

Ming Liao

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189
papers

2,220
citations

21
h-index

37
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194
ext. papers

3,060
ext. citations

6.6
avg, IF

5.19
L-index

#	Paper	IF	Citations
189	A microfluidic colorimetric biosensor for rapid detection of Escherichia coli O157:H7 using gold nanoparticle aggregation and smart phone imaging. <i>Biosensors and Bioelectronics</i> , 2019 , 124-125, 143-149	11.8	151
188	PB2-588 V promotes the mammalian adaptation of H10N8, H7N9 and H9N2 avian influenza viruses. <i>Scientific Reports</i> , 2016 , 6, 19474	4.9	88
187	Autophagy enhances the replication of classical swine fever virus in vitro. <i>Autophagy</i> , 2014 , 10, 93-110	10.2	88
186	A microfluidic biosensor for online and sensitive detection of Salmonella typhimurium using fluorescence labeling and smartphone video processing. <i>Biosensors and Bioelectronics</i> , 2019 , 140, 111333	11.8	83
185	Emergence and Adaptation of a Novel Highly Pathogenic H7N9 Influenza Virus in Birds and Humans from a 2013 Human-Infecting Low-Pathogenic Ancestor. <i>Journal of Virology</i> , 2018 , 92,	6.6	72
184	Highly Prevalent Multidrug-Resistant From Chicken and Pork Meat at Retail Markets in Guangdong, China. <i>Frontiers in Microbiology</i> , 2018 , 9, 2104	5.7	61
183	Detection of expression of influenza virus receptors in tissues of BALB/c mice by histochemistry. <i>Veterinary Research Communications</i> , 2009 , 33, 895-903	2.9	58
182	Absence of autophagy promotes apoptosis by modulating the ROS-dependent RLR signaling pathway in classical swine fever virus-infected cells. <i>Autophagy</i> , 2016 , 12, 1738-1758	10.2	53
181	CRISPR/Cas12a technology combined with immunochromatographic strips for portable detection of African swine fever virus. <i>Communications Biology</i> , 2020 , 3, 62	6.7	45
180	First evidence of H10N8 Avian influenza virus infections among feral dogs in live poultry markets in Guangdong province, China. <i>Clinical Infectious Diseases</i> , 2014 , 59, 748-50	11.6	41
179	Update on the pathogenesis of Haemophilus parasuis infection and virulence factors. <i>Veterinary Microbiology</i> , 2014 , 168, 1-7	3.3	37
178	The PI3K/Akt pathway is involved in early infection of some exogenous avian leukosis viruses. <i>Journal of General Virology</i> , 2011 , 92, 1688-1697	4.9	34
177	Saikosaponin A inhibits influenza A virus replication and lung immunopathology. <i>Oncotarget</i> , 2015 , 6, 42541-56	3.3	34
176	Mutation tryptophan to leucine at position 222 of haemagglutinin could facilitate H3N2 influenza A virus infection in dogs. <i>Journal of General Virology</i> , 2013 , 94, 2599-2608	4.9	32
175	Pathogenicity and transmission of H5N1 avian influenza viruses in different birds. <i>Veterinary Microbiology</i> , 2014 , 168, 50-9	3.3	31
174	Complete genome sequence of a novel porcine epidemic diarrhea virus in south China. <i>Journal of Virology</i> , 2012 , 86, 10248-9	6.6	31
173	Rapid detection of Salmonella Typhimurium using magnetic nanoparticle immunoseparation, nanocluster signal amplification and smartphone image analysis. <i>Sensors and Actuators B: Chemical</i> , 2019 , 284, 134-139	8.5	27

172	BacMam virus-based surface display of the infectious bronchitis virus (IBV) S1 glycoprotein confers strong protection against virulent IBV challenge in chickens. <i>Vaccine</i> , 2014 , 32, 664-70	4.1	25
171	Enhanced adherence to and invasion of PUVeC and PK-15 cells due to the overexpression of RfaD, ThyA and Mip in the BmpP2 mutant of Haemophilus parasuis SC096 strain. <i>Veterinary Microbiology</i> , 2013 , 162, 713-723	3.3	25
170	An Acid-Responsive Microfluidic Salmonella Biosensor Using Curcumin as Signal Reporter and ZnO-Capped Mesoporous Silica Nanoparticles for Signal Amplification. <i>Sensors and Actuators B: Chemical</i> , 2020 , 312, 127958	8.5	21
169	Development of Serotype-Specific PCR Assays for Typing of Haemophilus parasuis Isolates Circulating in Southern China. <i>Journal of Clinical Microbiology</i> , 2017 , 55, 3249-3257	9.7	21
168	Newcastle disease virus-induced autophagy mediates antiapoptotic signaling responses and. <i>Oncotarget</i> , 2017 , 8, 73981-73993	3.3	21
167	Subgroup J avian leukosis virus infection of chicken dendritic cells induces apoptosis via the aberrant expression of microRNAs. <i>Scientific Reports</i> , 2016 , 6, 20188	4.9	21
166	Convergent Evolution of Human-Isolated H7N9 Avian Influenza A Viruses. <i>Journal of Infectious Diseases</i> , 2018 , 217, 1699-1707	7	20
165	Pathogenicity and transmissibility of three avian influenza A (H5N6) viruses isolated from wild birds. <i>Journal of Infection</i> , 2018 , 76, 286-294	18.9	20
164	Quantitative proteomics by amino acid labeling in foot-and-mouth disease virus (FMDV)-infected cells. <i>Journal of Proteome Research</i> , 2013 , 12, 363-77	5.6	20
163	Rapid evolving H7N9 avian influenza A viruses pose new challenge. <i>Journal of Infection</i> , 2019 , 78, 249-252	28.9	20
162	Evolving HA and PB2 genes of influenza A(H7N9) viruses in the fifth wave - Increasing threat to both birds and humans?. <i>Journal of Infection</i> , 2017 , 75, 184-186	18.9	19
161	New Reassortant H5N6 Highly Pathogenic Avian Influenza Viruses in Southern China, 2014. <i>Frontiers in Microbiology</i> , 2016 , 7, 754	5.7	19
160	A microfluidic immunosensor for visual detection of foodborne bacteria using immunomagnetic separation, enzymatic catalysis and distance indication. <i>Mikrochimica Acta</i> , 2019 , 186, 757	5.8	18
159	Biofilm formation in Haemophilus parasuis: relationship with antibiotic resistance, serotype and genetic typing. <i>Research in Veterinary Science</i> , 2014 , 97, 171-5	2.5	18
158	Biological Characterizations of H5Nx Avian Influenza Viruses Embodying Different Neuraminidases. <i>Frontiers in Microbiology</i> , 2017 , 8, 1084	5.7	18
157	An enzyme-free biosensor for sensitive detection of using curcumin as signal reporter and click chemistry for signal amplification. <i>Theranostics</i> , 2018 , 8, 6263-6273	12.1	18
156	Recombinant baculovirus vaccine containing multiple M2e and adjuvant LTB induces T cell dependent, cross-clade protection against H5N1 influenza virus in mice. <i>Vaccine</i> , 2016 , 34, 622-629	4.1	17
155	Immune responses of mature chicken bone-marrow-derived dendritic cells infected with Newcastle disease virus strains with differing pathogenicity. <i>Archives of Virology</i> , 2018 , 163, 1407-1417	2.6	16

154	New reassortant H5N8 highly pathogenic avian influenza virus from waterfowl in Southern China. <i>Frontiers in Microbiology</i> , 2015 , 6, 1170	5.7	16
153	Long-term Survival of SARS-CoV-2 on Salmon as a Source for International Transmission. <i>Journal of Infectious Diseases</i> , 2021 , 223, 537-539	7	16
152	High-levels of resistance to quinolone and cephalosporin antibiotics in MDR-ACSSuT Salmonella enterica serovar Enteritidis mainly isolated from patients and foods in Shanghai, China. <i>International Journal of Food Microbiology</i> , 2018 , 286, 190-196	5.8	16
151	Identification of the source of A (H10N8) virus causing human infection. <i>Infection, Genetics and Evolution</i> , 2015 , 30, 159-163	4.5	15
150	Recombinant chicken interferon-alpha inhibits the replication of exogenous avian leukosis virus (ALV) in DF-1 cells. <i>Molecular Immunology</i> , 2016 , 76, 62-9	4.3	15
149	Progress on chicken T cell immunity to viruses. <i>Cellular and Molecular Life Sciences</i> , 2019 , 76, 2779-2788	10.3	14
148	Exogenous avian leukosis virus-induced activation of the ERK/AP1 pathway is required for virus replication and correlates with virus-induced tumorigenesis. <i>Scientific Reports</i> , 2016 , 6, 19226	4.9	14
147	Phylogenetic Analysis and Pathogenicity Assessment of the Emerging Recombinant Subgroup K of Avian Leukosis Virus in South China. <i>Viruses</i> , 2018 , 10,	6.2	14
146	Potential Pandemic of H7N9 Avian Influenza A Virus in Human. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 414	5.9	14
145	Prevalence, Antimicrobial Resistance, Virulence Genes and Genetic Diversity of Isolated from Retail Duck Meat in Southern China. <i>Microorganisms</i> , 2020 , 8,	4.9	13
144	A colorimetric immunosensor for determination of foodborne bacteria using rotating immunomagnetic separation, gold nanorod indication, and click chemistry amplification. <i>Mikrochimica Acta</i> , 2020 , 187, 197	5.8	13
143	Development and application of a SYBR green real-time PCR for detection of the emerging avian leukosis virus subgroup K. <i>Poultry Science</i> , 2018 , 97, 2568-2574	3.9	13
142	The outer membrane protein P2 (OmpP2) of Haemophilus parasuis induces proinflammatory cytokine mRNA expression in porcine alveolar macrophages. <i>Veterinary Journal</i> , 2014 , 199, 461-4	2.5	13
141	Phenotypic Characteristics and Genetic Diversity of Salmonella enterica Serotype Derby Isolated from Human Patients and Foods of Animal Origin. <i>Foodborne Pathogens and Disease</i> , 2017 , 14, 593-599	3.8	13
140	Pathogenicity, Transmission and Antigenic Variation of H5N1 Highly Pathogenic Avian Influenza Viruses. <i>Frontiers in Microbiology</i> , 2016 , 7, 635	5.7	13
139	Diverse biological characteristics and varied virulence of H7N9 from Wave 5. <i>Emerging Microbes and Infections</i> , 2019 , 8, 94-102	18.9	12
138	Antimicrobial susceptibility, virulence gene profiles and molecular subtypes of Salmonella Newport isolated from humans and other sources. <i>Infection, Genetics and Evolution</i> , 2015 , 36, 294-299	4.5	12
137	Systematic Identification of Host Immune Key Factors Influencing Viral Infection in PBL of ALV-J Infected SPF Chicken. <i>Viruses</i> , 2020 , 12,	6.2	12

136	Infection of chicken bone marrow mononuclear cells with subgroup J avian leukosis virus inhibits dendritic cell differentiation and alters cytokine expression. <i>Infection, Genetics and Evolution</i> , 2016 , 44, 130-136	4.5	12
135	H7N9 Avian Influenza Virus Is Efficiently Transmissible and Induces an Antibody Response in Chickens. <i>Frontiers in Immunology</i> , 2018 , 9, 789	8.4	12
134	Immune Responses of Chickens Infected with Wild Bird-Origin H5N6 Avian Influenza Virus. <i>Frontiers in Microbiology</i> , 2017 , 8, 1081	5.7	12
133	Expression pattern of NLRP3 and its related cytokines in the lung and brain of avian influenza virus H9N2 infected BALB/c mice. <i>Virology Journal</i> , 2014 , 11, 229	6.1	12
132	Genetic diversity, phylogeography, and evolutionary dynamics of highly pathogenic avian influenza A (H5N6) viruses. <i>Virus Evolution</i> , 2020 , 6, veaa079	3.7	12
131	Pathogenicity and transmission of a swine influenza A(H6N6) virus. <i>Emerging Microbes and Infections</i> , 2017 , 6, e17	18.9	11
130	Combining impedance biosensor with immunomagnetic separation for rapid screening of Salmonella in poultry supply chains. <i>Poultry Science</i> , 2020 , 99, 1606-1614	3.9	11
129	Goose toll-like receptor 3 (TLR3) mediated IFN- γ and IL-6 in anti-H5N1 avian influenza virus response. <i>Veterinary Immunology and Immunopathology</i> , 2018 , 197, 31-38	2	11
128	New "One Health" strategies needed for detection and control of emerging pathogens at Cantonese live animal markets, China. <i>Clinical Infectious Diseases</i> , 2014 , 59, 1194-7	11.6	11
127	Spillover of Newcastle disease viruses from poultry to wild birds in Guangdong province, southern China. <i>Infection, Genetics and Evolution</i> , 2017 , 55, 199-204	4.5	11
126	Two Glycosyltransferase Genes of SC096 Implicated in Lipooligosaccharide Biosynthesis, Serum Resistance, Adherence, and Invasion. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016 , 6, 100	5.9	11
125	Molecular epidemiology and antimicrobial resistance of invasive non-typhoidal in China, 2007-2016. <i>Infection and Drug Resistance</i> , 2019 , 12, 2885-2897	4.2	10
124	The continuous evolution and dissemination of 2019 novel human coronavirus. <i>Journal of Infection</i> , 2020 , 80, 671-693	18.9	10
123	Ciprofloxacin-Resistant Serovar Kentucky ST198 in Broiler Chicken Supply Chain and Patients, China, 2010-2016. <i>Microorganisms</i> , 2020 , 8,	4.9	10
122	Increasing the potential ability of human infections in H5N6 avian influenza A viruses. <i>Journal of Infection</i> , 2018 , 77, 349-356	18.9	10
121	Genetic characteristics, pathogenicity and transmission of H5N6 highly pathogenic avian influenza viruses in Southern China. <i>Transboundary and Emerging Diseases</i> , 2019 , 66, 2411-2425	4.2	10
120	Evolution and Antigenic Drift of Influenza A (H7N9) Viruses, China, 2017-2019. <i>Emerging Infectious Diseases</i> , 2020 , 26, 1906-1911	10.2	10
119	Evolutionary dynamics of avian influenza A H7N9 virus across five waves in mainland China, 2013-2017. <i>Journal of Infection</i> , 2018 , 77, 205-211	18.9	10

118	PB2 segment promotes high-pathogenicity of H5N1 avian influenza viruses in mice. <i>Frontiers in Microbiology</i> , 2015 , 6, 73	5.7	9
117	Insights into the cross-species evolution of 2019 novel coronavirus. <i>Journal of Infection</i> , 2020 , 80, 671-698.	3.9	9
116	Avian Influenza A Virus Polymerase Recruits Cellular RNA Helicase eIF4A3 to Promote Viral mRNA Splicing and Spliced mRNA Nuclear Export. <i>Frontiers in Microbiology</i> , 2019 , 10, 1625	5.7	9
115	Rapid identification of H5 avian influenza virus in chicken throat swab specimens using microfluidic real-time RT-PCR. <i>Analytical Methods</i> , 2014 , 6, 2628	3.2	9
114	Pathogenicity and transmissibility of a highly pathogenic avian influenza virus H5N6 isolated from a domestic goose in Southern China. <i>Veterinary Microbiology</i> , 2017 , 212, 16-21	3.3	9
113	D701N mutation in the PB2 protein contributes to the pathogenicity of H5N1 avian influenza viruses but not transmissibility in guinea pigs. <i>Frontiers in Microbiology</i> , 2014 , 5, 642	5.7	9
112	The innate immunity of guinea pigs against highly pathogenic avian influenza virus infection. <i>Oncotarget</i> , 2017 , 8, 30422-30437	3.3	9
111	Detection of a novel highly pathogenic H7 influenza virus by duplex real-time reverse transcription polymerase chain reaction. <i>Journal of Virological Methods</i> , 2017 , 246, 100-103	2.6	8
110	Human infections with avian influenza viruses in mainland China: A particular risk for southeastern China. <i>Journal of Infection</i> , 2017 , 75, 274-276	18.9	8
109	Fourth Generation Cephalosporin Resistance Among Serovar Enteritidis Isolates in Shanghai, China Conferred by Harboring Plasmids. <i>Frontiers in Microbiology</i> , 2020 , 11, 910	5.7	8
108	Turtles as a Possible Reservoir of Nontyphoidal Salmonella in Shanghai, China. <i>Foodborne Pathogens and Disease</i> , 2016 , 13, 428-33	3.8	8
107	Human infection with an avian-origin influenza A (H7N4) virus in Jiangsu: A potential threat to China. <i>Journal of Infection</i> , 2018 , 77, 249-257	18.9	8
106	Biosensing methods for the detection of highly pathogenic avian influenza H5N1 and H7N9 viruses. <i>Analytical Methods</i> , 2017 , 9, 5238-5248	3.2	8
105	ALV-J infection induces chicken monocyte death accompanied with the production of IL-1 β and IL-18. <i>Oncotarget</i> , 2017 , 8, 99889-99900	3.3	8
104	Anti-SARS-CoV-2 IgY Isolated from Egg Yolks of Hens Immunized with Inactivated SARS-CoV-2 for Immunoprophylaxis of COVID-19. <i>Virologica Sinica</i> , 2021 , 36, 1080-1082	6.4	8
103	Reassortment of Avian Influenza A/H6N6 Viruses from Live Poultry Markets in Guangdong, China. <i>Frontiers in Microbiology</i> , 2016 , 7, 65	5.7	8
102	Newcastle disease virus RNA-induced IL-1 β expression via the NLRP3/caspase-1 inflammasome. <i>Veterinary Research</i> , 2020 , 51, 53	3.8	8
101	Phylogenetic analyses of class I Newcastle disease virus isolated in China. <i>Transboundary and Emerging Diseases</i> , 2021 , 68, 1294-1304	4.2	8

100	Genomic evolution, transmission dynamics, and pathogenicity of avian influenza A (H5N8) viruses emerging in China, 2020. <i>Virus Evolution</i> , 2021 , 7, veab046	3.7	8
99	Genetic characterization of fowl adenovirus serotype 4 isolates in Southern China reveals potential cross-species transmission. <i>Infection, Genetics and Evolution</i> , 2019 , 75, 103928	4.5	7
98	Therapeutic Effect of Duck Interferon-Alpha Against H5N1 Highly Pathogenic Avian Influenza Virus Infection in Peking Ducks. <i>Journal of Interferon and Cytokine Research</i> , 2018 , 38, 145-152	3.5	7
97	Expression of inflammation-related genes in the lung of BALB/c mice response to H7N9 influenza A virus with different pathogenicity. <i>Medical Microbiology and Immunology</i> , 2016 , 205, 501-9	4	7
96	Immune-Related Gene Expression in Ducks Infected With Waterfowl-Origin H5N6 Highly Pathogenic Avian Influenza Viruses. <i>Frontiers in Microbiology</i> , 2019 , 10, 1782	5.7	7
95	Continuous Reassortment of Clade 2.3.4.4 H5N6 Highly Pathogenetic Avian Influenza Viruses Demonstrating High Risk to Public Health. <i>Pathogens</i> , 2020 , 9,	4.5	7
94	SOCS3 control the activity of NF- κ B induced by HSP70 via degradation of MyD88-adaptor-like protein (Mal) in IPEC-J2 cells. <i>International Journal of Hyperthermia</i> , 2019 , 36, 151-159	3.7	7
93	Quantitative Proteomics Reveals Changes in Vero Cells in Response to Porcine Epidemic Diarrhea Virus. <i>Journal of Proteome Research</i> , 2019 , 18, 1623-1633	5.6	6
92	Modeling the Reduction of spp. on Chicken Breasts and Wingettes during Scalding for QMRA of the Poultry Supply Chain in China. <i>Microorganisms</i> , 2019 , 7,	4.9	6
91	Phylogeny, Pathogenicity, and Transmission of H5N1 Avian Influenza Viruses in Chickens. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 328	5.9	6
90	Identification and functional characterization of Toll-like receptor 2-1 in geese. <i>BMC Veterinary Research</i> , 2015 , 11, 108	2.7	6
89	Variation and Molecular Basis for Enhancement of Receptor Binding of H9N2 Avian Influenza Viruses in China Isolates. <i>Frontiers in Microbiology</i> , 2020 , 11, 602124	5.7	6
88	Insights into Genomic Epidemiology, Evolution, and Transmission Dynamics of Genotype VII of Class II Newcastle Disease Virus in China. <i>Pathogens</i> , 2020 , 9,	4.5	6
87	Coimmunization with recombinant epitope-expressing baculovirus enhances protective effects of inactivated H5N1 vaccine against heterologous virus. <i>Veterinary Microbiology</i> , 2017 , 203, 143-148	3.3	5
86	Plasmid-Encoded Gene That Confers High-Level Carbapenem Resistance in Typhimurium of Pork Origin. <i>Infection and Drug Resistance</i> , 2020 , 13, 1485-1490	4.2	5
85	Systematic identification of chicken type I, II and III interferon-stimulated genes. <i>Veterinary Research</i> , 2020 , 51, 70	3.8	5
84	Wild bird-origin H5N6 avian influenza virus is transmissible in guinea pigs. <i>Journal of Infection</i> , 2020 , 80, e20-e22	18.9	5
83	Dynamic analysis of expression of chemokine and cytokine gene responses to H5N1 and H9N2 avian influenza viruses in DF-1 cells. <i>Microbiology and Immunology</i> , 2018 , 62, 327-340	2.7	5

82	The genetic and phylogenetic analysis of a highly pathogenic influenza A H5N6 virus from a heron, southern China, 2013. <i>Infection, Genetics and Evolution</i> , 2018 , 59, 72-74	4.5	5
81	The Appropriate Combination of Hemagglutinin and Neuraminidase Prompts the Predominant H5N6 Highly Pathogenic Avian Influenza Virus in Birds. <i>Frontiers in Microbiology</i> , 2018 , 9, 1088	5.7	5
80	The evolutionary dynamics of H1N1/pdm2009 in India. <i>Infection, Genetics and Evolution</i> , 2018 , 65, 276-282	4.5	5
79	Adaptive Evolution of Human-Isolated H5Nx Avian Influenza A Viruses. <i>Frontiers in Microbiology</i> , 2019 , 10, 1328	5.7	5
78	Genetic, Molecular, and Pathogenic Characterization of the H9N2 Avian Influenza Viruses Currently Circulating in South China. <i>Viruses</i> , 2019 , 11,	6.2	5
77	Role of <i>acrAB</i> in antibiotic resistance of <i>Haemophilus parasuis</i> serovar 4. <i>Veterinary Journal</i> , 2014 , 202, 191-4	2.5	5
76	Rapid detection of enrofloxacin using a localized surface plasmon resonance sensor based on polydopamine molecular imprinted recognition polymer. <i>Journal of Food Measurement and Characterization</i> , 2021 , 15, 3376-3386	2.8	5
75	Transcriptome Analysis Reveals the Neuro-Immune Interactions in Duck Tembusu Virus-Infected Brain. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
74	Comparative analysis of key immune protection factors in H9N2 avian influenza viruses infected and immunized specific pathogen-free chicken. <i>Poultry Science</i> , 2021 , 100, 39-46	3.9	5
73	Inhibition of ERK/MAPK suppresses avian leukosis virus subgroup A and B replication. <i>Microbial Pathogenesis</i> , 2017 , 102, 29-35	3.8	4
72	Evolutionary Dynamics and Age-Dependent Pathogenesis of Sub-Genotype VI.2.1.1.2.2 PPMV-1 in Pigeons. <i>Viruses</i> , 2020 , 12,	6.2	4
71	Antimicrobial Susceptibility and Molecular Typing of <i>Salmonella</i> Senftenberg Isolated from Humans and Other Sources in Shanghai, China, 2005 to 2011. <i>Journal of Food Protection</i> , 2017 , 80, 146-150	2.5	4
70	Genetic diversity and dissemination pathways of highly pathogenic H5N6 avian influenza viruses from birds in Southwestern China along the East Asian-Australian migration flyway. <i>Journal of Infection</i> , 2018 , 76, 418-422	18.9	4
69	H9N2 avian influenza virus-derived natural reassortant H5N2 virus in swan containing the hemagglutinin segment from Eurasian H5 avian influenza virus with an in-frame deletion of four basic residues in the polybasic hemagglutinin cleavage site. <i>Infection, Genetics and Evolution</i> , 2016 , 40, 17-20	4.5	4
68	A Novel Antigenic Drift of Avian Influenza A(H7N9) Virus in Poultry, China, 2018. <i>Journal of Infectious Diseases</i> , 2019 , 220, 723-725	7	4
67	Modeling the Reduction and Cross-Contamination of in Poultry Chilling Process in China. <i>Microorganisms</i> , 2019 , 7,	4.9	4
66	Phylogeny, Pathogenicity, Transmission, and Host Immune Responses of Four H5N6 Avian Influenza Viruses in Chickens and Mice. <i>Viruses</i> , 2019 , 11,	6.2	4
65	Real-time fluorescence loop-mediated isothermal amplification for the diagnosis of hemorrhagic enteritis virus. <i>Virus Research</i> , 2014 , 183, 50-5	6.4	4

64	Either or , Which Encode acyl-CoA Synthetase, Is Essential for the Survival of SC096. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 72	5.9	4
63	A finger-actuated microfluidic biosensor for colorimetric detection of foodborne pathogens.. <i>Food Chemistry</i> , 2021 , 381, 131801	8.5	4
62	A lab-on-a-tube biosensor for automatic detection of foodborne bacteria using rotated Halbach magnetic separation and Raspberry Pi imaging. <i>Talanta</i> , 2021 , 239, 123095	6.2	4
61	Rapid Emergence of Florfenicol-Resistant Invasive Non-Typhoidal in China: A Potential Threat to Public Health. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019 , 101, 1282-1285	3.2	4
60	Proteome Analysis in PAM Cells Reveals That African Swine Fever Virus Can Regulate the Level of Intracellular Polyamines to Facilitate Its Own Replication through ARG1. <i>Viruses</i> , 2021 , 13,	6.2	4
59	Competitive activation cross amplification combined with smartphone-based quantification for point-of-care detection of single nucleotide polymorphism. <i>Biosensors and Bioelectronics</i> , 2021 , 183, 113200	11.8	4
58	Phylogenetic analysis of infectious bronchitis virus circulating in southern China in 2016-2017 and evaluation of an attenuated strain as a vaccine candidate. <i>Archives of Virology</i> , 2021 , 166, 73-81	2.6	4
57	Avian influenza H10 subtype viruses continuously pose threat to public health in China. <i>Journal of Infection</i> , 2021 , 83, 607-635	18.9	4
56	The codon usage bias of avian influenza A viruses. <i>Journal of Infection</i> , 2019 , 79, 174-187	18.9	3
55	High Pathogenicity of Influenza A (H10N8) Virus in Mice. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015 , 93, 1360-3	3.2	3
54	A rapid novel visualized loop-mediated isothermal amplification method for Salmonella detection targeting at fimW gene. <i>Poultry Science</i> , 2020 , 99, 3637-3642	3.9	3
53	Duck PIAS2 negatively regulates RIG-I mediated IFN- β production by interacting with IRF7. <i>Developmental and Comparative Immunology</i> , 2020 , 108, 103664	3.2	3
52	Duck PIAS2 Promotes H5N1 Avian Influenza Virus Replication Through Its SUMO E3 Ligase Activity. <i>Frontiers in Microbiology</i> , 2020 , 11, 1246	5.7	3
51	COP9 signalosome subunit 6 binds and inhibits avian leukosis virus integrase. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 453, 527-32	3.4	3
50	Duck-origin H5N6 avian influenza viruses induce different pathogenic and inflammatory effects in mice. <i>Transboundary and Emerging Diseases</i> , 2021 , 68, 3509-3518	4.2	3
49	Impedance Immunosensor Based on Interdigitated Array Microelectrodes for Rapid Detection of Avian Influenza Virus Subtype H5. <i>Sensor Letters</i> , 2013 , 11, 1256-1260	0.9	3
48	Antimicrobial resistance and molecular characterization of Salmonella enterica serovar Corvallis isolated from human patients and animal source foods in China. <i>International Journal of Food Microbiology</i> , 2020 , 335, 108859	5.8	3
47	New molecular evolutionary characteristics of H9N2 avian influenza virus in Guangdong Province, China. <i>Infection, Genetics and Evolution</i> , 2020 , 77, 104064	4.5	3

46	Phylogeny, pathogenicity and transmissibility of a genotype XII Newcastle disease virus in chicken and goose. <i>Transboundary and Emerging Diseases</i> , 2020 , 67, 159-170	4.2	3
45	A quantitative risk assessment model of Salmonella contamination for the yellow-feathered broiler chicken supply chain in China. <i>Food Control</i> , 2021 , 121, 107612	6.2	3
44	A new nairo-like virus associated with human febrile illness in China. <i>Emerging Microbes and Infections</i> , 2021 , 10, 1200-1208	18.9	3
43	Highly prevalent multidrug resistance and QRDR mutations in Salmonella isolated from chicken, pork and duck meat in Southern China, 2018-2019. <i>International Journal of Food Microbiology</i> , 2021 , 340, 109055	5.8	3
42	Ubiquitination of non-lysine residues in the retroviral integrase. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 494, 57-62	3.4	2
41	Characterization of three H3N2 and one new reassortant H3N8 avian influenza virus in South China. <i>Infection, Genetics and Evolution</i> , 2019 , 75, 104016	4.5	2
40	Continuous adaptation of the HA and NA gene of H3N2 subtypes of avian influenza virus in South China, 2017-2018. <i>Journal of Infection</i> , 2019 , 79, 61-74	18.9	2
39	Different Pathogenicity and Transmissibility of Goose-Origin H5N6 Avian Influenza Viruses in Chickens. <i>Viruses</i> , 2019 , 11,	6.2	2
38	A highly pathogenic porcine reproductive and respiratory syndrome virus candidate vaccine based on Japanese encephalitis virus replicon system. <i>PeerJ</i> , 2017 , 5, e3514	3.1	2
37	Japanese encephalitis virus manipulates lysosomes membrane for RNA replication and utilizes autophagy components for intracellular growth. <i>Veterinary Microbiology</i> , 2021 , 255, 109025	3.3	2
36	A one-step closed-tube enzyme-activated blocked probe assay based on SNP for rapid detection of Salmonella Pullorum. <i>Poultry Science</i> , 2021 , 100, 1059-1067	3.9	2
35	A risk marker of tribasic hemagglutinin cleavage site in influenza A (H9N2) virus. <i>Communications Biology</i> , 2021 , 4, 71	6.7	2
34	Emergence of one novel reassortment H3N8 avian influenza virus in China, originating from North America and Eurasia. <i>Infection, Genetics and Evolution</i> , 2021 , 91, 104782	4.5	2
33	Rapid evolution and gene communication of H3N2 and H1N1 influenza a viruses. <i>Journal of Infection</i> , 2019 , 78, 491-503	18.9	1
32	Can cats become infected with Covid-19?. <i>Veterinary Record</i> , 2020 , 186, e20	0.9	1
31	Duck TRIM32 Functions in IFN- β Signaling Against the Infection of H5N6 Highly Pathogenic Avian Influenza Virus. <i>Frontiers in Immunology</i> , 2020 , 11, 377	8.4	1
30	Host Innate Immune Response of Geese Infected with Clade 2.3.4.4 H5N6 Highly Pathogenic Avian Influenza Viruses. <i>Microorganisms</i> , 2020 , 8,	4.9	1
29	Survivability of highly pathogenic avian influenza virus on raw chicken meat in different environmental conditions.. <i>Lancet Microbe, The</i> , 2022 , 3, e92	22.2	1

28	Infectious Bronchitis Virus Infection Increases Pathogenicity of H9N2 Avian Influenza Virus by Inducing Severe Inflammatory Response.. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 824179	3.1	1
27	The Transcriptional Differences of Avian CD4CD8 Double-Positive T Cells and CD8 T Cells From Peripheral Blood of ALV-J Infected Chickens Revealed by Smart-Seq2. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 747094	5.9	1
26	Buffalo-Origin Seneca Valley Virus in China: First Report, Isolation, Genome Characterization, and Evolution Analysis. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 730701	3.1	1
25	Rapid detection of SARS-CoV-2, replicating or non-replicating, using RT-PCR. <i>International Journal of Infectious Diseases</i> , 2021 , 104, 471-473	10.5	1
24	Molecular Characteristics, Antigenicity, Pathogenicity, and Zoonotic Potential of a H3N2 Canine Influenza Virus Currently Circulating in South China. <i>Frontiers in Microbiology</i> , 2021 , 12, 628979	5.7	1
23	The PB2 co-adaptation of H10N8 avian influenza virus increases the pathogenicity to chickens and mice. <i>Transboundary and Emerging Diseases</i> , 2021 ,	4.2	1
22	Pathogenicity and transmissibility of current H3N2 swine influenza virus in Southern China: A zoonotic potential. <i>Transboundary and Emerging Diseases</i> , 2021 ,	4.2	1
21	A Novel H1N2 Influenza Virus Related to the Classical and Human Influenza Viruses from Pigs in Southern China. <i>Frontiers in Microbiology</i> , 2016 , 7, 1068	5.7	1
20	3RUTR SL-IV and DB1 Regions Contribute to Japanese Encephalitis Virus Replication and Pathogenicity. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 703147	3.1	1
19	Real-Time Visualization of the Infection and Replication of a Mouse-Lethal Recombinant H9N2 Avian Influenza Virus.. <i>Frontiers in Veterinary Science</i> , 2022 , 9, 849178	3.1	1
18	Increased Drug Resistance and Biofilm Formation Ability in ST34-Type Typhimurium Exhibiting Multicellular Behavior in China.. <i>Frontiers in Microbiology</i> , 2022 , 13, 876500	5.7	1
17	Pathogenicity of different H5N6 highly pathogenic avian influenza virus strains and host immune responses in chickens. <i>Veterinary Microbiology</i> , 2020 , 246, 108745	3.3	0
16	The "LLQY" motif on SARS-CoV-2 spike protein affects S incorporation into virus particles.. <i>Journal of Virology</i> , 2022 , jvi0189721	6.6	0
15	PEDV infection affects the expression of polyamine-related genes inhibiting viral proliferation.. <i>Virus Research</i> , 2022 , 312, 198708	6.4	0
14	The <i>Glaesserella parasuis</i> phosphoglucomutase is partially required for lipooligosaccharide synthesis. <i>Veterinary Research</i> , 2020 , 51, 97	3.8	0
13	Genetic Evolution Characteristics of Genotype G57 Virus, A Dominant Genotype of H9N2 Avian Influenza Virus. <i>Frontiers in Microbiology</i> , 2021 , 12, 633835	5.7	0
12	Highly Prevalent Multidrug-Resistant spp. Isolated From a Yellow-Feathered Broiler Slaughterhouse in South China. <i>Frontiers in Microbiology</i> , 2021 , 12, 682741	5.7	0
11	Influenza A virus protein PA-X suppresses host Ankrd17-mediated immune responses. <i>Microbiology and Immunology</i> , 2021 , 65, 48-59	2.7	0

10	Japanese encephalitis virus restricts HMGB1 expression to maintain MAPK pathway activation for viral replication. <i>Veterinary Microbiology</i> , 2021 , 262, 109237	3.3	○
9	The Biological Characteristics of Novel H5N6 Highly Pathogenic Avian Influenza Virus and Its Pathogenesis in Ducks. <i>Frontiers in Microbiology</i> , 2021 , 12, 628545	5.7	○
8	Supplementation of H7N9 Virus-Like Particle Vaccine With Recombinant Epitope Antigen Confers Full Protection Against Antigenically Divergent H7N9 Virus in Chickens.. <i>Frontiers in Immunology</i> , 2022 , 13, 785975	8.4	○
7	Survivability of H5N8 mixed wild bird droppings in different conditions.. <i>Lancet Microbe</i> , 2022 , 3, e332	22.2	○
6	Chicken Peripheral Blood Mononuclear Cells Response to Avian Leukosis Virus Subgroup J Infection Assessed by Single-Cell RNA Sequencing.. <i>Frontiers in Microbiology</i> , 2022 , 13, 800618	5.7	○
5	Natural infections of SARS-CoV-2 increased in animals: How should humans get along with animals?. <i>Journal of Medical Virology</i> , 2022 ,	19.7	○
4	Genetic characterization of H7N4 avian influenza virus in China in 2018. <i>Journal of Infection</i> , 2019 , 79, 174-187	18.9	
3	A cell line resistant to avian leukosis virus subgroup B infection. <i>Poultry Science</i> , 2019 , 98, 6026-6033	3.9	
2	Generation of recombinant influenza virus bearing strep tagged PB2 and effective identification of interactional host factors. <i>Veterinary Microbiology</i> , 2021 , 254, 108985	3.3	
1	Residues 140-142, 199-200, 222-223, and 262 in the Surface Glycoprotein of Subgroup A Avian Leukosis Virus Are the Key Sites Determining Tva Receptor Binding Affinity and Infectivity.. <i>Frontiers in Microbiology</i> , 2022 , 13, 868377	5.7	