, 2020, 551, 75-83.	2.4	11
119	Novel reassortant H5N5 viruses bind to a human-type receptor as a factor in pandemic risk. Veterinary Microbiology, 2015, 175, 356-361.	1.9	10
120	The PA-interacting host protein nucleolin acts as an antiviral factor during highly pathogenic H5N1 avian influenza virus infection. Archives of Virology, 2018, 163, 2775-2786.	2.1	10
121	A comprehensive comparison of the fifthâ€wave highly pathogenic and lowâ€pathogenic H7N9 avian influenza viruses reveals potential threat posed by both types of viruses in mammals. Transboundary and Emerging Diseases, 2018, 65, 1459-1473.	3.0	10
122	Comparative pathogenicity of two closely related Newcastle disease virus isolates from chicken and pigeon respectively. Virus Research, 2020, 286, 198091.	2.2	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. Journal of Infection, 2021, 82, e22-e23.	3.3	10
124	Characterisation and haemagglutinin gene epitope mapping of a variant strain of H5N1 subtype avian influenza virus. Veterinary Microbiology, 2013, 162, 614-622.	1.9	9
125	Developmental changes in digestive enzyme activity in American shad, Alosa sapidissima, during early ontogeny. Fish Physiology and Biochemistry, 2017, 43, 397-409.	2.3	9
126	Characterization of cattle-origin ticks from Southern China. Acta Tropica, 2018, 187, 92-98.	2.0	9

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127	Nonâ€linear extended state observerâ€based sliding mode control for a directâ€driven wind energy conversion system with permanent magnet synchronous generator. Journal of Engineering, 2019, 2019, 613-617.	1.1	9
128	Enhanced cross-lineage protection induced by recombinant H9N2 avian influenza virus inactivated vaccine. Vaccine, 2019, 37, 1736-1742.	3.8	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. Transboundary and Emerging Diseases, 2020, 67, 758-768.	3.0	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. Transboundary and Emerging Diseases, 2020, 67, 263-275.	3.0	9
131	H5N1 avian influenza virus without 80â€“84 amino acid deletion at the NS1 protein hijacks the innate immune system of dendritic cells for an enhanced mammalian pathogenicity. Transboundary and Emerging Diseases, 2021, 68, 2401-2413.	3.0	9
132	Characterization and functional analysis of chicken APOBEC4. Developmental and Comparative Immunology, 2020, 106, 103631.	2.3	9
133	EntE, EntS and TolC synergistically contributed to the pathogenesis of APEC strain E058. Microbial Pathogenesis, 2020, 141, 103990.	2.9	9
134	H5N1 infection impairs the alveolar epithelial barrier through intercellular junction proteins via Itch-mediated proteasomal degradation. Communications Biology, 2022, 5, 186.	4.4	9
135	Isolation, identification, and pathogenicity of O142 avian pathogenic Escherichia coli causing black proventriculus and septicemia in broiler breeders. Infection, Genetics and Evolution, 2015, 32, 23-29.	2.3	8
136	DNA microarray-mediated transcriptional profiling of avian pathogenic Escherichia coli O2 strain E058 during its infection of chicken. Microbial Pathogenesis, 2016, 100, 1-9.	2.9	8
137	Newcastle disease virus-like particles induce dendritic cell maturation and enhance viral-specific immune response. Virus Genes, 2017, 53, 555-564.	1.6	8
138	Role of TGF-Î²-activated kinase 1 (TAK1) activation in H5N1 influenza A virus-induced c-Jun terminal kinase activation and virus replication. Virology, 2019, 537, 263-271.	2.4	8
139	Recombinant baculovirus vaccine expressing hemagglutinin of H7N9 avian influenza virus confers full protection against lethal highly pathogenic H7N9 virus infection in chickens. Archives of Virology, 2019, 164, 807-817.	2.1	8
140	H7N9 influenza virus-like particle based on BEVS protects chickens from lethal challenge with highly pathogenic H7N9 avian influenza virus. Veterinary Microbiology, 2021, 258, 109106.	1.9	8
141	Extended state observer-based nonsingular terminal sliding mode controller for a DC-DC buck converter with disturbances: theoretical analysis and experimental verification. International Journal of Control, 2023, 96, 1661-1671.	1.9	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. Virulence, 2018, 9, 1092-1111.	4.4	7
144	The effect of autophagy on the survival and invasive activity of Eimeria tenella sporozoites. Scientific Reports, 2019, 9, 5835.	3.3	7

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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. Archives of Virology, 2019, 164, 1111-1119.	2.1	7
146	Glycosylation deletion of hemagglutinin head in the H5 subtype avian influenza virus enhances its virulence in mammals by inducing endoplasmic reticulum stress. Transboundary and Emerging Diseases, 2020, 67, 1492-1506.	3.0	7
147	Genesis, evolution and host species distribution of influenza A (H10N3) virus in China. Journal of Infection, 2021, 83, 607-635.	3.3	7
148	Long noncoding RNA#45 exerts broad inhibitory effect on influenza a virus replication via its stem ring arms. Virulence, 2021, 12, 2443-2460.	4.4	7
149	Immunopotentiators Improve the Efficacy of Oil-Emulsion-Inactivated Avian Influenza Vaccine in Chickens, Ducks and Geese. PLoS ONE, 2016, 11, e0156573.	2.5	7
150	Nonlinear ESO-based vibration control for an all-clamped piezoelectric plate with disturbances and time delay: Design and hardware implementation. Journal of Intelligent Material Systems and Structures, 2022, 33, 2321-2335.	2.5	7
151	Optimal transfection methods and comparison of PK-15 and Dulac cells for rescue of chimeric porcine circovirus type 1-2. Journal of Virological Methods, 2014, 208, 90-95.	2.1	6
152	Signature-tagged mutagenesis screening revealed the role of lipopolysaccharide biosynthesis gene rfbH in smooth-to-rough transition in Salmonella Enteritidis. Microbiological Research, 2018, 212-213, 75-79.	5.3	6
153	Phylogenetic tracing and biological characterization of a novel clade 2.3.2.1 reassortant of H5N6 subtype avian influenza virus in China. Transboundary and Emerging Diseases, 2021, 68, 730-741.	3.0	6
154	Differential microRNA Expression in Newcastle Disease Virus-Infected HeLa Cells and Its Role in Regulating Virus Replication. Frontiers in Oncology, 2021, 11, 616809.	2.8	6
155	Electrospun Membranes as a Porous Barrier for Molecular Transport: Membrane Characterization and Release Assessment. Pharmaceutics, 2021, 13, 916.	4.5	6
156	Development of an Inactivated H7N9 Subtype Avian Influenza Serological DIVA Vaccine Using the Chimeric HA Epitope Approach. Microbiology Spectrum, 2021, 9, e0068721.	3.0	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. Virulence, 2021, 12, 45-56.	4.4	6
158	Experimental induction of necrotic enteritis with or without predisposing factors using netB positive Clostridium perfringens strains. Gut Pathogens, 2021, 13, 68.	3.4	6
159	Single Dose of Bivalent H5 and H7 Influenza Virus-Like Particle Protects Chickens Against Highly Pathogenic H5N1 and H7N9 Avian Influenza Viruses. Frontiers in Veterinary Science, 2021, 8, 774630.	2.2	6
160	Novel Reassortant H3N2 Avian Influenza Virus Isolated from Domestic Ducks in Eastern China in 2016. Genome Announcements, 2017, 5, .	0.8	5
161	Identification, sequence analysis, and infectivity of H9N2 avian influenza viruses isolated from geese. Journal of Veterinary Science, 2018, 19, 406.	1.3	5
162	Speed sensorless model predictive control method for a direct-drive wind energy conversion system. Measurement and Control, 2019, 52, 1394-1402.	1.8	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. Veterinary Microbiology, 2020, 250, 108838.	1.9	5
164	Truncation or Deglycosylation of the Neuraminidase Stalk Enhances the Pathogenicity of the H5N1 Subtype Avian Influenza Virus in Mallard Ducks. Frontiers in Microbiology, 2020, 11, 583588.	3.5	5
165	Detection of PB2 627â€˜K mutation in two highly pathogenic isolates of the H7N9 subtype Influenza a virus from chickens in Northern China. Journal of Infection, 2020, 81, 979-997.	3.3	5
166	Surveillance of Class I Newcastle Disease Virus at Live Bird Markets and Commercial Poultry Farms in Eastern China Reveals the Epidemic Characteristics. Virologica Sinica, 2021, 36, 818-822.	3.0	5
167	ESO-Based Vibration Control for All-Clamped Plate Using an Electrodynamic Inertial Actuator. International Journal of Structural Stability and Dynamics, 2022, 22, .	2.4	5
168	Spatiotemporal Associations and Molecular Evolution of Highly Pathogenic Avian Influenza A H7N9 Virus in China from 2017 to 2021. Viruses, 2021, 13, 2524.	3.3	5
169	Single and Combined Effects of Clostridium butyricum and Coccidiosis Vaccine on Growth Performance and the Intestinal Microbiome of Broiler Chickens. Frontiers in Microbiology, 2022, 13, 811428.	3.5	5
170	Two amino acid substitutions in the haemagglutinin of the 2009 pandemic H1N1 virus decrease direct-contact transmission in guinea pigs. Journal of General Virology, 2014, 95, 2612-2617.	2.9	4
171	A single R36Q mutation in the matrix protein of pigeon paramyxovirus type 1 reduces virus replication and shedding in pigeons. Archives of Virology, 2016, 161, 1949-1955.	2.1	4
172	Development of a multiplex probe combination-based one-step real-time reverse transcription-PCR for NA subtype typing of avian influenza virus. Scientific Reports, 2017, 7, 13455.	3.3	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. Journal of Infection, 2018, 77, 561-571.	3.3	4
174	Autophagy induced by monensin serves as a mechanism for programmed death in Eimeria tenella. Veterinary Parasitology, 2020, 287, 109181.	1.8	4
175	Substitutions in the PB2 methionine 283 residue affect H5 subtype avian influenza virus virulence. Transboundary and Emerging Diseases, 2020, 67, 2554-2563.	3.0	4
176	Pathogenicity and transmissibility of clade 2.3.4.4 highly pathogenic avian influenza virus subtype H5N6 in pigeons. Veterinary Microbiology, 2020, 247, 108776.	1.9	4
177	Novel reassortant 2.3.4.4B H5N6 highly pathogenic avian influenza viruses circulating among wild, domestic birds in Xinjiang, Northwest China. Journal of Veterinary Science, 2021, 22, e43.	1.3	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. Veterinary Microbiology, 2021, 254, 109000.	1.9	4
179	Identification of the dominant non-neutralizing epitope in the haemagglutinin of H7N9 avian influenza virus. Virus Research, 2021, 298, 198409.	2.2	4
180	Phylogenetic analysis and pathogenicity assessment of pigeon paramyxovirus type 1 circulating in China during 2007â€"2019. Transboundary and Emerging Diseases, 2022, 69, 2076-2088.	3.0	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. Veterinary Microbiology, 2022, 264, 109306.	1.9	4
182	Reduced-Order Extended State Observer-Based Sliding Mode Control for All-Clamped Plate Using an Inertial Actuator. Energies, 2022, 15, 1780.	3.1	4
183	Characterization of two chicken origin highly pathogenic H7N9 viruses isolated in northern China. Veterinary Microbiology, 2022, 268, 109394.	1.9	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. Infection, Genetics and Evolution, 2021, 87, 104672.	2.3	3
185	Rapid differential detection of subtype H1 and H3 swine influenza viruses using a TaqMan-MGB-basedÂduplexÂone-stepÂreal-timeÂRT-PCRÂassay. Archives of Virology, 2021, 166, 2217-2224.	2.1	3
186	AlphaB-crystallin promotes porcine circovirus type 2 replication in a cell proliferation-dependent manner. Virus Research, 2021, 301, 198435.	2.2	3
187	Genome-Wide Analysis of Alternative Splicing during Host-Virus Interactions in Chicken. Viruses, 2021, 13, 2409.	3.3	3
188	Phylogenetic and phenotypic characterization of two novel clade 2.3.2.1 H5N2 subtype avian influenza viruses from chickens in China. Infection, Genetics and Evolution, 2022, 98, 105205.	2.3	3
189	Emerging of H5N6 Subtype Influenza Virus with 129-Glycosylation Site on Hemagglutinin in Poultry in China Acquires Immune Pressure Adaption. Microbiology Spectrum, 2022, 10, e0253721.	3.0	3
190	Intranasal Immunization with a Recombinant Avian Paramyxovirus Serotypes 2 Vector-Based Vaccine Induces Protection against H9N2 Avian Influenza in Chicken. Viruses, 2022, 14, 918.	3.3	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. Genome Announcements, 2016, 4, .	0.8	2
193	The virulence factor PA protein of highly pathogenic H5N1 avian influenza virus inhibits NF-Î°B transcription in vitro. Archives of Virology, 2017, 162, 3517-3522.	2.1	2
194	A Model-Compensation ADRC Strategy of Wind Energy Conversion System with Direct-Driven PMSG. , 2018, , .		2
195	Unexpected transcriptome pompTÊ¹ contributes to the increased pathogenicity of a pompT mutant of avian pathogenic Escherichia coli. Veterinary Microbiology, 2019, 228, 61-68.	1.9	2
196	Effect of different floatation solutions on E. tenella oocyst purification and optimization of centrifugation conditions for improved recovery of oocysts and sporocysts. Experimental Parasitology, 2020, 217, 107965.	1.2	2
197	Induction of crossâ€group broadly reactive antibody response by natural H7N9 avian influenza virus infection and immunization with inactivated H7N9 vaccine in chickens. Transboundary and Emerging Diseases, 2020, 67, 3041-3048.	3.0	2
198	Identification and Characterization of the ATG8, a Marker of Eimeria tenella Autophagy. Brazilian Journal of Veterinary Parasitology, 2021, 30, e017020.	0.7	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. Medycyna Weterynaryjna, 2021, 77, 6532-2021.	0.1	2
200	Biological Characterization and Evolutionary Dynamics of Pigeon Paramyxovirus Type 1 in China. Frontiers in Veterinary Science, 2021, 8, 721102.	2.2	2
201	Novel reassortment 2.3.4.4b H5N8 highly pathogenic avian influenza viruses circulating in Xinjiang, China. Preventive Veterinary Medicine, 2022, 199, 105564.	1.9	2
202	Effects of HA2 154 deglycosylation and NA V202I mutation on biological property of H5N6 subtype avian influenza virus. Veterinary Microbiology, 2022, 266, 109353.	1.9	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. Virulence, 2022, 13, 530-541.	4.4	2
204	Genome-Wide Reassortment Analysis of Influenza A H7N9 Viruses Circulating in China during 2013â€“2019. Viruses, 2022, 14, 1256.	3.3	2
205	An RBFNN-Based Direct Inverse Controller for PMSM with Disturbances. Complexity, 2018, 2018, 1-13.	1.6	1
206	Ontogenetic development and redescription of Eotetranychus kankitus (Acariformes: Tetranychidae). Zootaxa, 2018, 4540, 132.	0.5	1
207	Compound control method for DCâ€“DC converter. Journal of Engineering, 2019, 2019, 8348-8352.	1.1	1
208	Colonisation of mice and pigs by a chimeric porcine circovirus 1â€“2 prototype vaccine strain and a PCV2 isolate originating in China and their induction of cytokines. Journal of Virological Methods, 2020, 283, 113905.	2.1	1
209	The Packaging Regions of G1-Like PB2 Gene Contribute to Improving the Survival Advantage of Genotype S H9N2 Virus in China. Frontiers in Microbiology, 2021, 12, 655057.	3.5	1
210	The virulence modulator PA-X protein has minor effect on the pathogenicity of the highly pathogenic H7N9 avian influenza virus in mice. Veterinary Microbiology, 2021, 255, 109019.	1.9	1
211	â€œAntigen Camouflage and Decoyâ€•Strategy to Overcome Interference From Maternally Derived Antibody With Newcastle Disease Virus-Vectored Vaccines: More Than a Simple Combination. Frontiers in Microbiology, 2021, 12, 735250.	3.5	1
212	G1-like PB2 gene improves virus replication and competitive advantage of H9N2 virus. Virus Genes, 2021, 57, 521-528.	1.6	1
213	Common occurrence of Enterocytozoon bieneusi genotypes SHR1 and PL2 in farmed masked palm civet (Paguma larvata) in China. International Journal for Parasitology: Parasites and Wildlife, 2021, 16, 99-102.	1.5	1
214	Identification of a universal antigen epitope of influenza A virus using peptide microarray. BMC Veterinary Research, 2021, 17, 22.	1.9	1
215	Role of the Hemagglutinin Residue 227 in Immunogenicity of H5 and H7 Subtype Avian Influenza Vaccines in Chickens. Avian Diseases, 2020, 64, 445-450.	1.0	1
216	Development of an indirect ELISA method based on the VP4 protein for detection antibody against duck hepatitis A virus type 1. Journal of Virological Methods, 2022, 300, 114393.	2.1	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. Avian Diseases, 2021, 65, 578-583.	1.0	1
218	Modification of the full-length cDNA clone of Newcastle disease virus isolated from an outbreak in the goose. Frontiers of Biology in China: Selected Publications From Chinese Universities, 2006, 1, 389-393.	0.2	0
219	The deletion of an extra six nucleotides in the 5â€² -untranslated region of the nucleoprotein gene of Newcastle disease virus NA-1 decreases virulence. BMC Veterinary Research, 2014, 10, 964.	1.9	0
220	Predicative active disturbance rejection control for optimal power control of direct-driven PMSG 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 3â€² leader or 5â€² trailer sequences. Microbial Pathogenesis, 2019, 126, 109-115.	2.9	0
223	Matrix metalloproteinase-14 regulates collagen degradation and migration of mononuclear cells during infection with genotype VII Newcastle disease virus. Journal of General Virology, 2021, 102, .	2.9	0
224	G1-like M and PB2 genes are preferentially incorporated into H7N9 progeny virions during genetic reassortment. BMC Veterinary Research, 2021, 17, 80.	1.9	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. Journal of Virological Methods, 2021, 290, 114076.	2.1	0
226	Redescription of Bryobia pritchardi Rimando, 1962 (Acari: Tetranychidae), with an ontogeny of chaetotaxy. Acarologia, 2019, 59, 73-110.	0.6	0
227	Expression and characterization of a recombinant broadly-reactive monoclonal antibody against group 1 and 2 influenza viruses. Protein Expression and Purification, 2022, 192, 106046.	1.3	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. Avian Pathology, 2022, , 1-25.	2.0	0
229	Experimental Study of Structural Vibration Control Based on Piezoelectric Shunt Control System. , 2022, , .		0