

# Xiufan Liu

## List of Publications by Year in Descending Order

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

219  
papers

3,160  
citations

29  
h-index

47  
g-index

232  
ext. papers

3,999  
ext. citations

4.6  
avg, IF

5.23  
L-index

#	Paper	IF	Citations
219	Effects of HA2 154 deglycosylation and NA V202I mutation on biological property of H5N6 subtype avian influenza virus.. <i>Veterinary Microbiology</i> , <b>2022</b> , 266, 109353	3.3	0
218	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> , <b>2022</b> , 98, 105205	4.5	0
217	Expression and characterization of a recombinant broadly-reactive monoclonal antibody against group 1 and 2 influenza viruses.. <i>Protein Expression and Purification</i> , <b>2022</b> , 192, 106046	2	
216	Reduced-Order Extended State Observer-Based Sliding Mode Control for All-Clamped Plate Using an Inertial Actuator. <i>Energies</i> , <b>2022</b> , 15, 1780	3.1	0
215	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> , <b>2022</b> , 1-25	2.4	
214	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> , <b>2022</b> , 13, 530-541	4.7	1
213	H5N1 infection impairs the alveolar epithelial barrier through intercellular junction proteins via Itch-mediated proteasomal degradation.. <i>Communications Biology</i> , <b>2022</b> , 5, 186	6.7	2
212	Characterization of two chicken origin highly pathogenic H7N9 viruses isolated in northern China.. <i>Veterinary Microbiology</i> , <b>2022</b> , 268, 109394	3.3	1
211	Emerging of H5N6 Subtype Influenza Virus with 129-Glycosylation Site on Hemagglutinin in Poultry in China Acquires Immune Pressure Adaption.. <i>Microbiology Spectrum</i> , <b>2022</b> , e0253721	8.9	0
210	Single and Combined Effects of and Coccidiosis Vaccine on Growth Performance and the Intestinal Microbiome of Broiler Chickens.. <i>Frontiers in Microbiology</i> , <b>2022</b> , 13, 811428	5.7	0
209	Intranasal Immunization with a Recombinant Avian Paramyxovirus Serotypes 2 Vector-Based Vaccine Induces Protection against H9N2 Avian Influenza in Chicken. <i>Viruses</i> , <b>2022</b> , 14, 918	6.2	0
208	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> , <b>2021</b> , 300, 114393	2.6	0
207	Experimental induction of necrotic enteritis with or without predisposing factors using netB positive <i>Clostridium perfringens</i> strains. <i>Gut Pathogens</i> , <b>2021</b> , 13, 68	5.4	1
206	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> , <b>2021</b> , 8, 774630	3.1	1
205	Baculovirus-derived influenza virus-like particle confers complete protection against lethal H7N9 avian influenza virus challenge in chickens and mice.. <i>Veterinary Microbiology</i> , <b>2021</b> , 264, 109306	3.3	1
204	Novel reassortment 2.3.4.4b H5N8 highly pathogenic avian influenza viruses circulating in Xinjiang, China.. <i>Preventive Veterinary Medicine</i> , <b>2021</b> , 199, 105564	3.1	0
203	Biological Characterization and Evolutionary Dynamics of Pigeon Paramyxovirus Type 1 in China. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 721102	3.1	0

202	Newcastle disease virus degrades SIRT3 via PINK1-PRKN-dependent mitophagy to reprogram energy metabolism in infected cells. <i>Autophagy</i> , <b>2021</b> , 1-19	10.2	7
201	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> , <b>2021</b> , 12, 45-56	4.7	2
200	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> , <b>2021</b> , 68, 2401-2413	4.2	4
199	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> , <b>2021</b> , 254, 109000	3.3	1
198	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> , <b>2021</b> , 290, 114076	2.6	
197	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> , <b>2021</b> , 12, 655057	5.7	0
196	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> , <b>2021</b> , 255, 109019	3.3	0
195	Identification of the dominant non-neutralizing epitope in the haemagglutinin of H7N9 avian influenza virus. <i>Virus Research</i> , <b>2021</b> , 298, 198409	6.4	3
194	Differential microRNA Expression in Newcastle Disease Virus-Infected HeLa Cells and Its Role in Regulating Virus Replication. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 616809	5.3	2
193	Electrospun Membranes as a Porous Barrier for Molecular Transport: Membrane Characterization and Release Assessment. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	2
192	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> , <b>2021</b> , 166, 2217-2224	2.6	0
191	Phylogenetic analysis and pathogenicity assessment of pigeon paramyxovirus type 1 circulating in China during 2007-2019. <i>Transboundary and Emerging Diseases</i> , <b>2021</b> ,	4.2	1
190	H7N9 influenza virus-like particle based on BEVS protects chickens from lethal challenge with highly pathogenic H7N9 avian influenza virus. <i>Veterinary Microbiology</i> , <b>2021</b> , 258, 109106	3.3	2
189	Fabrication of chondroitin sulfate calcium complex and its chondrocyte proliferation in vitro. <i>Carbohydrate Polymers</i> , <b>2021</b> , 254, 117282	10.3	8
188	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> , <b>2021</b> , 68, 730-741	4.2	2
187	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> , <b>2021</b> , 82, e22-e23	18.9	4
186	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> , <b>2021</b> , 87, 104672	4.5	2
185	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> , <b>2021</b> , 22, e43	1.6	3

184	Re-emergence of H5N8 highly pathogenic avian influenza virus in wild birds, China. <i>Emerging Microbes and Infections</i> , <b>2021</b> , 10, 1819-1823	18.9	4
183	Identification and Characterization of the ATG8, a Marker of Eimeria tenella Autophagy. <i>Brazilian Journal of Veterinary Parasitology</i> , <b>2021</b> , 30, e017020	1.3	0
182	G1-like M and PB2 genes are preferentially incorporated into H7N9 progeny virions during genetic reassortment. <i>BMC Veterinary Research</i> , <b>2021</b> , 17, 80	2.7	
181	Packaging signal of influenza A virus. <i>Virology Journal</i> , <b>2021</b> , 18, 36	6.1	8
180	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> , <b>2021</b> , 36, 818-822	6.4	3
179	"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> , <b>2021</b> , 12, 735250	5.7	0
178	Genesis, evolution and host species distribution of influenza A (H10N3) virus in China. <i>Journal of Infection</i> , <b>2021</b> , 83, 607-635	18.9	3
177	AlphaB-crystallin promotes porcine circovirus type 2 replication in a cell proliferation-dependent manner. <i>Virus Research</i> , <b>2021</b> , 301, 198435	6.4	1
176	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> , <b>2021</b> , 1	8.5	4
175	Genetic and antigenic diversity of H7N9 highly pathogenic avian influenza virus in China. <i>Infection, Genetics and Evolution</i> , <b>2021</b> , 93, 104993	4.5	3
174	G1-like PB2 gene improves virus replication and competitive advantage of H9N2 virus. <i>Virus Genes</i> , <b>2021</b> , 57, 521-528	2.3	
173	Development of an Inactivated H7N9 Subtype Avian Influenza Serological DIVA Vaccine Using the Chimeric HA Epitope Approach. <i>Microbiology Spectrum</i> , <b>2021</b> , 9, e0068721	8.9	1
172	Common occurrence of genotypes SHR1 and PL2 in farmed masked palm civet () in China. <i>International Journal for Parasitology: Parasites and Wildlife</i> , <b>2021</b> , 16, 99-102	2.6	0
171	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> , <b>2021</b> , 77, 6532-2021	1.4	2
170	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> , <b>2021</b> , 52, 8	3.8	7
169	Long noncoding RNA#45 exerts broad inhibitory effect on influenza a virus replication via its stem ring arms. <i>Virulence</i> , <b>2021</b> , 12, 2443-2460	4.7	1
168	Identification of a universal antigen epitope of influenza A virus using peptide microarray. <i>BMC Veterinary Research</i> , <b>2021</b> , 17, 22	2.7	1
167	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> , <b>2021</b> , 65, 578-583	1.6	1

166	Establishing a Multicolor Flow Cytometry to Characterize Cellular Immune Response in Chickens Following H7N9 Avian Influenza Virus Infection. <i>Viruses</i> , <b>2020</b> , 12,	6.2	7
165	Autophagy induced by monensin serves as a mechanism for programmed death in <i>Eimeria tenella</i> . <i>Veterinary Parasitology</i> , <b>2020</b> , 287, 109181	2.8	0
164	Substitutions in the PB2 methionine 283 residue affect H5 subtype avian influenza virus virulence. <i>Transboundary and Emerging Diseases</i> , <b>2020</b> , 67, 2554-2563	4.2	4
163	Newcastle Disease Virus as a Vaccine Vector for 20 Years: A Focus on Maternally Derived Antibody Interference. <i>Vaccines</i> , <b>2020</b> , 8,	5.3	9
162	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> , <b>2020</b> , 283, 113905	2.6	0
161	gp40/15 Is Associated with the Parasitophorous Vacuole Membrane and Is a Potential Vaccine Target. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	2
160	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> , <b>2020</b> , 67, 3041-3048	4.2	2
159	Inhibition of porcine epidemic diarrhea virus (PEDV) replication by A77 1726 through targeting JAK and Src tyrosine kinases. <i>Virology</i> , <b>2020</b> , 551, 75-83	3.6	4
158	Pathogenicity and transmissibility of clade 2.3.4.4 highly pathogenic avian influenza virus subtype H5N6 in pigeons. <i>Veterinary Microbiology</i> , <b>2020</b> , 247, 108776	3.3	3
157	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> , <b>2020</b> , 67, 1492-1506	4.2	4
156	Characterization and functional analysis of chicken APOBEC4. <i>Developmental and Comparative Immunology</i> , <b>2020</b> , 106, 103631	3.2	5
155	Isolation and characterization of Getah virus from pigs in Guangdong province of China. <i>Transboundary and Emerging Diseases</i> , <b>2020</b> , 67, 2249	4.2	6
154	Effect of the selection pressure of vaccine antibodies on evolution of H9N2 avian influenza virus in chickens. <i>AMB Express</i> , <b>2020</b> , 10, 98	4.1	8
153	Role of the Hemagglutinin Residue 227 in Immunogenicity of H5 and H7 Subtype Avian Influenza Vaccines in Chickens. <i>Avian Diseases</i> , <b>2020</b> , 64, 445-450	1.6	0
152	EntE, EntS and TolC synergistically contributed to the pathogenesis of APEC strain E058. <i>Microbial Pathogenesis</i> , <b>2020</b> , 141, 103990	3.8	7
151	Efficacy of the Bartha-K61 vaccine and a gE/gI/TK prototype vaccine against variant porcine pseudorabies virus (vPRV) in piglets with sublethal challenge of vPRV. <i>Research in Veterinary Science</i> , <b>2020</b> , 128, 16-23	2.5	6
150	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> , <b>2020</b> , 67, 758-768	4.2	5
149	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> , <b>2020</b> , 67, 263-275	4.2	5

148	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> , <b>2020</b> , 10, 17736	4.9	9
147	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> , <b>2020</b> , 250, 108838	3.3	0
146	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> , <b>2020</b> , 217, 107965	2.1	1
145	Comparative pathogenicity of two closely related Newcastle disease virus isolates from chicken and pigeon respectively. <i>Virus Research</i> , <b>2020</b> , 286, 198091	6.4	6
144	Dominant subtype switch in avian influenza viruses during 2016-2019 in China. <i>Nature Communications</i> , <b>2020</b> , 11, 5909	17.4	35
143	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> , <b>2020</b> , 34, 10132-10145	0.9	6
142	H1N1 Influenza Virus Cross-Activates Gli1 to Disrupt the Intercellular Junctions of Alveolar Epithelial Cells. <i>Cell Reports</i> , <b>2020</b> , 31, 107801	10.6	9
141	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> , <b>2020</b> , 11, 583588	5.7	3
140	Detection of PB2 627 K mutation in two highly pathogenic isolates of the H7N9 subtype Influenza A virus from chickens in Northern China. <i>Journal of Infection</i> , <b>2020</b> , 81, 979-997	18.9	3
139	Role of Post-translational Modifications in Influenza A Virus Life Cycle and Host Innate Immune Response. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 517461	5.7	11
138	Characterization and evolution of the coronavirus porcine epidemic diarrhoea virus HLJBY isolated in China. <i>Transboundary and Emerging Diseases</i> , <b>2020</b> , 67, 65-79	4.2	10
137	Sensorless-Based Active Disturbance Rejection Control for a Wind Energy Conversion System With Permanent Magnet Synchronous Generator. <i>IEEE Access</i> , <b>2019</b> , 7, 122663-122674	3.5	13
136	Gga-miR-19b-3p Inhibits Newcastle Disease Virus Replication by Suppressing Inflammatory Response via Targeting RNF11 and ZMYND11. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 2006	5.7	9
135	Role of TGF- $\beta$ -activated kinase 1 (TAK1) activation in H5N1 influenza A virus-induced c-Jun terminal kinase activation and virus replication. <i>Virology</i> , <b>2019</b> , 537, 263-271	3.6	8
134	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> , <b>2019</b> , 164, 807-817	2.6	6
133	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> , <b>2019</b> , 2019, 613-617	0.7	4
132	The effect of autophagy on the survival and invasive activity of <i>Eimeria tenella</i> sporozoites. <i>Scientific Reports</i> , <b>2019</b> , 9, 5835	4.9	5
131	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> , <b>2019</b> , 164, 1111-1119	2.6	6

130	Enhanced cross-lineage protection induced by recombinant H9N2 avian influenza virus inactivated vaccine. <i>Vaccine</i> , <b>2019</b> , 37, 1736-1742	4.1	5
129	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> , <b>2019</b> , 6, 482	3.1	7
128	MicroRNA Expression Profiling in Newcastle Disease Virus-Infected DF-1 Cells by Deep Sequencing. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 1659	5.7	8
127	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> , <b>2019</b> , 535, 218-226	3.6	11
126	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> , <b>2019</b> , 63, 61-67	1.6	11
125	Redescription of <i>Bryobia pritchardi</i> Rimando, 1962 (Acari: Tetranychidae), with an ontogeny of chaetotaxy. <i>Acarologia</i> , <b>2019</b> , 59, 73-110	0.7	
124	Compound control method for DCDC converter. <i>Journal of Engineering</i> , <b>2019</b> , 2019, 8348-8352	0.7	1
123	Catalytic inactivation of influenza virus by iron oxide nanozyme. <i>Theranostics</i> , <b>2019</b> , 9, 6920-6935	12.1	54
122	Speed sensorless model predictive control method for a direct-drive wind energy conversion system. <i>Measurement and Control</i> , <b>2019</b> , 52, 1394-1402	1.5	3
121	Impact of the variations in potential glycosylation sites of the hemagglutinin of H9N2 influenza virus. <i>Virus Genes</i> , <b>2019</b> , 55, 182-190	2.3	6
120	Unexpected transcriptome pompTR contributes to the increased pathogenicity of a pompT mutant of avian pathogenic Escherichia coli. <i>Veterinary Microbiology</i> , <b>2019</b> , 228, 61-68	3.3	1
119	The virulence of NDV NA-1 strain regulated by the 3Rleader or 5Rtrailer sequences. <i>Microbial Pathogenesis</i> , <b>2019</b> , 126, 109-115	3.8	
118	Role of c-Jun terminal kinase (JNK) activation in influenza A virus-induced autophagy and replication. <i>Virology</i> , <b>2019</b> , 526, 1-12	3.6	20
117	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> , <b>2018</b> , 217, 158-166	3.3	17
116	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> , <b>2018</b> , 163, 947-960	2.6	9
115	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> , <b>2018</b> , 181, 201-212	3.9	9
114	Genetic analysis and biological characteristics of different internal gene origin H5N6 reassortment avian influenza virus in China in 2016. <i>Veterinary Microbiology</i> , <b>2018</b> , 219, 200-211	3.3	15
113	NDV entry into dendritic cells through macropinocytosis and suppression of T lymphocyte proliferation. <i>Virology</i> , <b>2018</b> , 518, 126-135	3.6	7

112	Evolution of H9N2 avian influenza virus in embryonated chicken eggs with or without homologous vaccine antibodies. <i>BMC Veterinary Research</i> , <b>2018</b> , 14, 71	2.7	8
111	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> , <b>2018</b> , 92,	6.6	67
110	Importin $\beta$ negatively regulates importin $\alpha$ -mediated nuclear import of Newcastle disease virus matrix protein and viral replication and pathogenicity in chicken fibroblasts. <i>Virulence</i> , <b>2018</b> , 9, 783-803	4.7	15
109	Characteristics of the emerging chicken-origin highly pathogenic H7N9 viruses: A new threat to public health and poultry industry. <i>Journal of Infection</i> , <b>2018</b> , 76, 217-220	18.9	24
108	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> , <b>2018</b> , 9, 1092-1111	4.7	4
107	Characterization of cattle-origin ticks from Southern China. <i>Acta Tropica</i> , <b>2018</b> , 187, 92-98	3.2	5
106	Effect of annexin II-mediated conversion of plasmin from plasminogen on airborne transmission of H9N2 avian influenza virus. <i>Veterinary Microbiology</i> , <b>2018</b> , 223, 100-106	3.3	7
105	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> , <b>2018</b> , 9, 455	5.7	10
104	The PA-interacting host protein nucleolin acts as an antiviral factor during highly pathogenic H5N1 avian influenza virus infection. <i>Archives of Virology</i> , <b>2018</b> , 163, 2775-2786	2.6	6
103	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> , <b>2018</b> , 65, 1459-1473	4.2	8
102	Deep Sequencing-Based Transcriptome Profiling Reveals Avian Interferon-Stimulated Genes and Provides Comprehensive Insight into Newcastle Disease Virus-Induced Host Responses. <i>Viruses</i> , <b>2018</b> , 10,	6.2	16
101	Identification, sequence analysis, and infectivity of H9N2 avian influenza viruses isolated from geese. <i>Journal of Veterinary Science</i> , <b>2018</b> , 19, 406-415	1.6	4
100	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> , <b>2018</b> , 65, 1757-1769	4.2	9
99	Genetic and biological characterization of two reassortant H5N2 avian influenza A viruses isolated from waterfowl in China in 2016. <i>Veterinary Microbiology</i> , <b>2018</b> , 224, 8-16	3.3	6
98	Design of an Intelligent Active Obstacle Avoidance Car Based on Rotating Ultrasonic Sensors <b>2018</b> ,		5
97	An RBFNN-Based Direct Inverse Controller for PMSM with Disturbances. <i>Complexity</i> , <b>2018</b> , 2018, 1-13	1.6	1
96	Ontogenetic development and redescription of <i>Eotetranychus kankitus</i> (Acariformes: Tetranychidae). <i>Zootaxa</i> , <b>2018</b> , 4540, 132-157	0.5	0
95	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> , <b>2018</b> , 77, 561-571	18.9	4



94	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> , <b>2018</b> , 163, 3365-3371	2.6	10
93	Development of a Colloidal Gold-Based Immunochromatographic Strip for Rapid Detection of H7N9 Influenza Viruses. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 2069	5.7	17
92	Down-Regulation of SSSII-2 Gene Expression Results in Novel Low-Amylose Rice with Soft, Transparent Grains. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 9750-9760	5.7	13
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89	Genetic and biological characterization of H9N2 avian influenza viruses isolated in China from 2011 to 2014. <i>PLoS ONE</i> , <b>2018</b> , 13, e0199260	3.7	16
88	PA-X: a key regulator of influenza A virus pathogenicity and host immune responses. <i>Medical Microbiology and Immunology</i> , <b>2018</b> , 207, 255-269	4	17
87	Virulence traits and pathogenicity of uropathogenic Escherichia coli isolates with common and uncommon O serotypes. <i>Microbial Pathogenesis</i> , <b>2017</b> , 104, 217-224	3.8	9
86	Newcastle disease virus-like particles induce DC maturation through TLR4/NF- $\kappa$ B pathway and facilitate DC migration by CCR7-CCL19/CCL21 axis. <i>Veterinary Microbiology</i> , <b>2017</b> , 203, 158-166	3.3	18
85	Contribution of the csgA and bcsA genes to Salmonella enterica serovar Pullorum biofilm formation and virulence. <i>Avian Pathology</i> , <b>2017</b> , 46, 541-547	2.4	16
84	Genetic diversity of the genotype VII Newcastle disease virus: identification of a novel VIIj sub-genotype. <i>Virus Genes</i> , <b>2017</b> , 53, 63-70	2.3	16
83	Identification and pathotypical analysis of a novel VIk sub-genotype Newcastle disease virus obtained from pigeon in China. <i>Virus Research</i> , <b>2017</b> , 238, 1-7	6.4	11
82	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> , <b>2017</b> , 48, 7	3.8	9
81	Newcastle disease virus-like particles induce dendritic cell maturation and enhance viral-specific immune response. <i>Virus Genes</i> , <b>2017</b> , 53, 555-564	2.3	4
80	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> , <b>2017</b> , 206, 125-147	4	9
79	Developmental changes in digestive enzyme activity in American shad, <i>Alosa sapidissima</i> , during early ontogeny. <i>Fish Physiology and Biochemistry</i> , <b>2017</b> , 43, 397-409	2.7	8
78	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> , <b>2017</b> , 35, 6585-6590	4.1	26
77	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> , <b>2017</b> , 7, 13455	4.9	2

76	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> , <b>2017</b> , 12, e0178634	3.7	12
75	Synergistic effect of PB2 283M and 526R contributes to enhanced virulence of H5N8 influenza viruses in mice. <i>Veterinary Research</i> , <b>2017</b> , 48, 67	3.8	10
74	Phylogenetic, antigenic and biological characterization of pigeon paramyxovirus type 1 circulating in China. <i>Virology Journal</i> , <b>2017</b> , 14, 186	6.1	16
73	Current situation of H9N2 subtype avian influenza in China. <i>Veterinary Research</i> , <b>2017</b> , 48, 49	3.8	85
72	Glycosylation at 11Asn on hemagglutinin of H5N1 influenza virus contributes to its biological characteristics. <i>Veterinary Research</i> , <b>2017</b> , 48, 81	3.8	11
71	Epidemiology, Evolution, and Pathogenesis of H7N9 Influenza Viruses in Five Epidemic Waves since 2013 in China. <i>Trends in Microbiology</i> , <b>2017</b> , 25, 713-728	12.4	151
70	The virulence factor PA protein of highly pathogenic H5N1 avian influenza virus inhibits NF- $\kappa$ B transcription in vitro. <i>Archives of Virology</i> , <b>2017</b> , 162, 3517-3522	2.6	2
69	Novel Reassortant H3N2 Avian Influenza Virus Isolated from Domestic Ducks in Eastern China in 2016. <i>Genome Announcements</i> , <b>2017</b> , 5,		3
68	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> , <b>2017</b> , 162, 235-246	2.6	12
67	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> , <b>2017</b> , 9,	6.2	12
66	Efficacy of Live-Attenuated H9N2 Influenza Vaccine Candidates Containing NS1 Truncations against H9N2 Avian Influenza Viruses. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 1086	5.7	8
65	Antibody Immunity Induced by H7N9 Avian Influenza Vaccines: Evaluation Criteria, Affecting Factors, and Implications for Rational Vaccine Design. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 1898	5.7	11
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63	DNA microarray-mediated transcriptional profiling of avian pathogenic Escherichia coli O2 strain E058 during its infection of chicken. <i>Microbial Pathogenesis</i> , <b>2016</b> , 100, 1-9	3.8	7
62	Characterization of virulent Newcastle disease viruses from vaccinated chicken flocks in Eastern China. <i>BMC Veterinary Research</i> , <b>2016</b> , 12, 113	2.7	20
61	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> , <b>2016</b> , 205, 381-95	4	20
60	On the rejection of internal and external disturbances in a wind energy conversion system with direct-driven PMSG. <i>ISA Transactions</i> , <b>2016</b> , 61, 95-103	5.5	43
59	Characterization of clade 2.3.4.4 highly pathogenic H5 avian influenza viruses in ducks and chickens. <i>Veterinary Microbiology</i> , <b>2016</b> , 182, 116-22	3.3	51

58	Cross-clade protective immune responses of NS1-truncated live attenuated H5N1 avian influenza vaccines. <i>Vaccine</i> , <b>2016</b> , 34, 350-7	4.1	16
57	Phylogenetic and biological characterization of three K1203 (H5N8)-like avian influenza A virus reassortants in China in 2014. <i>Archives of Virology</i> , <b>2016</b> , 161, 289-302	2.6	20
56	Immunopotentiators Improve the Efficacy of Oil-Emulsion-Inactivated Avian Influenza Vaccine in Chickens, Ducks and Geese. <i>PLoS ONE</i> , <b>2016</b> , 11, e0156573	3.7	6
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54	Complete Genome Sequences of Two Subgenotype 1b Newcastle Disease Viruses Isolated from Sansui Sheldrake Ducks in Guizhou, China. <i>Genome Announcements</i> , <b>2016</b> , 4,		2
53	A combined control strategy of wind energy conversion system with direct-driven PMSG <b>2016</b> ,		4
52	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> , <b>2016</b> , 161, 1949-55	2.6	2
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50	Characteristics of two highly pathogenic avian influenza H5N8 viruses with different pathogenicity in mice. <i>Archives of Virology</i> , <b>2016</b> , 161, 3365-3374	2.6	9
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48	RstA is required for the virulence of an avian pathogenic Escherichia coli O2 strain E058. <i>Infection, Genetics and Evolution</i> , <b>2015</b> , 29, 180-8	4.5	14
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44	Identification and characterization of a novel antigenic epitope in the hemagglutinin of the escape mutants of H9N2 avian influenza viruses. <i>Veterinary Microbiology</i> , <b>2015</b> , 178, 144-9	3.3	19
43	Adaptive mutations in PB2 gene contribute to the high virulence of a natural reassortant H5N2 avian influenza virus in mice. <i>Virus Research</i> , <b>2015</b> , 210, 255-63	6.4	10
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41	Toxicity of new emerging pollutant tris-(2,3-dibromopropyl) isocyanurate on BALB/c mice. <i>Journal of Applied Toxicology</i> , <b>2015</b> , 35, 375-82	4.1	13

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37	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> , <b>2015</b> , 96, 2036-2049	4.9	46
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35	Novel reassortant H5N5 viruses bind to a human-type receptor as a factor in pandemic risk. <i>Veterinary Microbiology</i> , <b>2015</b> , 175, 356-61	3.3	7
34	Hemagglutinin glycosylation modulates the pathogenicity and antigenicity of the H5N1 avian influenza virus. <i>Veterinary Microbiology</i> , <b>2015</b> , 175, 244-56	3.3	36
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30	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> , <b>2014</b> , 208, 90-5	2.6	3
29	Autologous tumor vaccine modified with recombinant new castle disease virus expressing IL-7 promotes antitumor immune response. <i>Journal of Immunology</i> , <b>2014</b> , 193, 735-45	5.3	19
28	Adaptation of a natural reassortant H5N2 avian influenza virus in mice. <i>Veterinary Microbiology</i> , <b>2014</b> , 172, 568-74	3.3	16
27	Molecular mechanism of the airborne transmissibility of H9N2 avian influenza A viruses in chickens. <i>Journal of Virology</i> , <b>2014</b> , 88, 9568-78	6.6	38
26	RBFNDOB-based neural network inverse control for non-minimum phase MIMO system with disturbances. <i>ISA Transactions</i> , <b>2014</b> , 53, 983-93	5.5	18
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21	The antigenic drift molecular basis of the H5N1 influenza viruses in a novel branch of clade 2.3.4. <i>Veterinary Microbiology</i> , <b>2014</b> , 171, 23-30	3.3	13
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19	Occurrence of chloramphenicol-resistance genes as environmental pollutants from swine feedlots. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 2892-7	10.3	86
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17	Characterisation and haemagglutinin gene epitope mapping of a variant strain of H5N1 subtype avian influenza virus. <i>Veterinary Microbiology</i> , <b>2013</b> , 162, 614-622	3.3	8
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13	Roles of the spiA gene from Salmonella enteritidis in biofilm formation and virulence. <i>Microbiology (United Kingdom)</i> , <b>2011</b> , 157, 1798-1805	2.9	26
12	Genetic diversity of Newcastle disease viruses isolated from domestic poultry species in Eastern China during 2005-2008. <i>Archives of Virology</i> , <b>2011</b> , 156, 253-61	2.6	34
11	Toxicity of the brominated flame retardant tris-(2,3-dibromopropyl) isocyanurate in zebrafish ( <i>Danio rerio</i> ). <i>Science Bulletin</i> , <b>2011</b> , 56, 1548-1555		29
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7	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> , <b>2009</b> , 38, 377-91	2.4	48
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