

# Evolution of Swine H3N2 Influenza Viruses in the United States

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Immunization of pigs against influenza virus infection by DNA vaccine priming followed by killed-virus vaccine boosting. <i>Vaccine</i> , 2001, 19, 2842-2853.	1.7	43
2	Cocirculation of Avian H9N2 and Contemporary "Human" H3N2 Influenza A Viruses in Pigs in Southeastern China: Potential for Genetic Reassortment?. <i>Journal of Virology</i> , 2001, 75, 9679-9686.	1.5	359
3	Universal primer set for the full-length amplification of all influenza A viruses. <i>Archives of Virology</i> , 2001, 146, 2275-2289.	0.9	1,769
4	Emergence of influenza A viruses. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2001, 356, 1817-1828.	1.8	211
5	Evaluation of a Multiplex Reverse Transcription-Polymerase Chain Reaction Assay for Subtyping Hemagglutinin Genes 1 and 3 of Swine Influenza Type A Virus in Clinical Samples. <i>Journal of Veterinary Diagnostic Investigation</i> , 2002, 14, 62-65.	0.5	15
6	An Immunoperoxidase Monolayer Assay for the Detection of Antibodies against Swine Influenza Virus. <i>Journal of Veterinary Diagnostic Investigation</i> , 2002, 14, 169-171.	0.5	14
7	Genetic Characterization of H1N2 Influenza A Viruses Isolated from Pigs throughout the United States. <i>Journal of Clinical Microbiology</i> , 2002, 40, 1073-1079.	1.8	122
8	Japanese Encephalitis Virus: Ecology and Epidemiology. <i>Current Topics in Microbiology and Immunology</i> , 2002, 267, 11-48.	0.7	197
9	The emergence of novel swine influenza viruses in North America. <i>Virus Research</i> , 2002, 85, 199-210.	1.1	286
10	Phylogenetic analysis of H1N2 isolates of influenza A virus from pigs in the United States. <i>Virus Research</i> , 2002, 87, 173-179.	1.1	57
11	Serologic Evidence of H1 Swine Influenza Virus Infection in Swine Farm Residents and Employees. <i>Emerging Infectious Diseases</i> , 2002, 8, 814-819.	2.0	122
12	Detection and subtyping of swine influenza H1N1, H1N2 and H3N2 viruses in clinical samples using two multiplex RT-PCR assays. <i>Journal of Virological Methods</i> , 2002, 102, 53-59.	1.0	75
13	Prevalence of swine influenza virus subtypes on swine farms in the United States. <i>Archives of Virology</i> , 2002, 147, 1209-1220.	0.9	62
14	Recombinant adenovirus encoding the HA gene from swine H3N2 influenza virus partially protects mice from challenge with heterologous virus: A/HK/1/68 (H3N2). <i>Archives of Virology</i> , 2002, 147, 2125-2141.	0.9	38
15	Characterization of a swine-like reassortant H1N2 influenza virus isolated from a wild duck in the United States. <i>Virus Research</i> , 2003, 93, 115-121.	1.1	40
16	Land-Based Birds as Potential Disseminators of Avian/Mammalian Reassortant Influenza A Viruses. <i>Avian Diseases</i> , 2003, 47, 1114-1117.	0.4	64
17	Pathogenic and Antigenic Properties of Phylogenetically Distinct Reassortant H3N2 Swine Influenza Viruses Cocirculating in the United States. <i>Journal of Clinical Microbiology</i> , 2003, 41, 3198-3205.	1.8	150
18	Comparison of the Pathogenesis of Two Genetically Different H3N2 Influenza A Viruses in Pigs. <i>Journal of Clinical Microbiology</i> , 2003, 41, 1936-1941.	1.8	70

#	ARTICLE	IF	CITATIONS
19	Influenza Evolution. , 2004, , 175-197.		1
20	H3N2 Influenza Virus Transmission from Swine to Turkeys, United States. Emerging Infectious Diseases, 2004, 10, 2156-2160.	2.0	91
21	Detection and isolation of H1N1 influenza virus from pigs in Korea. Veterinary Record, 2004, 154, 274-275.	0.2	15
22	Influenza: Emergence and Control. Journal of Virology, 2004, 78, 8951-8959.	1.5	199
23	Comparison of a Commercial Enzyme-Linked Immunosorbent Assay with Hemagglutination Inhibition Assay for Serodiagnosis of Swine Influenza Virus (H1N1) Infection. Journal of Veterinary Diagnostic Investigation, 2004, 16, 86-89.	0.5	14
24	Characterization of Avian H3N3 and H1N1 Influenza A Viruses Isolated from Pigs in Canada. Journal of Clinical Microbiology, 2004, 42, 4349-4354.	1.8	128
25	Real-time Reverse Transcription-Polymerase Chain Reaction Assays for the Detection and Differentiation of North American Swine Influenza Viruses. Journal of Veterinary Diagnostic Investigation, 2004, 16, 367-373.	0.5	56
26	Phylogenetic analysis of an H1N2 influenza A virus isolated from a pig in Korea. Archives of Virology, 2004, 149, 1415-22.	0.9	35
27	The evolution of H5N1 influenza viruses in ducks in southern China. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10452-10457.	3.3	477
28	Influenza A Viruses of Migrating Wild Aquatic Birds in North America. Vector-Borne and Zoonotic Diseases, 2004, 4, 177-189.	0.6	371
29	Multiple lineages of antigenically and genetically diverse influenza A virus co-circulate in the United States swine population. Virus Research, 2004, 103, 67-73.	1.1	140
30	Protection of weaned pigs by vaccination with human adenovirus 5 recombinant viruses expressing the hemagglutinin and the nucleoprotein of H3N2 swine influenza virus. Vaccine, 2004, 22, 3427-3434.	1.7	101
31	The emergence of novel influenza viruses among pigs in North America due to interspecies transmission and reassortment. International Congress Series, 2004, 1263, 196-199.	0.2	0
32	Pathogenesis of Swine Influenza Virus Subtype H1N2 Infection in Pigs. Journal of Comparative Pathology, 2005, 132, 179-184.	0.1	39
33	Risk factors for the introduction of high pathogenicity Avian Influenza virus into poultry farms during the epidemic in the Netherlands in 2003. Preventive Veterinary Medicine, 2005, 69, 1-11.	0.7	105
34	New Genotype of Avian Influenza H5N1 Viruses Isolated from Tree Sparrows in China. Journal of Virology, 2005, 79, 15460-15466.	1.5	93
35	Mutations in the NS1 Protein of Swine Influenza Virus Impair Anti-Interferon Activity and Confer Attenuation in Pigs. Journal of Virology, 2005, 79, 7535-7543.	1.5	222
36	Evaluation of a recombinant human adenovirus-5 vaccine administered via needle-free device and intramuscular injection for vaccination of pigs against swine influenza virus. American Journal of Veterinary Research, 2005, 66, 1943-1947.	0.3	27

#	ARTICLE	IF	CITATIONS
37	Isolation and Characterization of H3N2 Influenza A Virus from Turkeys. <i>Avian Diseases</i> , 2005, 49, 207-213.	0.4	75
38	Receptor-binding properties of swine influenza viruses isolated and propagated in MDCK cells. <i>Virus Research</i> , 2005, 114, 15-22.	1.1	86
39	An overview of swine influenza. <i>Veterinary Quarterly</i> , 2006, 28, 45-53.	3.0	71
40	Avian Influenza in Wild Birds: Status as Reservoirs, and Risks to Humans and Agriculture. <i>Ornithological Monographs</i> , 2006, , 3-29.	1.3	1
41	A recombinant pseudorabies virus encoding the HA gene from H3N2 subtype swine influenza virus protects mice from virulent challenge. <i>Veterinary Immunology and Immunopathology</i> , 2006, 111, 211-218.	0.5	35
42	The immune response and maternal antibody interference to a heterologous H1N1 swine influenza virus infection following vaccination. <i>Veterinary Immunology and Immunopathology</i> , 2006, 112, 117-128.	0.5	151
43	Molecular epidemiology of Bluetongue virus in northern Colorado. <i>Virus Research</i> , 2006, 118, 39-45.	1.1	13
44	Triple Reassortant H3N2 Influenza A Viruses, Canada, 2005. <i>Emerging Infectious Diseases</i> , 2006, 12, 1132-1135.	2.0	157
45	Novel Swine Influenza Virus Subtype H3N1, United States. <i>Emerging Infectious Diseases</i> , 2006, 12, 787-794.	2.0	79
46	Characterization of the humoral immune response of experimentally infected and vaccinated pigs to swine influenza viral proteins. <i>Archives of Virology</i> , 2006, 151, 23-36.	0.9	15
47	Genetic characterization of novel reassortant H1N2 influenza A viruses isolated from pigs in southeastern China. <i>Archives of Virology</i> , 2006, 151, 2289-2299.	0.9	45
48	Evaluation of hemagglutinin subtype 1 swine influenza viruses from the United States. <i>Veterinary Microbiology</i> , 2006, 118, 212-222.	0.8	114
49	Avian Influenza: An Agricultural Perspective. <i>Journal of Infectious Diseases</i> , 2006, 194, S139-S146.	1.9	12
50	Restricted Infectivity of a Human-Lineage H3N2 Influenza A Virus in Pigs Is Hemagglutinin and Neuraminidase Gene Dependent. <i>Journal of Clinical Microbiology</i> , 2006, 44, 297-301.	1.8	19
51	Isolation and Characterization of Novel H3N1 Swine Influenza Viruses from Pigs with Respiratory Diseases in Korea. <i>Journal of Clinical Microbiology</i> , 2006, 44, 3923-3927.	1.8	42
52	Identification of Human H1N2 and Human-Swine Reassortant H1N2 and H1N1 Influenza A Viruses among Pigs in Ontario, Canada (2003 to 2005). <i>Journal of Clinical Microbiology</i> , 2006, 44, 1123-1126.	1.8	120
53	Are Swine Workers in the United States at Increased Risk of Infection with Zoonotic Influenza Virus?. <i>Clinical Infectious Diseases</i> , 2006, 42, 14-20.	2.9	185
54	Isolation and Genetic Characterization of New Reassortant H3N1 Swine Influenza Virus from Pigs in the Midwestern United States. <i>Journal of Virology</i> , 2006, 80, 5092-5096.	1.5	88

#	ARTICLE	IF	CITATIONS
55	Vaccination of Pigs against Swine Influenza Viruses by Using an NS1-Truncated Modified Live-Virus Vaccine. <i>Journal of Virology</i> , 2006, 80, 11009-11018.	1.5	164
56	The Long Haul: Risks Associated With Livestock Transport. <i>Biosecurity and Bioterrorism</i> , 2007, 5, 301-312.	1.2	31
57	Evidence of the co-circulation of influenza <scp>h1n1</scp>, <scp>h1n2</scp> and <scp>h3n2</scp> viruses in the pig population of Korea. <i>Veterinary Record</i> , 2007, 161, 104-105.	0.2	15
58	Up to new tricks â€“ A review of cross-species transmission of influenza A viruses. <i>Animal Health Research Reviews</i> , 2007, 8, 1-21.	1.4	51
59	Influenza neuraminidase antibodies provide partial protection for chickens against high pathogenic avian influenza infection. <i>Vaccine</i> , 2007, 25, 3763-3772.	1.7	70
60	Isolation and phylogenetic analysis of H1N1 swine influenza virus isolated in Korea. <i>Virus Research</i> , 2007, 125, 98-103.	1.1	22
61	Pathogenesis and inflammatory responses of swine H1N2 influenza viruses in pigs. <i>Virus Research</i> , 2007, 129, 64-70.	1.1	30
62	Interspecies and intraspecies transmission of triple reassortant H3N2 influenza A viruses. <i>Virology Journal</i> , 2007, 4, 129.	1.4	65
63	The Human/Animal Interface: Emergence and Resurgence of Zoonotic Infectious Diseases. <i>Critical Reviews in Microbiology</i> , 2007, 33, 243-299.	2.7	210
64	Influenza Evolution. , 0, , 199-214.		5
65	Swine Influenza A Evolution via Recombination - Genetic Drift Reservoir. <i>Nature Precedings</i> , 2007, , .	0.1	5
66	Spatial clustering of swine influenza in Ontario on the basis of herd-level disease status with different misclassification errors. <i>Preventive Veterinary Medicine</i> , 2007, 81, 236-249.	0.7	7
67	Phylogenetic analysis of swine influenza viruses recently isolated in Korea. <i>Virus Genes</i> , 2008, 37, 168-176.	0.7	19
68	Genetic diversity of swine influenza viruses isolated from pigs during 2000 to 2005 in Thailand. <i>Influenza and Other Respiratory Viruses</i> , 2008, 2, 181-189.	1.5	51
69	Investigation of exposure to swine influenza viruses in Ontario (Canada) finisher herds in 2004 and 2005. <i>Preventive Veterinary Medicine</i> , 2008, 83, 24-40.	0.7	14
70	One-step multiplex RT-PCR for detection and subtyping of swine influenza H1, H3, N1, N2 viruses in clinical samples using a dual priming oligonucleotide (DPO) system. <i>Journal of Virological Methods</i> , 2008, 151, 30-34.	1.0	38
71	Chapter 3 Swine Influenza Viruses. <i>Advances in Virus Research</i> , 2008, 72, 127-154.	0.9	324
72	Genetic and antigenic relatedness of H3 subtype influenza A viruses isolated from avian and mammalian species. <i>Vaccine</i> , 2008, 26, 966-977.	1.7	32

#	ARTICLE	IF	CITATIONS
73	Animal influenza epidemiology. <i>Vaccine</i> , 2008, 26, D67-D69.	1.7	50
74	Identification of amino acids in the HA of H3 influenza viruses that determine infectivity levels in primary swine respiratory epithelial cells. <i>Virus Research</i> , 2008, 133, 269-279.	1.1	29
75	Seroprevalence and genetic evolutions of swine influenza viruses under vaccination pressure in Korean swine herds. <i>Virus Research</i> , 2008, 138, 43-49.	1.1	35
76	Genetic Evolution of Swine Influenza A (H3N2) Viruses in China from 1970 to 2006. <i>Journal of Clinical Microbiology</i> , 2008, 46, 1067-1075.	1.8	61
77	Swine Influenza Virus: Zoonotic Potential and Vaccination Strategies for the Control of Avian and Swine Influenzas. <i>Journal of Infectious Diseases</i> , 2008, 197, S19-S24.	1.9	81
78	History of Research on Avian Influenza. <i>Monographs in Virology</i> , 2008, , 101-117.	0.6	3
79	INFLUENZA EXPOSURE IN UNITED STATES FERAL SWINE POPULATIONS. <i>Journal of Wildlife Diseases</i> , 2008, 44, 362-368.	0.3	43
80	The Role of Pigs in Interspecies Transmission. <i>Monographs in Virology</i> , 2008, , 88-100.	0.6	12
81	Reassortment Patterns in Swine Influenza Viruses. <i>PLoS ONE</i> , 2009, 4, e7366.	1.1	46
82	Evolutionary Trends of A(H1N1) Influenza Virus Hemagglutinin Since 1918. <i>PLoS ONE</i> , 2009, 4, e7789.	1.1	71
83	PATHOGEN EXPOSURE IN FERAL SWINE POPULATIONS GEOGRAPHICALLY ASSOCIATED WITH HIGH DENSITIES OF TRANSITIONAL SWINE PREMISES AND COMMERCIAL SWINE PRODUCTION. <i>Journal of Wildlife Diseases</i> , 2009, 45, 713-721.	0.3	53
84	Procedures to eliminate H3N2 swine influenza virus from a pig herd. <i>Veterinary Record</i> , 2009, 165, 74-77.	0.2	18
85	Adaptive strategies of the influenza virus polymerase for replication in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21312-21316.	3.3	325
86	Characterization of a Canadian Mink H3N2 Influenza A Virus Isolate Genetically Related to Triple Reassortant Swine Influenza Virus. <i>Journal of Clinical Microbiology</i> , 2009, 47, 796-799.	1.8	48
87	Experimental Infection of Pigs with the Human 1918 Pandemic Influenza Virus. <i>Journal of Virology</i> , 2009, 83, 4287-4296.	1.5	56
88	Molecular Anatomy of 2009 Influenza Virus A (H1N1). <i>Archives of Medical Research</i> , 2009, 40, 643-654.	1.5	60
89	Genetic characterization of H1N1 swine influenza A viruses isolated in eastern China. <i>Virus Genes</i> , 2009, 39, 193-199.	0.7	24
90	Characterization of a newly emerged genetic cluster of H1N1 and H1N2 swine influenza virus in the United States. <i>Virus Genes</i> , 2009, 39, 176-185.	0.7	157

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91	An update on swine-origin influenza virus A/H1N1: a review. <i>Virus Genes</i> , 2009, 39, 279-292.	0.7	123
92	Epidemiological update on swine influenza (H1N1) in pigs. <i>Indian Journal of Microbiology</i> , 2009, 49, 324-331.	1.5	0
93	Genome evolution of novel influenza A (H1N1) viruses in humans. <i>Science Bulletin</i> , 2009, 54, 2159-2163.	1.7	10
94	Genetic analysis and rescue of a triple-reassortant H3N2 influenza A virus isolated from swine in eastern China. <i>Virologica Sinica</i> , 2009, 24, 52-58.	1.2	4
95	Origins and evolutionary genomics of the 2009 swine-origin H1N1 influenza A epidemic. <i>Nature</i> , 2009, 459, 1122-1125.	13.7	1,870
96	Diversity of influenza viruses in swine and the emergence of a novel human pandemic influenza A (H1N1). <i>Influenza and Other Respiratory Viruses</i> , 2009, 3, 207-213.	1.5	126
97	Isolation and genetic characterization of avian-like H1N1 and novel reassortant H1N2 influenza viruses from pigs in China. <i>Biochemical and Biophysical Research Communications</i> , 2009, 386, 278-283.	1.0	38
98	High genetic and antigenic similarity between a swine H3N2 influenza A virus and a prior human influenza vaccine virus: A possible immune pressure-driven cross-species transmission. <i>Biochemical and Biophysical Research Communications</i> , 2009, 385, 402-407.	1.0	10
99	Evolutionary complexities of swine flu H1N1 gene sequences of 2009. <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 349-351.	1.0	28
100	Pathobiology of triple reassortant H3N2 influenza viruses in breeder turkeys and its potential implication for vaccine studies in turkeys. <i>Vaccine</i> , 2009, 27, 819-824.	1.7	29
101	Further evidence for infection of pigs with human-like H1N1 influenza viruses in China. <i>Virus Research</i> , 2009, 140, 85-90.	1.1	35
102	Emergence of a novel swine-origin influenza A virus (S-OIV) H1N1 virus in humans. <i>Journal of Clinical Virology</i> , 2009, 45, 169-173.	1.6	302
103	Antigenic and Genetic Characteristics of Swine-Origin 2009 A(H1N1) Influenza Viruses Circulating in Humans. <i>Science</i> , 2009, 325, 197-201.	6.0	2,127
104	Novel Swine-origin Influenza Virus A (H1N1): The First Pandemic of the 21st Century. <i>Journal of the Formosan Medical Association</i> , 2009, 108, 526-532.	0.8	81
105	The Role of Swine in the Generation of Novel Influenza Viruses. <i>Zoonoses and Public Health</i> , 2009, 56, 326-337.	0.9	158
106	Identification and characterization of a highly virulent triple reassortant H1N1 swine influenza virus in the United States. <i>Virus Genes</i> , 2010, 40, 28-36.	0.7	33
107	First whole genome characterization of swine influenza virus subtype H3N2 in Thailand. <i>Veterinary Microbiology</i> , 2010, 145, 230-244.	0.8	13
108	Rapid and specific detection of H3 swine influenza virus using reverse transcription loop-mediated isothermal amplification method. <i>Journal of Applied Microbiology</i> , 2010, 108, 1145-1154.	1.4	10

#	ARTICLE	IF	CITATIONS
109	Model or meal? Farm animal populations as models for infectious diseases of humans. <i>Nature Reviews Microbiology</i> , 2010, 8, 139-148.	13.6	25
110	Historical thoughts on influenza viral ecosystems, or behold a pale horse, dead dogs, failing fowl, and sick swine. <i>Influenza and Other Respiratory Viruses</i> , 2010, 4, 327-337.	1.5	71
111	Rapid detection of the pandemic 2009 H1N1 virus M gene by real-time and gel-based RT-PCR assays. <i>Influenza and Other Respiratory Viruses</i> , 2010, 4, 397-403.	1.5	8
112	Seasonal Synchronization of Influenza in the United States Older Adult Population. <i>PLoS ONE</i> , 2010, 5, e10187.	1.1	62
113	Antigenic Categorization of Contemporary H3N2 Swine Influenza Virus Isolates Using a High-Throughput Serum Neutralization Assay. <i>Journal of Veterinary Diagnostic Investigation</i> , 2010, 22, 352-359.	0.5	19
114	Alterations in receptor-binding properties of swine influenza viruses of the H1 subtype after isolation in embryonated chicken eggs. <i>Journal of General Virology</i> , 2010, 91, 938-948.	1.3	43
115	Interspecies and intraspecies transmission of influenza A viruses: viral, host and environmental factors. <i>Animal Health Research Reviews</i> , 2010, 11, 53-72.	1.4	34
116	Characterization of an H3N2 triple reassortant influenza virus with a mutation at the receptor binding domain (D190A) that occurred upon virus transmission from turkeys to pigs. <i>Virology Journal</i> , 2010, 7, 258.	1.4	9
117	Lessons from Pandemic H1N1 2009 to Improve Prevention, Detection, and Response to Influenza Pandemics from a One Health Perspective. <i>ILAR Journal</i> , 2010, 51, 268-280.	1.8	37
118	The 2009 A (H1N1) influenza virus pandemic: A review. <i>Vaccine</i> , 2010, 28, 4895-4902.	1.7	376
119	Immunogenicity and protective efficacy of an elastase-dependent live attenuated swine influenza virus vaccine administered intranasally in pigs. <i>Vaccine</i> , 2010, 28, 7098-7108.	1.7	47
120	Inactivated trivalent seasonal influenza vaccine induces limited cross-reactive neutralizing antibody responses against 2009 pandemic and 1934 PR8 H1N1 strains. <i>Vaccine</i> , 2010, 28, 6852-6857.	1.7	37
121	Surveillance and characterization of low pathogenic H5 avian influenza viruses isolated from wild migratory birds in Korea. <i>Virus Research</i> , 2010, 150, 119-128.	1.1	14
122	Swine influenza vaccines: current status and future perspectives. <i>Animal Health Research Reviews</i> , 2010, 11, 81-96.	1.4	59
123	Detection of Haemagglutination-Inhibiting Antibodies against Human H1 and H3 Strains of Influenza A Viruses in Pigs in Ibadan, Nigeria. <i>Zoonoses and Public Health</i> , 2010, 57, e89-94.	0.9	15
124	Structural and Functional Analysis of NS1 and NS2 Proteins of H1N1 Subtype. <i>Genomics, Proteomics and Bioinformatics</i> , 2010, 8, 190-199.	3.0	9
125	Viral reassortment and transmission after co-infection of pigs with classical H1N1 and triple-reassortant H3N2 swine influenza viruses. <i>Journal of General Virology</i> , 2010, 91, 2314-2321.	1.3	51
126	The High Susceptibility of Turkeys to Influenza Viruses of Different Origins Implies Their Importance as Potential Intermediate Hosts. <i>Avian Diseases</i> , 2010, 54, 522-526.	0.4	54



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127	Identification and Characterization of H2N3 Avian Influenza Virus from Backyard Poultry and Comparison with Novel H2N3 Swine Influenza Virus. <i>Avian Diseases</i> , 2011, 55, 611-619.	0.4	13
128	The Influenza Pandemic of 2009. <i>Molecular Diagnosis and Therapy</i> , 2011, 15, 63-81.	1.6	33
129	The Origin and Evolution of H1N1 Pandemic Influenza Viruses. , 2011, , 77-93.		0
130	Contemporary Epidemiology of North American Lineage Triple Reassortant Influenza A Viruses in Pigs. <i>Current Topics in Microbiology and Immunology</i> , 2011, 370, 113-131.	0.7	45
131	Swine Influenza Viruses: An Asian Perspective. <i>Current Topics in Microbiology and Immunology</i> , 2011, 370, 147-172.	0.7	22
132	Enhanced pneumonia and disease in pigs vaccinated with an inactivated human-like (Î-cluster) H1N2 vaccine and challenged with pandemic 2009 H1N1 influenza virus. <i>Vaccine</i> , 2011, 29, 2712-2719.	1.7	109
133	Gene Therapy of Some Genetic Diseases by Transferring Normal Human Genomic DNA into Somatic Cells and Stem Cells from Patients. , 0, , .		2
134	One-Step Multiplex Reverse-Transcriptase PCR for Detecting Pandemic (H1N1) 2009 Influenza Virus. <i>Journal of Veterinary Medical Science</i> , 2011, 73, 55-63.	0.3	9
135	Long-term evolution and transmission dynamics of swine influenza A virus. <i>Nature</i> , 2011, 473, 519-522.	13.7	219
137	Evidence of reassortment of pandemic H1N1 influenza virus in swine in Argentina: are we facing the expansion of potential epicenters of influenza emergence?. <i>Influenza and Other Respiratory Viruses</i> , 2011, 5, 409-412.	1.5	49
138	Molecular and Antigenic Characterization of Triple-Reassortant H3N2 Swine Influenza Viruses Isolated from Pigs, Turkey and Quail in Canada. <i>Transboundary and Emerging Diseases</i> , 2011, 58, 394-401.	1.3	24
139	Isolation and genetic analysis of a novel triple-reassortant H1N1 influenza virus from a pig in China. <i>Veterinary Microbiology</i> , 2011, 147, 403-409.	0.8	14
140	Genetic diversity of H9N2 influenza viruses from pigs in China: A potential threat to human health?. <i>Veterinary Microbiology</i> , 2011, 149, 254-261.	0.8	79
141	Receptor specificity of subtype H1 influenza A viruses isolated from swine and humans in the United States. <i>Virology</i> , 2011, 412, 401-410.	1.1	62
142	Comparison of two H1N2 swine influenza A viruses from disease outbreaks in pigs in Sweden during 2009 and 2010. <i>Virus Genes</i> , 2011, 42, 236-244.	0.7	9
143	Genetic characterization of swine influenza viruses (H3N2) isolated from Minnesota in 2006â€“2007. <i>Virus Genes</i> , 2011, 43, 161-176.	0.7	10
144	Molecular characterization and comparative analysis of pandemic H1N1/2009 strains with co-circulating seasonal H1N1/2009 strains from eastern India. <i>Archives of Virology</i> , 2011, 156, 207-217.	0.9	17
145	Emergence of novel reassortant H3N2 influenza viruses among ducks in China. <i>Archives of Virology</i> , 2011, 156, 1045-1048.	0.9	11

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146	PhyloMap: an algorithm for visualizing relationships of large sequence data sets and its application to the influenza A virus genome. <i>BMC Bioinformatics</i> , 2011, 12, 248.	1.2	19
147	Computational analysis and modeling the effectiveness of Zanamivir™ targeting neuraminidase protein in pandemic H1N1 strains. <i>Infection, Genetics and Evolution</i> , 2011, 11, 1072-1082.	1.0	4
148	Emergence of a New Swine H3N2 and Pandemic (H1N1) 2009 Influenza A Virus Reassortant in Two Canadian Animal Populations, Mink and Swine. <i>Journal of Clinical Microbiology</i> , 2011, 49, 4386-4390.	1.8	50
149	The 2009 Influenza Pandemic: Promising Lessons For Antiviral Therapy For Future Outbreaks. <i>Current Medicinal Chemistry</i> , 2011, 18, 5466-5475.	1.2	13
150	Virulence and Genetic Compatibility of Polymerase Reassortant Viruses Derived from the Pandemic (H1N1) 2009 Influenza Virus and Circulating Influenza A Viruses. <i>Journal of Virology</i> , 2011, 85, 6275-6286.	1.5	51
151	The M Segment of the 2009 New Pandemic H1N1 Influenza Virus Is Critical for Its High Transmission Efficiency in the Guinea Pig Model. <i>Journal of Virology</i> , 2011, 85, 11235-11241.	1.5	127
152	The 2009 Pandemic H1N1 and Triple-Reassortant Swine H1N1 Influenza Viruses Replicate Efficiently but Elicit an Attenuated Inflammatory Response in Polarized Human Bronchial Epithelial Cells. <i>Journal of Virology</i> , 2011, 85, 686-696.	1.5	46
153	Influenza Vaccines for the Future. , 2011, , .		8
154	Influenza Pandemic Epidemiologic and Virologic Diversity: Reminding Ourselves of the Possibilities. <i>Clinical Infectious Diseases</i> , 2011, 52, S44-S49.	2.9	43
155	Spatial Dynamics of Human-Origin H1 Influenza A Virus in North American Swine. <i>PLoS Pathogens</i> , 2011, 7, e1002077.	2.1	116
156	Kinetics of Lung Lesion Development and Pro-Inflammatory Cytokine Response in Pigs With Vaccine-Associated Enhanced Respiratory Disease Induced by Challenge With Pandemic (2009) A/H1N1 Influenza Virus. <i>Veterinary Pathology</i> , 2012, 49, 900-912.	0.8	123
157	Pathogenicity and Transmissibility of North American Triple Reassortant Swine Influenza A Viruses in Ferrets. <i>PLoS Pathogens</i> , 2012, 8, e1002791.	2.1	36
158	Pathogenicity and Transmission in Pigs of the Novel A(H3N2)v Influenza Virus Isolated from Humans and Characterization of Swine H3N2 Viruses Isolated in 2010-2011. <i>Journal of Virology</i> , 2012, 86, 6804-6814.	1.5	59
159	Combination of PB2 271A and SR Polymorphism at Positions 590/591 Is Critical for Viral Replication and Virulence of Swine Influenza Virus in Cultured Cells and <i>In Vivo</i> . <i>Journal of Virology</i> , 2012, 86, 1233-1237.	1.5	69
160	Phylogenetic Analysis of the First Isolate of Polish H1N2 Swine Influenza Virus. <i>Bulletin of the Veterinary Institute in Pulawy = Biuletyn Instytutu Weterynarii W Pulawach</i> , 2012, 56, 419-662.	0.4	2
161	Serological Evidence of Co-Circulation of Different Subtypes of Swine Influenza Virus in Polish Pig Herds. <i>Bulletin of the Veterinary Institute in Pulawy = Biuletyn Instytutu Weterynarii W Pulawach</i> , 2012, 56, 425-429.	0.4	2
162	Isolation of the Pandemic (H1N1) 2009 virus and its reassortant with an H3N2 swine influenza virus from healthy weaning pigs in Thailand in 2011. <i>Virus Research</i> , 2012, 169, 175-181.	1.1	41
163	Safety, immunogenicity, and efficacy of an alphavirus replicon-based swine influenza virus hemagglutinin vaccine. <i>Vaccine</i> , 2012, 30, 1944-1950.	1.7	57

#	ARTICLE	IF	CITATIONS
164	Immune responses and protection efficacy of a recombinant swinepox virus expressing HA1 against swine H3N2 influenza virus in mice and pigs. <i>Virus Research</i> , 2012, 167, 188-195.	1.1	11
165	Estimating reassortment rates in co-circulating Eurasian swine influenza viruses. <i>Journal of General Virology</i> , 2012, 93, 2326-2336.	1.3	42
166	Design, Synthesis, and in Vitro Biological Evaluation of 1 <i>H</i> -1,2,3-Triazole-4-carboxamide Derivatives as New Anti-influenza A Agents Targeting Virus Nucleoprotein. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 2144-2153.	2.9	125
167	Genetic characterization of swine influenza viruses isolated in Japan between 2009 and 2012. <i>Microbiology and Immunology</i> , 2012, 56, 792-803.	0.7	20
168	The 2009 Pandemic Influenza Virus: Where Did It Come from, Where Is It Now, and Where Is It Going?. <i>Current Topics in Microbiology and Immunology</i> , 2012, 370, 241-257.	0.7	31
169	Pandemic Influenza A H1N1 in Swine and Other Animals. <i>Current Topics in Microbiology and Immunology</i> , 2012, 370, 259-271.	0.7	18
170	Molecular evidence for interspecies transmission of H3N2pM/H3N2v influenza A viruses at an Ohio agricultural fair, July 2012. <i>Emerging Microbes and Infections</i> , 2012, 1, 1-8.	3.0	51
171	Vaccine development for protecting swine against influenza virus. <i>Animal Health Research Reviews</i> , 2012, 13, 181-195.	1.4	28
172	Molecular characterization of avian-like H1N1 swine influenza a viruses isolated in Eastern China, 2011. <i>Virologica Sinica</i> , 2012, 27, 292-298.	1.2	8
173	Phylogenetic diversity and genotypic complexity of H1N1 subtype swine influenza viruses isolated in Mainland China. <i>Virology Journal</i> , 2012, 9, 289.	1.4	5
174	Distinct Regulation of Host Responses by ERK and JNK MAP Kinases in Swine Macrophages Infected with Pandemic (H1N1) 2009 Influenza Virus. <i>PLoS ONE</i> , 2012, 7, e30328.	1.1	35
175	Molecular and Antigenic Characterization of Reassortant H3N2 Viruses from Turkeys with a Unique Constellation of Pandemic H1N1 Internal Genes. <i>PLoS ONE</i> , 2012, 7, e32858.	1.1	15
176	Outbreak of Influenza A (H3N2) Variant Virus Infection among Attendees of an Agricultural Fair, Pennsylvania, USA, 2011. <i>Emerging Infectious Diseases</i> , 2012, 18, 1937-1944.	2.0	71
177	Subclinical Influenza Virus A Infections in Pigs Exhibited at Agricultural Fairs, Ohio, USA, 2009-2011. <i>Emerging Infectious Diseases</i> , 2012, 18, 1945-1950.	2.0	57
178	Isolation of novel triple reassortant swine H3N2 influenza viruses possessing the hemagglutinin and neuraminidase genes of a seasonal influenza virus in Vietnam in 2010. <i>Influenza and Other Respiratory Viruses</i> , 2012, 6, 6-10.	1.5	40
179	Infectivity phenotypes of H3N2 influenza A viruses in primary swine respiratory epithelial cells are controlled by sialic acid binding. <i>Influenza and Other Respiratory Viruses</i> , 2012, 6, 424-433.	1.5	9
180	Transmission of influenza A(H1N1) 2009 pandemic viruses in Australian swine. <i>Influenza and Other Respiratory Viruses</i> , 2012, 6, e42-7.	1.5	31
181	Characterization of Influenza A Outbreaks in Minnesota Swine Herds and Measures Taken to Reduce the Risk of Zoonotic Transmission. <i>Zoonoses and Public Health</i> , 2012, 59, 96-106.	0.9	30

#	ARTICLE	IF	CITATIONS
182	Differentiated swine airway epithelial cell cultures for the investigation of influenza A virus infection and replication. <i>Influenza and Other Respiratory Viruses</i> , 2013, 7, 139-150.	1.5	28
183	Evolution of a reassortant North American gull influenza virus lineage: drift, shift and stability. <i>Virology Journal</i> , 2013, 10, 179.	1.4	34
184	Isolation of influenza A(H3N2)v virus from pigs and characterization of its biological properties in pigs and mice. <i>Archives of Virology</i> , 2013, 158, 2351-2357.	0.9	10
185	Genetic characterization of H1N2 swine influenza virus isolated in China and its pathogenesis and inflammatory responses in mice. <i>Archives of Virology</i> , 2013, 158, 1965-1972.	0.9	3
186	Antigenic variation of H1N1, H1N2 and H3N2 swine influenza viruses in Japan and Vietnam. <i>Archives of Virology</i> , 2013, 158, 859-876.	0.9	24
187	Bluetongue virus serotypes 1 and 4 in Sardinia during autumn 2012: New incursions or re-infection with old strains?. <i>Infection, Genetics and Evolution</i> , 2013, 19, 81-87.	1.0	43
189	Antigenic and genetic characterization of a European avian-like H1N1 swine influenza virus from a boy in China in 2011. <i>Archives of Virology</i> , 2013, 158, 39-53.	0.9	30
190	Enhanced replication of swine influenza viruses in dexamethasone-treated juvenile and layer turkeys. <i>Veterinary Microbiology</i> , 2013, 162, 353-359.	0.8	19
191	Genotype patterns of contemporary reassorted H3N2 virus in US swine. <i>Journal of General Virology</i> , 2013, 94, 1236-1241.	1.3	68
192	Neutralizing DNA Aptamers against Swine Influenza H3N2 Viruses. <i>Journal of Clinical Microbiology</i> , 2013, 51, 46-54.	1.8	43
193	EXPOSURE TO SWINE H1 AND H3 AND AVIAN H5 AND H9 INFLUENZA A VIRUSES AMONG FERAL SWINE IN SOUTHERN CHINA, 2009. <i>Journal of Wildlife Diseases</i> , 2013, 49, 375-380.	0.3	10
194	Replication and Immunogenicity of Swine, Equine, and Avian H3 Subtype Influenza Viruses in Mice and Ferrets. <i>Journal of Virology</i> , 2013, 87, 6901-6910.	1.5	30
195	In Vitro Characterization of Influenza A Virus Attachment in the Upper and Lower Respiratory Tracts of Pigs. <i>Veterinary Pathology</i> , 2013, 50, 648-658.	0.8	12
196	An Eight-Segment Swine Influenza Virus Harboring H1 and H3 Hemagglutinins Is Attenuated and Protective against H1N1 and H3N2 Subtypes in Pigs. <i>Journal of Virology</i> , 2013, 87, 10114-10125.	1.5	22
197	Swine influenza virus vaccine serologic cross-reactivity to contemporary US swine H3N2 and efficacy in pigs infected with an H3N2 similar to 2011-2012 H3N2v. <i>Influenza and Other Respiratory Viruses</i> , 2013, 7, 32-41.	1.5	34
198	Genetic characterization of influenza virus circulating in Brazilian pigs during 2009 and 2010 reveals a high prevalence of the pandemic H1N1 subtype. <i>Influenza and Other Respiratory Viruses</i> , 2013, 7, 783-790.	1.5	24
199	Prior infection of pigs with a recent human H3N2 influenza virus confers minimal cross-protection against a European swine H3N2 virus. <i>Influenza and Other Respiratory Viruses</i> , 2013, 7, 1260-1268.	1.5	7
200	Swine Influenza. <i>Current Topics in Microbiology and Immunology</i> , 2013, , .	0.7	7

#	ARTICLE	IF	CITATIONS
201	Prevalence and correlates of influenza-a in piggery workers and pigs in two communities in Lagos, Nigeria. <i>Pan African Medical Journal</i> , 2013, 16, 102.	0.3	10
202	Active Surveillance for Influenza A Virus among Swine, Midwestern United States, 2009–2011. <i>Emerging Infectious Diseases</i> , 2013, 19, 954-960.	2.0	66
203	Seroprevalence of a Novel Influenza A (H3N2) Variant Virus in the Japanese Population. <i>Japanese Journal of Infectious Diseases</i> , 2013, 66, 549-551.	0.5	6
204	L-Carnosine Modulates Respiratory Burst and Reactive Oxygen Species Production in Neutrophil Biochemistry and Function: May Oral Dosage Form of Non-Hydrolyzed Dipeptide L-Carnosine Complement Anti-Infective Anti-Influenza Flu Treatment, Prevention and Self-Care as an Alternative to the Conventional Vaccination?. <i>Current Clinical Pharmacology</i> , 2014, 9, 93-115.	0.2	7
205	Influenza Pathogenesis and Control - Volume I. <i>Current Topics in Microbiology and Immunology</i> , 2014, , ,	0.7	11
206	Confronting Emerging Zoonoses. , 2014, , ,		7
207	Substitutions near the Hemagglutinin Receptor-Binding Site Determine the Antigenic Evolution of Influenza A H3N2 Viruses in U.S. Swine. <i>Journal of Virology</i> , 2014, 88, 4752-4763.	1.5	86
208	Molecular characterization of H3N2 influenza A viruses isolated from Ontario swine in 2011 and 2012. <i>Virology Journal</i> , 2014, 11, 194.	1.4	13
209	Expansion of Genotypic Diversity and Establishment of 2009 H1N1 Pandemic-Origin Internal Genes in Pigs in China. <i>Journal of Virology</i> , 2014, 88, 10864-10874.	1.5	79
210	A novel reassortant H1N2 virus related to the pandemic H1N1 2009 influenza virus isolated from Korean pigs. <i>Virus Genes</i> , 2014, 48, 193-198.	0.7	9
211	PhyloFlu, a DNA Microarray for Determining the Phylogenetic Origin of Influenza A Virus Gene Segments and the Genomic Fingerprint of Viral Strains. <i>Journal of Clinical Microbiology</i> , 2014, 52, 803-813.	1.8	7
212	Review of Influenza A Virus in Swine Worldwide: A Call for Increased Surveillance and Research. <i>Zoonoses and Public Health</i> , 2014, 61, 4-17.	0.9	224
213	Accumulation of Human-Adapting Mutations during Circulation of A(H1N1)pdm09 Influenza Virus in Humans in the United Kingdom. <i>Journal of Virology</i> , 2014, 88, 13269-13283.	1.5	84
214	Enhancement of Influenza Virus Transmission by Gene Reassortment. <i>Current Topics in Microbiology and Immunology</i> , 2014, 385, 185-204.	0.7	28
215	Influenza A Virus Reassortment. <i>Current Topics in Microbiology and Immunology</i> , 2014, 385, 377-401.	0.7	110
216	Influenza A virus hemagglutinin protein subunit vaccine elicits vaccine-associated enhanced respiratory disease in pigs. <i>Vaccine</i> , 2014, 32, 5170-5176.	1.7	41
218	Nasal Wipes for Influenza A Virus Detection and Isolation from Swine. <i>Journal of Visualized Experiments</i> , 2015, , e53313.	0.2	10
219	Egg-adaptive mutations in H3N2v vaccine virus enhance egg-based production without loss of antigenicity or immunogenicity. <i>Vaccine</i> , 2015, 33, 3186-3192.	1.7	16

#	ARTICLE	IF	CITATIONS
220	Influenza A viruses of swine circulating in the United States during 2009–2014 are susceptible to neuraminidase inhibitors but show lineage-dependent resistance to adamantanes. <i>Antiviral Research</i> , 2015, 117, 10-19.	1.9	15
221	Two different genotypes of H1N2 swine influenza virus isolated in northern China and their pathogenicity in animals. <i>Veterinary Microbiology</i> , 2015, 175, 224-231.	0.8	4
222	Vaccination-challenge studies with a Port Chalmers/73 (H3N2)-based swine influenza virus vaccine: Reflections on vaccine strain updates and on the vaccine potency test. <i>Vaccine</i> , 2015, 33, 2360-2366.	1.7	11
223	Transmission of influenza A viruses. <i>Virology</i> , 2015, 479-480, 234-246.	1.1	140
224	Safety and Immunogenicity of Cell Culture-Derived A/H3N2 Variant Influenza Vaccines: A Phase I Randomized, Observer-Blind, Dose-Ranging Study. <i>Journal of Infectious Diseases</i> , 2015, 212, 72-80.	1.9	6
225	Poly I:C adjuvanted inactivated swine influenza vaccine induces heterologous protective immunity in pigs. <i>Vaccine</i> , 2015, 33, 542-548.	1.7	33
226	Nested RT-PCR method for the detection of European avian-like H1 swine influenza A virus. <i>Journal of Integrative Agriculture</i> , 2016, 15, 1095-1102.	1.7	1
227	Virologic Differences Do Not Fully Explain the Diversification of Swine Influenza Viruses in the United States. <i>Journal of Virology</i> , 2016, 90, 10074-10082.	1.5	3
228	Human–Animal Interface: The Case for Influenza Interspecies Transmission. <i>Advances in Experimental Medicine and Biology</i> , 2016, 972, 17-33.	0.8	26
229	Influenza A Virus Diversity and Transmission in Exhibition Swine. <i>Journal of Infectious Diseases</i> , 2016, 213, 169-170.	1.9	1
230	PB1-F2 Protein Does Not Impact the Virulence of Triple-Reassortant H3N2 Swine Influenza Virus in Pigs but Alters Pathogenicity and Transmission in Turkeys. <i>Journal of Virology</i> , 2016, 90, 222-231.	1.5	15
231	Spillover transmission of European H1N1 avian-like swine influenza viruses to turkeys: A strain-dependent possibility?. <i>Veterinary Microbiology</i> , 2016, 186, 102-110.	0.8	3
232	Mathematical analysis of an influenza A epidemic model with discrete delay. <i>Journal of Computational and Applied Mathematics</i> , 2017, 324, 155-172.	1.1	19
233	Evolutionary ecology of virus emergence. <i>Annals of the New York Academy of Sciences</i> , 2017, 1389, 124-146.	1.8	39
234	Effect of Priming With Seasonal Influenza A(H3N2) Virus on the Prevalence of Cross-Reactive Hemagglutination-Inhibition Antibodies to Swine-Origin A(H3N2) Variants. <i>Journal of Infectious Diseases</i> , 2017, 216, S539-S547.	1.9	7
235	Absence of clinical disease and contact transmission of HPAI H5Nx clade 2.3.4.4 from North America in experimentally infected pigs. <i>Influenza and Other Respiratory Viruses</i> , 2017, 11, 464-470.	1.5	14
236	Molecular epidemiology of swine influenza A viruses in the Southeastern United States, highlights regional differences in circulating strains. <i>Veterinary Microbiology</i> , 2017, 211, 174-179.	0.8	21
237	Influenza A Viruses of Swine (IAV-S) in Vietnam from 2010 to 2015: Multiple Introductions of A(H1N1)pdm09 Viruses into the Pig Population and Diversifying Genetic Constellations of Enzootic IAV-S. <i>Journal of Virology</i> , 2017, 91, .	1.5	27



#	ARTICLE	IF	CITATIONS
238	Amino Acids in Hemagglutinin Antigenic Site B Determine Antigenic and Receptor Binding Differences between A(H3N2)v and Ancestral Seasonal H3N2 Influenza Viruses. <i>Journal of Virology</i> , 2017, 91, .	1.5	14
239	Epidemiological features of influenza circulation in swine populations: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2017, 12, e0179044.	1.1	33
240	Monoclonal Antibody Against HA Protein of the European Avian-Like H1N1 Swine Influenza Virus. <i>Monoclonal Antibodies in Immunodiagnosis and Immunotherapy</i> , 2018, 37, 69-72.	0.8	0
241	Adaptive evolution during the establishment of European avian-like H 1 N 1 influenza A virus in swine. <i>Evolutionary Applications</i> , 2018, 11, 534-546.	1.5	12
242	ISU FLUture: a veterinary diagnostic laboratory web-based platform to monitor the temporal genetic patterns of Influenza A virus in swine. <i>BMC Bioinformatics</i> , 2018, 19, 397.	1.2	50
243	Comparison of Adjuvanted-Whole Inactivated Virus and Live-Attenuated Virus Vaccines against Challenge with Contemporary, Antigenically Distinct H3N2 Influenza A Viruses. <i>Journal of Virology</i> , 2018, 92, .	1.5	11
244	Novel triple-reassortant influenza viruses in pigs, Guangxi, China. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-9.	3.0	31
245	Isolation of a Reassortant H1N2 Swine Flu Strain of Type "Swine-Human-Avian" and Its Genetic Variability Analysis. <i>BioMed Research International</i> , 2018, 2018, 1-10.	0.9	4
246	Divergent Human-Origin Influenza Viruses Detected in Australian Swine Populations. <i>Journal of Virology</i> , 2018, 92, .	1.5	16
247	Influenza A in Bovine Species: A Narrative Literature Review. <i>Viruses</i> , 2019, 11, 561.	1.5	19
248	Syndromic survey and molecular analysis of influenza viruses at the human-swine interface in two West African cosmopolitan cities suggest the possibility of bidirectional interspecies transmission. <i>Zoonoses and Public Health</i> , 2019, 66, 232-247.	0.9	7
249	Virus survival and fitness when multiple genotypes and subtypes of influenza A viruses exist and circulate in swine. <i>Virology</i> , 2019, 532, 30-38.	1.1	8
251	Bioaerosol and surface sampling for the surveillance of influenza A virus in swine. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 1210-1217.	1.3	22
252	Antigenic evolution of H3N2 influenza A viruses in swine in the United States from 2012 to 2016. <i>Influenza and Other Respiratory Viruses</i> , 2019, 13, 83-90.	1.5	29
253	Heterologous Antibody Responses Conferred by A(H3N2) Variant and Seasonal Influenza Vaccination Against Newly Emerged 2016-2018 A(H3N2) Variant Viruses in Healthy Persons. <i>Clinical Infectious Diseases</i> , 2020, 71, 3061-3070.	2.9	3
254	The Ecology and Evolution of Influenza Viruses. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2020, 10, a038489.	2.9	97
255	Influenza A Virus in Swine: Epidemiology, Challenges and Vaccination Strategies. <i>Frontiers in Veterinary Science</i> , 2020, 7, 647.	0.9	46
256	Swine influenza virus: Current status and challenge. <i>Virus Research</i> , 2020, 288, 198118.	1.1	49

#	ARTICLE	IF	CITATIONS
257	A Systematic Review Analyzing the Prevalence and Circulation of Influenza Viruses in Swine Population Worldwide. <i>Pathogens</i> , 2020, 9, 355.	1.2	32
258	Swine influenza viruses and pandemic H1N1 $\alpha$ 2009 infection in pigs, Myanmar. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 2653-2666.	1.3	8
259	Aerosol Transmission from Infected Swine to Ferrets of an H3N2 Virus Collected from an Agricultural Fair and Associated with Human Variant Infections. <i>Journal of Virology</i> , 2020, 94, .	1.5	18
260	Evolution and Pathogenicity of the H1 and H3 Subtypes of Swine Influenza Virus in Mice between 2016 and 2019 in China. <i>Viruses</i> , 2020, 12, 298.	1.5	7
261	Higher virulence of swine H1N2 influenza viruses containing avian-origin HA and 2009 pandemic PA and NP in pigs and mice. <i>Archives of Virology</i> , 2020, 165, 1141-1150.	0.9	4
262	Detection of live attenuated influenza vaccine virus and evidence of reassortment in the U.S. swine population. <i>Journal of Veterinary Diagnostic Investigation</i> , 2020, 32, 301-311.	0.5	39
263	Characterization of contemporary 2010.1 H3N2 swine influenza A viruses circulating in United States pigs. <i>Virology</i> , 2021, 553, 94-101.	1.1	14
264	Epigraph hemagglutinin vaccine induces broad cross-reactive immunity against swine H3 influenza virus. <i>Nature Communications</i> , 2021, 12, 1203.	5.8	14
266	Antigenic and Genetic Characterization of Swine Influenza Viruses Identified in the European Region of Russia, 2014 $\alpha$ 2020. <i>Frontiers in Microbiology</i> , 2021, 12, 662028.	1.5	7
267	Primary Pandemic Prevention. <i>American Journal of Lifestyle Medicine</i> , 2021, 15, 498-505.	0.8	6
268	Pathogenicity and transmissibility of current H3N2 swine influenza virus in Southern China: A zoonotic potential. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 2052-2064.	1.3	9
269	Review of Influenza Virus Vaccines: The Qualitative Nature of Immune Responses to Infection and Vaccination Is a Critical Consideration. <i>Vaccines</i> , 2021, 9, 979.	2.1	13
270	Evolution and Antigenic Advancement of N2 Neuraminidase of Swine Influenza A Viruses Circulating in the United States following Two Separate Introductions from Human Seasonal Viruses. <i>Journal of Virology</i> , 2021, 95, e0063221.	1.5	10
271	Likelihood of prior exposure to circulating influenza viruses resulting in cross $\alpha$ protection by CD8+ T cells against emergent H3N2v swine viruses infecting humans. <i>Journal of Medical Virology</i> , 2022, 94, 567-574.	2.5	2
275	Correlates of Protection Against Influenza. , 2011, , 199-222.		9
276	Antigenic and genetic diversity among swine influenza A H1N1 and H1N2 viruses in Europe. <i>Journal of General Virology</i> , 2002, 83, 735-745.	1.3	108
277	Recombinant influenza virus with a pandemic H2N2 polymerase complex has a higher adaptive potential than one with seasonal H2N2 polymerase complex. <i>Journal of General Virology</i> , 2016, 97, 611-619.	1.3	2
278	Effects of PB1-F2 on the pathogenicity of H1N1 swine influenza virus in mice and pigs. <i>Journal of General Virology</i> , 2017, 98, 31-42.	1.3	9



#	ARTICLE	IF	CITATIONS
279	The genomic evolution of H1 influenza A viruses from swine detected in the United States between 2009 and 2016. <i>Journal of General Virology</i> , 2017, 98, 2001-2010.	1.3	54
280	Genotype patterns of contemporary reassorted H3N2 virus in US swine. <i>Journal of General Virology</i> , 2013, 94, 1236-1241.	1.3	52
282	Recognition of influenza H3N2 variant virus by human neutralizing antibodies. <i>JCI Insight</i> , 2016, 1, .	2.3	20
283	Reassortment Patterns in Swine Influenza Viruses. <i>PLOS Currents</i> , 2009, 1, RRN1008.	1.4	11
284	Cellular and Humoral Cross-Immunity against Two H3N2v Influenza Strains in Presumably Unexposed Healthy and HIV-Infected Subjects. <i>PLoS ONE</i> , 2014, 9, e105651.	1.1	5
285	AVIAN INFLUENZA IN WILD BIRDS: STATUS AS RESERVOIRS, AND RISKS TO HUMANS AND AGRICULTURE. <i>Ornithological Monographs</i> , 2006, 60, 3.	1.3	43
286	EVIDENCE OF SWINE RESPIRATORY INFECTION BY INFLUENZA VIRUSES IN BRAZIL. <i>Virus Reviews &amp; Research: Journal of the Brazilian Society for Virology</i> , 2006, 11, .	0.1	5
287	Microbial adaptation and change: avian influenza. <i>OIE Revue Scientifique Et Technique</i> , 2004, 23, 453-465.	0.5	79
288	Population susceptibility to North American and Eurasian swine influenza viruses in England, at three time points between 2004 and 2011. <i>Eurosurveillance</i> , 2013, 18, pii=20578.	3.9	13
289	Lower seroreactivity to European than to North American H3N2 swine influenza viruses in humans, Luxembourg, 2010. <i>Eurosurveillance</i> , 2015, 20, 25-33.	3.9	8
290	Cluster analysis of the origins of the new influenza A(H1N1) virus. <i>Eurosurveillance</i> , 2009, 14, .	3.9	24
291	Ongoing mumps outbreak in Novi Sad, the autonomous province of Vojvodina, Serbia, January to April 2012. <i>Eurosurveillance</i> , 2012, 17, .	3.9	14
292	Age-dependent prevalence of antibodies cross-reactive to the influenza A(H3N2) variant virus in sera collected in Norway in 2011. <i>Eurosurveillance</i> , 2012, 17, .	3.9	33
293	Multiple Reassortment between Pandemic (H1N1) 2009 and Endemic Influenza Viruses in Pigs, United States. <i>Emerging Infectious Diseases</i> , 2011, 17, 1624-1629.	2.0	165
294	Multiple Reassortment between Pandemic (H1N1) 2009 and Endemic Influenza Viruses in Pigs, United States. <i>Emerging Infectious Diseases</i> , 2011, 17, 1624-1629.	2.0	119
295	Emerging and Reemerging Human Viral Diseases. <i>Annals of Microbiology and Research</i> , 2018, 2, .	0.1	4
296	The global antigenic diversity of swine influenza A viruses. <i>ELife</i> , 2016, 5, e12217.	2.8	146
297	Influenza: Biology, Infection, and Control. , 2008, , 3-30.		1

#	ARTICLE	IF	CITATIONS
298	Influenzavirus A/H1N1/2009 " ein "berblick vom Ausbruch bis zur Vakzination. , 2012, , 447-540.		1
299	Evolution of Influenza Viruses. , 2014, , 31-64.		1
300	A One Health Approach to Influenza Pandemics. , 2014, , 151-160.		0
301	Guillermo P"rez de la Calzada, el cardenal Guillermo y la crisis del Monasterio de Sahag"n en el siglo XIII. Anuario De Estudios Medievales, 2017, 47, 861.	0.0	0
302	Serologic and genetic characterization of North American H3N2 swine influenza A viruses. Canadian Journal of Veterinary Research, 2007, 71, 201-6.	1.1	22
303	Efficacy of swine influenza A virus vaccines against an H3N2 virus variant. Canadian Journal of Veterinary Research, 2007, 71, 207-12.	1.1	36
304	Spatial epidemiology of an H3N2 swine influenza outbreak. Canadian Veterinary Journal, 2008, 49, 167-76.	0.0	4
307	Influenza A Viruses and Zoonotic Events"Are We Creating Our Own Reservoirs?. Viruses, 2021, 13, 2250.	1.5	26
308	Time-Dependent Proinflammatory Responses Shape Virus Interference during Coinfections of Influenza A Virus and Influenza D Virus. Viruses, 2022, 14, 224.	1.5	4
309	Characterization of a 2016-2017 Human Seasonal H3 Influenza A Virus Spillover Now Endemic to U.S. Swine. MSphere, 2022, 7, e0080921.	1.3	5
310	Genetic Diversity of the Hemagglutinin Genes of Influenza a Virus in Asian Swine Populations. Viruses, 2022, 14, 747.	1.5	4
318	Genetic and Antigenic Characterization of an Expanding H3 Influenza A Virus Clade in U.S. Swine Visualized by Nextstrain. MSphere, 2022, 7, .	1.3	9
319	Zooming in on the molecular characteristics of swine influenza virus circulating in Colombia before and after the H1N1pdm09 virus. Frontiers in Veterinary Science, 0, 9, .	0.9	1
320	Markers of Infection-Mediated Cardiac Damage in Influenza and COVID-19. Pathogens, 2022, 11, 1191.	1.2	1
321	Variant influenza: connecting the missing dots. Expert Review of Anti-Infective Therapy, 2022, 20, 1567-1585.	2.0	0
322	Swine-to-Ferret Transmission of Antigenically Drifted Contemporary Swine H3N2 Influenza A Virus Is an Indicator of Zoonotic Risk to Humans. Viruses, 2023, 15, 331.	1.5	0
324	An Orf-Virus (ORFV)-Based Vector Expressing a Consensus H1 Hemagglutinin Provides Protection against Diverse Swine Influenza Viruses. Viruses, 2023, 15, 994.	1.5	4