

Transmission of influenza A viruses

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Influenza A Virus Coinfection through Transmission Can Support High Levels of Reassortment. <i>Journal of Virology</i> , 2015, 89, 8453-8461.	1.5	35
2	Current Influenza Vaccine Options for 2014. <i>Current Emergency and Hospital Medicine Reports</i> , 2015, 3, 126-133.	0.6	0
3	Structural Basis for a Novel Interaction between the NS1 Protein Derived from the 1918 Influenza Virus and RIG-I. <i>Structure</i> , 2015, 23, 2001-2010.	1.6	47
4	Isolation of H5N6, H7N9 and H9N2 avian influenza A viruses from air sampled at live poultry markets in China, 2014 and 2015. <i>Eurosurveillance</i> , 2016, 21, .	3.9	54
5	Recombinant Hemagglutinin of Avian Influenza Virus H5 Expressed in the Chloroplast of <i>Chlamydomonas reinhardtii</i> and Evaluation of Its Immunogenicity in Chickens. <i>Avian Diseases</i> , 2016, 60, 784-791.	0.4	12
6	Recent Advances in Glycopolymers Based on Protecting-Group-Free Synthesis. <i>Kobunshi Ronbunshu</i> , 2016, 73, 389-400.	0.2	1
7	Characteristic amino acid changes of influenza A(H1N1)pdm09 virus PA protein enhance A(H7N9) viral polymerase activity. <i>Virus Genes</i> , 2016, 52, 346-353.	0.7	18
8	Human-Animal Interface: The Case for Influenza Interspecies Transmission. <i>Advances in Experimental Medicine and Biology</i> , 2016, 972, 17-33.	0.8	26
9	Multiplex assay for subtyping avian influenza A viruses by cDNA hybridization and adapter-mediated amplification. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 8809-8818.	1.7	3
10	A "building block" approach to the new influenza A virus entry inhibitors with reduced cellular toxicities. <i>Scientific Reports</i> , 2016, 6, 22790.	1.6	15
11	Genetic diversity and pathogenic potential of low pathogenic H7 avian influenza viruses isolated from wild migratory birds in Korea. <i>Infection, Genetics and Evolution</i> , 2016, 45, 268-284.	1.0	10
12	Influenza A viruses escape from MxA restriction at the expense of efficient nuclear vRNP import. <i>Scientific Reports</i> , 2016, 6, 23138.	1.6	146
13	Modulation of the pH Stability of Influenza Virus Hemagglutinin: A Host Cell Adaptation Strategy. <i>Biophysical Journal</i> , 2016, 110, 2293-2301.	0.2	36
14	H1N1 Swine Influenza Viruses Differ from Avian Precursors by a Higher pH Optimum of Membrane Fusion. <i>Journal of Virology</i> , 2016, 90, 1569-1577.	1.5	27
15	Next generation sequencing for whole genome analysis and surveillance of influenza A viruses. <i>Journal of Clinical Virology</i> , 2016, 79, 44-50.	1.6	63
16	Species difference in ANP32A underlies influenza A virus polymerase host restriction. <i>Nature</i> , 2016, 529, 101-104.	13.7	228
17	Single PA mutation as a high yield determinant of avian influenza vaccines. <i>Scientific Reports</i> , 2017, 7, 40675.	1.6	8
18	Avian and Human Seasonal Influenza Hemagglutinin Proteins Elicit CD4 T Cell Responses That Are Comparable in Epitope Abundance and Diversity. <i>Vaccine Journal</i> , 2017, 24, .	3.2	10

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19	Mutations during the Adaptation of H9N2 Avian Influenza Virus to the Respiratory Epithelium of Pigs Enhance Sialic Acid Binding Activity and Virulence in Mice. <i>Journal of Virology</i> , 2017, 91, .	1.5	29
20	Quantification of Influenza Neuraminidase Activity by Ultra-High Performance Liquid Chromatography and Isotope Dilution Mass Spectrometry. <i>Analytical Chemistry</i> , 2017, 89, 3130-3137.	3.2	15
21	In vivo evasion of MxA by avian influenza viruses requires human signature in the viral nucleoprotein. <i>Journal of Experimental Medicine</i> , 2017, 214, 1239-1248.	4.2	44
22	Evolutionary conservation of influenza A PB2 sequences reveals potential target sites for small molecule inhibitors. <i>Virology</i> , 2017, 509, 112-120.	1.1	16
23	Chemoenzymatic synthesis and characterization of <i>N</i> -glycolylneuraminic acid-carrying sialoglycopolypeptides as effective inhibitors against equine influenza virus hemagglutination. <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 1520-1528.	0.6	7
24	pH Optimum of Hemagglutinin-Mediated Membrane Fusion Determines Sensitivity of Influenza A Viruses to the Interferon-Induced Antiviral State and IFITMs. <i>Journal of Virology</i> , 2017, 91, .	1.5	54
25	Influenza. <i>Lancet, The</i> , 2017, 390, 697-708.	6.3	550
26	Pandemic and Avian Influenza A Viruses in Humans. <i>Clinics in Chest Medicine</i> , 2017, 38, 59-70.	0.8	47
27	Identification of a key amino acid in hemagglutinin that increases human-type receptor binding and transmission of an H6N2 avian influenza virus. <i>Microbes and Infection</i> , 2017, 19, 655-660.	1.0	22
28	NS1 is the fluid for flu-transmission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11012-11014.	3.3	5
29	A Highly Pathogenic Avian H7N9 Influenza Virus Isolated from A Human Is Lethal in Some Ferrets Infected via Respiratory Droplets. <i>Cell Host and Microbe</i> , 2017, 22, 615-626.e8.	5.1	121
30	Adaptive mutations of neuraminidase stalk truncation and deglycosylation confer enhanced pathogenicity of influenza A viruses. <i>Scientific Reports</i> , 2017, 7, 10928.	1.6	27
31	The power and limitations of influenza virus hemagglutinin assays. <i>Biochemistry (Moscow)</i> , 2017, 82, 1234-1248.	0.7	8
32	In vitro exposure system for study of aerosolized influenza virus. <i>Virology</i> , 2017, 500, 62-70.	1.1	15
33	Structural and functional specificity of Influenza virus haemagglutinin and paramyxovirus fusion protein anchoring peptides. <i>Virus Research</i> , 2017, 227, 183-199.	1.1	10
34	PB2 substitutions V598T/I increase the virulence of H7N9 influenza A virus in mammals. <i>Virology</i> , 2017, 501, 92-101.	1.1	34
35	Molecular Markers for Interspecies Transmission of Avian Influenza Viruses in Mammalian Hosts. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2706.	1.8	29
36	An α 2,3-Linked Sialoglycopolymer as a Multivalent Glycoligand Against Avian and Human Influenza Viruses. <i>Journal of Applied Glycoscience (1999)</i> , 2017, 64, 43-48.	0.3	8

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37	Influenza Hemagglutinin Protein Stability, Activation, and Pandemic Risk. <i>Trends in Microbiology</i> , 2018, 26, 841-853.	3.5	134
38	Kallikrein-related peptidases in lung diseases. <i>Biological Chemistry</i> , 2018, 399, 959-971.	1.2	20
39	Differences in Type I interferon response in human lung epithelial cells infected by highly pathogenic H5N1 and low pathogenic H11N1 avian influenza viruses. <i>Virus Genes</i> , 2018, 54, 414-423.	0.7	6
40	Determinant of receptor-preference switch in influenza hemagglutinin. <i>Virology</i> , 2018, 513, 98-107.	1.1	11
41	Pathogenesis and genetic characteristics of novel reassortant low-pathogenic avian influenza H7 viruses isolated from migratory birds in the Republic of Korea in the winter of 2016–2017. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-13.	3.0	17
42	Docking study of flavonoid derivatives as potent inhibitors of influenza H1N1 virus neuraminidase. <i>Biomedical Reports</i> , 2019, 10, 33-38.	0.9	40
43	Evaluation of the fusion partner cell line SPYMEG for obtaining human monoclonal antibodies against influenza B virus. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 1020-1024.	0.3	2
44	Propagation and Titration of Influenza Viruses. <i>Methods in Molecular Biology</i> , 2018, 1836, 59-88.	0.4	37
45	Novel triple-reassortant influenza viruses in pigs, Guangxi, China. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-9.	3.0	31
46	Structural and Molecular Characterization of the Hemagglutinin from the Fifth-Epidemic-Wave A(H7N9) Influenza Viruses. <i>Journal of Virology</i> , 2018, 92, .	1.5	25
47	Pathogenesis and Transmission of Genetically Diverse Swine-Origin H3N2 Variant Influenza A Viruses from Multiple Lineages Isolated in the United States, 2011–2016. <i>Journal of Virology</i> , 2018, 92, .	1.5	26
48	Nanotherapeutic Anti-influenza Solutions: Current Knowledge and Future Challenges. <i>Journal of Cluster Science</i> , 2018, 29, 933-941.	1.7	10
49	Limited pathogenicity and transmissibility of Korean highly pathogenic avian influenza H5N6 clade 2.3.4.4 in ferrets. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 923-926.	1.3	8
50	Subunit vaccines based on recombinant yeast protect against influenza A virus in a one-shot vaccination scheme. <i>Vaccine</i> , 2019, 37, 5578-5587.	1.7	5
51	Identification and in vivo Efficacy Assessment of Approved Orally Bioavailable Human Host Protein-Targeting Drugs With Broad Anti-influenza A Activity. <i>Frontiers in Immunology</i> , 2019, 10, 1097.	2.2	21
52	Identification of Key Amino Acids in the PB2 and M1 Proteins of H7N9 Influenza Virus That Affect Its Transmission in Guinea Pigs. <i>Journal of Virology</i> , 2019, 94, .	1.5	41
53	Influenza A Hemagglutinin Passage Bias Sites and Host Specificity Mutations. <i>Cells</i> , 2019, 8, 958.	1.8	6
54	Environmental Persistence of Influenza Viruses Is Dependent upon Virus Type and Host Origin. <i>MSphere</i> , 2019, 4, .	1.3	47

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55	Bayesian phylogenetic analysis of the influenza-A virus genomes isolated in Tunisia, and determination of potential recombination events. <i>Molecular Phylogenetics and Evolution</i> , 2019, 134, 253-268.	1.2	6
56	Development of American-Lineage Influenza H5N2 Reassortant Vaccine Viruses for Pandemic Preparedness. <i>Viruses</i> , 2019, 11, 543.	1.5	3
57	Better fit of codon usage of the polymerase and nucleoprotein genes to the chicken host for H7N9 than H9N2 AIVs. <i>Journal of Infection</i> , 2019, 79, 174-187.	1.7	17
58	A Site of Vulnerability on the Influenza Virus Hemagglutinin Head Domain Trimer Interface. <i>Cell</i> , 2019, 177, 1136-1152.e18.	13.5	177
59	Recent Updates on Mouse Models for Human Immunodeficiency, Influenza, and Dengue Viral Infections. <i>Viruses</i> , 2019, 11, 252.	1.5	22
60	One-step multiplex RT-qPCR for the detection and subtyping of influenza A virus in swine in Brazil. <i>Journal of Virological Methods</i> , 2019, 269, 43-48.	1.0	3
61	Transcriptome analysis of rare minnow (<i>Gobiocypris rarus</i>) infected by the grass carp reovirus. <i>Fish and Shellfish Immunology</i> , 2019, 89, 337-344.	1.6	27
62	Recombinant influenza A viruses as vaccine vectors. <i>Expert Review of Vaccines</i> , 2019, 18, 379-392.	2.0	17
63	Infection Studies in Pigs and Porcine Airway Epithelial Cells Reveal an Evolution of A(H1N1)pdm09 Influenza A Viruses Toward Lower Virulence. <i>Journal of Infectious Diseases</i> , 2019, 219, 1596-1604.	1.9	11
64	<i>Astragalus Membranaceus</i> Treatment Protects Raw264.7 Cells from Influenza Virus by Regulating G1 Phase and the TLR3-Mediated Signaling Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-10.	0.5	24
65	Adaptation of H3N2 canine influenza virus to feline cell culture. <i>PLoS ONE</i> , 2019, 14, e0223507.	1.1	2
66	The dynamic proteome of influenza A virus infection identifies M segment splicing as a host range determinant. <i>Nature Communications</i> , 2019, 10, 5518.	5.8	34
67	Transition in genetic constellations of H3N8 and H4N6 low-pathogenic avian influenza viruses isolated from an overwintering site in Japan throughout different winter seasons. <i>Archives of Virology</i> , 2020, 165, 643-659.	0.9	9
68	Influenza as a molecular walker. <i>Chemical Science</i> , 2020, 11, 27-36.	3.7	29
69	The role of miRâ€146a in viral infection. <i>IUBMB Life</i> , 2020, 72, 343-360.	1.5	55
70	Dysregulated Host Responses Underlie 2009 Pandemic Influenza-Methicillin Resistant <i>Staphylococcus aureus</i> Coinfection Pathogenesis at the Alveolar-Capillary Barrier. <i>Cells</i> , 2020, 9, 2472.	1.8	3
71	Influenza Hemagglutinin Head Domain Mimicry by Rational Design. <i>Protein Journal</i> , 2020, 39, 434-448.	0.7	1
72	A panel of anti-influenza virus nucleoprotein antibodies selected from phage-displayed synthetic antibody libraries with rapid diagnostic capability to distinguish diverse influenza virus subtypes. <i>Scientific Reports</i> , 2020, 10, 13318.	1.6	5

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73	Cell-penetrating peptide-mediated cell entry of H5N1 highly pathogenic avian influenza virus. <i>Scientific Reports</i> , 2020, 10, 18008.	1.6	6
74	Mutation of the second sialic acid-binding site of influenza A virus neuraminidase drives compensatory mutations in hemagglutinin. <i>PLoS Pathogens</i> , 2020, 16, e1008816.	2.1	19
75	Second sialic acid-binding site of influenza A virus neuraminidase: binding receptors for efficient release. <i>FEBS Journal</i> , 2021, 288, 5598-5612.	2.2	25
76	Vaccine hesitancy. <i>Wiener Klinische Wochenschrift</i> , 2020, 132, 243-252.	1.0	4
77	Modeling analysis revealed the distinct global transmission patterns of influenza A viruses and their influencing factors. <i>Integrative Zoology</i> , 2021, 16, 788-797.	1.3	5
78	A unique feature of swine ANP32A provides susceptibility to avian influenza virus infection in pigs. <i>PLoS Pathogens</i> , 2020, 16, e1008330.	2.1	32
79	Adaption and parallel evolution of human-isolated H5 avian influenza viruses. <i>Journal of Infection</i> , 2020, 80, 630-638.	1.7	10
80	A Broad and Potent H1-Specific Human Monoclonal Antibody Produced in Plants Prevents Influenza Virus Infection and Transmission in Guinea Pigs. <i>Viruses</i> , 2020, 12, 167.	1.5	7
81	Human Influenza Virus Hemagglutinins Contain Conserved Oligomannose N-Linked Glycans Allowing Potent Neutralization by Lectins. <i>Cell Host and Microbe</i> , 2020, 27, 725-735.e5.	5.1	22
82	Human Susceptibility to Influenza Infection and Severe Disease. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2021, 11, a038711.	2.9	13
85	RNA Helicase A Regulates the Replication of RNA Viruses. <i>Viruses</i> , 2021, 13, 361.	1.5	7
86	Autopsies in pandemics – a perspective on barriers and benefits. Is it time for a revival?. <i>Apmis</i> , 2021, 129, 324-339.	0.9	5
87	A Dynamic, Supramolecular View on the Multivalent Interaction between Influenza Virus and Host Cell. <i>Small</i> , 2021, 17, e2007214.	5.2	32
88	Hemagglutinin Stability and Its Impact on Influenza A Virus Infectivity, Pathogenicity, and Transmissibility in Avians, Mice, Swine, Seals, Ferrets, and Humans. <i>Viruses</i> , 2021, 13, 746.	1.5	39
89	Epigenetic reprogramming mechanisms of immunity during influenza A virus infection. <i>Microbes and Infection</i> , 2021, 23, 104831.	1.0	3
90	Avian Influenza H7N9 Virus Adaptation to Human Hosts. <i>Viruses</i> , 2021, 13, 871.	1.5	3
91	GP96 Drives Exacerbation of Secondary Bacterial Pneumonia following Influenza A Virus Infection. <i>MBio</i> , 2021, 12, e0326920.	1.8	15
92	Comparison of genomic and antigenic properties of Newcastle Disease virus genotypes II, XXI and VII from Egypt do not point to antigenic drift as selection marker. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 849-863.	1.3	11

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93	Knowledge, Attitudes, and Risk Perception Toward Avian Influenza Virus Exposure Among Cuban Hunters. <i>Frontiers in Public Health</i> , 2021, 9, 644786.	1.3	0
94	Biological role of miRNA-146a at virus infections. Modern strategy of search of new safe pharmacological agents for treatment. <i>Reviews on Clinical Pharmacology and Drug Therapy</i> , 2021, 19, 145-174.	0.2	1
95	Canonical features of human antibodies recognizing the influenza hemagglutinin trimer interface. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	20
96	SARS-CoV-2: lessons from both the history of medicine and from the biological behavior of other well-known viruses. <i>Future Microbiology</i> , 2021, 16, 1105-1133.	1.0	11
97	PA N substitutions A37S, A37S/I61T and A37S/V63I attenuate the replication of H7N7 influenza A virus by impairing the polymerase and endonuclease activities. <i>Journal of General Virology</i> , 2017, 98, 364-373.	1.3	5
99	In-Depth Analysis of HA and NS1 Genes in A(H1N1)pdm09 Infected Patients. <i>PLoS ONE</i> , 2016, 11, e0155661.	1.1	2
100	Synergy between the classical and alternative pathways of complement is essential for conferring effective protection against the pandemic influenza A(H1N1) 2009 virus infection. <i>PLoS Pathogens</i> , 2017, 13, e1006248.	2.1	38
101	Emerging highly pathogenic H5 avian influenza viruses in France during winter 2015/16: phylogenetic analyses and markers for zoonotic potential. <i>Eurosurveillance</i> , 2017, 22, .	3.9	48
102	Influenza A virus surface proteins are organized to help penetrate host mucus. <i>ELife</i> , 2019, 8, .	2.8	106
103	Serologic Evidence of Occupational Exposure to Avian Influenza Viruses at the Wildfowl/Poultry/Human Interface. <i>Microorganisms</i> , 2021, 9, 2153.	1.6	9
104	An Expert System Oriented towards the Detection of Influenza and Dengue Developed on Mobile Platforms. <i>Journal of Software Engineering and Applications</i> , 2015, 08, 295-301.	0.8	1
105	GÃ¼ncel Viral Etkenler; ZÄ°KA, CHÄ°KUNGLUNYA, EBOLA, ENTEROVÄ°RUS D68, MERS CoV, Ä°nfluenza. <i>Kocaeli Ä°niversitesi SaÄ°Ä±k Bilimleri Dergisi</i> , 2016, 2, 11-16.	0.3	2
106	CLINICAL CHARACTERISTICS AND RADIOLOGICAL MANIFESTATIONS IN INFLUENZA A AND (H1N1) SWINE FLU INFECTION: OUR EXPERIENCE. <i>Journal of Evidence Based Medicine and Healthcare</i> , 2018, 5, 1920-1925.	0.0	0
108	Genetic Characterization of H7-subtype Avian Influenza Viruses. <i>Korean Journal of Poultry Science</i> , 2019, 46, 173-183.	0.1	0
109	Prologue: Avian Influenza - An Overview from Endemic to Pandemic. , 0, , .		0
110	Pandemic Influenza A Virus (pH1N1). <i>Livestock Diseases and Management</i> , 2020, , 135-144.	0.5	0
113	Avian Influenza Virus. <i>Livestock Diseases and Management</i> , 2020, , 111-133.	0.5	0
115	Genetic Characterization of Novel H7Nx Low Pathogenic Avian Influenza Viruses from Wild Birds in South Korea during the Winter of 2020â€“2021. <i>Viruses</i> , 2021, 13, 2274.	1.5	2

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116	Carbonized Nanogels Derived from Quercetin as a Potential Antiviral and Anti-Inflammatory Agent Against Influenza A Virus. SSRN Electronic Journal, 0, , .	0.4	0
117	Pathogenesis and genetic characteristics of low pathogenic avian influenza H10 viruses isolated from migratory birds in South Korea during 2010–2019. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 2588-2599.	1.3	4
118	Porcine Deltacoronavirus Utilizes Sialic Acid as an Attachment Receptor and Trypsin Can Influence the Binding Activity. <i>Viruses</i> , 2021, 13, 2442.	1.5	13
119	Effects of Receptor Specificity and Conformational Stability of Influenza A Virus Hemagglutinin on Infection and Activation of Different Cell Types in Human PBMCs. <i>Frontiers in Immunology</i> , 2022, 13, 827760.	2.2	1
122	Partial carbonization of quercetin boosts the antiviral activity against H1N1 influenza A virus. <i>Journal of Colloid and Interface Science</i> , 2022, 622, 481-493.	5.0	9
123	[Review] Synthesis of Glycosyl Derivatives and Glycomaterials Based on Direct Activation of Unprotected Sugars. <i>Bulletin of Applied Glycoscience</i> , 2019, 9, 17-27.	0.0	0
124	Adaptation of the H7N2 Feline Influenza Virus to Human Respiratory Cell Culture. <i>Viruses</i> , 2022, 14, 1091.	1.5	1
125	Improved method for avian influenza virus isolation from environmental water samples. <i>Transboundary and Emerging Diseases</i> , 2022, 69, .	1.3	5
126	Broadly Protective Neuraminidase-Based Influenza Vaccines and Monoclonal Antibodies: Target Epitopes and Mechanisms of Action. <i>Viruses</i> , 2023, 15, 200.	1.5	1
127	In situ derived sulfated/sulfonated carbon nanogels with multi-protective effects against influenza a virus. <i>Chemical Engineering Journal</i> , 2023, 458, 141429.	6.6	3
128	Avian H7N9 influenza viruses are evolutionarily constrained by stochastic processes during replication and transmission in mammals. <i>Virus Evolution</i> , 2023, 9, .	2.2	2
129	Different Biophysical Properties of Cell Surface α 2,3- and α 2,6-Sialoglycans Revealed by Electron Paramagnetic Resonance Spectroscopic Studies. <i>Journal of Physical Chemistry B</i> , 2023, 127, 1749-1757.	1.2	4
130	Pseudotyped Viruses for Influenza. <i>Advances in Experimental Medicine and Biology</i> , 2023, , 153-173.	0.8	0
131	Influenza Viruses. <i>Physician Assistant Clinics</i> , 2023, , .	0.1	0
135	Co-evolution of immunity and seasonal influenza viruses. <i>Nature Reviews Microbiology</i> , 2023, 21, 805-817.	13.6	8
136	An Updated Review on Influenza Viruses. , 2023, , 71-106.		0