

Ron A M Fouchier

List of Publications by Year in descending order

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455
papers

67,172
citations

1231

110
h-index

906

241
g-index

491
all docs

491
docs citations

491
times ranked

42304
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation of a Novel Coronavirus from a Man with Pneumonia in Saudi Arabia. <i>New England Journal of Medicine</i> , 2012, 367, 1814-1820.	13.9	4,688
2	Identification of a Novel Coronavirus in Patients with Severe Acute Respiratory Syndrome. <i>New England Journal of Medicine</i> , 2003, 348, 1967-1976.	13.9	3,971
3	Characterization of a Novel Coronavirus Associated with Severe Acute Respiratory Syndrome. <i>Science</i> , 2003, 300, 1394-1399.	6.0	2,238
4	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
5	A newly discovered human pneumovirus isolated from young children with respiratory tract disease. <i>Nature Medicine</i> , 2001, 7, 719-724.	15.2	1,821
6	Dipeptidyl peptidase 4 is a functional receptor for the emerging human coronavirus-EMC. <i>Nature</i> , 2013, 495, 251-254.	13.7	1,731
7	Global Patterns of Influenza A Virus in Wild Birds. <i>Science</i> , 2006, 312, 384-388.	6.0	1,619
8	Mapping the Antigenic and Genetic Evolution of Influenza Virus. <i>Science</i> , 2004, 305, 371-376.	6.0	1,527
9	Airborne Transmission of Influenza A/H5N1 Virus Between Ferrets. <i>Science</i> , 2012, 336, 1534-1541.	6.0	1,416
10	Characterization of a Novel Influenza A Virus Hemagglutinin Subtype (H16) Obtained from Black-Headed Gulls. <i>Journal of Virology</i> , 2005, 79, 2814-2822.	1.5	1,274
11	Commentary: Middle East Respiratory Syndrome Coronavirus (MERS-CoV): Announcement of the Coronavirus Study Group. <i>Journal of Virology</i> , 2013, 87, 7790-7792.	1.5	1,012
12	Newly discovered coronavirus as the primary cause of severe acute respiratory syndrome. <i>Lancet, The</i> , 2003, 362, 263-270.	6.3	956
13	Avian influenza A virus (H7N7) associated with human conjunctivitis and a fatal case of acute respiratory distress syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 1356-1361.	3.3	953
14	Influenza. <i>Nature Reviews Disease Primers</i> , 2018, 4, 3.	18.1	880
15	Comparative pathogenesis of COVID-19, MERS, and SARS in a nonhuman primate model. <i>Science</i> , 2020, 368, 1012-1015.	6.0	802
16	Phenotype-associated sequence variation in the third variable domain of the human immunodeficiency virus type 1 gp120 molecule. <i>Journal of Virology</i> , 1992, 66, 3183-3187.	1.5	781
17	Genomic Characterization of a Newly Discovered Coronavirus Associated with Acute Respiratory Distress Syndrome in Humans. <i>MBio</i> , 2012, 3, .	1.8	766
18	Transmission of H7N7 avian influenza A virus to human beings during a large outbreak in commercial poultry farms in the Netherlands. <i>Lancet, The</i> , 2004, 363, 587-593.	6.3	731

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19	Koch's postulates fulfilled for SARS virus. <i>Nature</i> , 2003, 423, 240-240.	13.7	726
20	The Global Circulation of Seasonal Influenza A (H3N2) Viruses. <i>Science</i> , 2008, 320, 340-346.	6.0	628
21	Spatial, Temporal, and Species Variation in Prevalence of Influenza A Viruses in Wild Migratory Birds. <i>PLoS Pathogens</i> , 2007, 3, e61.	2.1	591
22	H5N1 Virus Attachment to Lower Respiratory Tract. <i>Science</i> , 2006, 312, 399-399.	6.0	573
23	Pathogenesis and Transmission of Swine-Origin 2009 A(H1N1) Influenza Virus in Ferrets. <i>Science</i> , 2009, 325, 481-483.	6.0	544
24	SARS virus infection of cats and ferrets. <i>Nature</i> , 2003, 425, 915-915.	13.7	542
25	A previously undescribed coronavirus associated with respiratory disease in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 6212-6216.	3.3	518
26	Substitutions Near the Receptor Binding Site Determine Major Antigenic Change During Influenza Virus Evolution. <i>Science</i> , 2013, 342, 976-979.	6.0	500
27	Human and Avian Influenza Viruses Target Different Cells in the Lower Respiratory Tract of Humans and Other Mammals. <i>American Journal of Pathology</i> , 2007, 171, 1215-1223.	1.9	473
28	Detection of a novel human coronavirus by real-time reverse-transcription polymerase chain reaction. <i>Eurosurveillance</i> , 2012, 17, .	3.9	465
29	Transmission routes of respiratory viruses among humans. <i>Current Opinion in Virology</i> , 2018, 28, 142-151.	2.6	440
30	Pathogenesis of influenza-induced acute respiratory distress syndrome. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 57-69.	4.6	412
31	Taxonomy of the order Mononegavirales: update 2016. <i>Archives of Virology</i> , 2016, 161, 2351-2360.	0.9	407
32	Avian Influenza H5N1 in Tigers and Leopards. <i>Emerging Infectious Diseases</i> , 2004, 10, 2189-2191.	2.0	405
33	SARS-CoV-2 is transmitted via contact and via the air between ferrets. <i>Nature Communications</i> , 2020, 11, 3496.	5.8	395
34	Analysis of the Genomic Sequence of a Human Metapneumovirus. <i>Virology</i> , 2002, 295, 119-132.	1.1	382
35	Antibody landscapes after influenza virus infection or vaccination. <i>Science</i> , 2014, 346, 996-1000.	6.0	379
36	Detection of Influenza A Viruses from Different Species by PCR Amplification of Conserved Sequences in the Matrix Gene. <i>Journal of Clinical Microbiology</i> , 2000, 38, 4096-4101.	1.8	378

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37	Avian H5N1 Influenza in Cats. <i>Science</i> , 2004, 306, 241-241.	6.0	374
38	Wild Ducks as Long-Distance Vectors of Highly Pathogenic Avian Influenza Virus (H5N1). <i>Emerging Infectious Diseases</i> , 2008, 14, 600-607.	2.0	374
39	Pegylated interferon- β protects type 1 pneumocytes against SARS coronavirus infection in macaques. <i>Nature Medicine</i> , 2004, 10, 290-293.	15.2	371
40	Prevalence and Clinical Symptoms of Human Metapneumovirus Infection in Hospitalized Patients. <i>Journal of Infectious Diseases</i> , 2003, 188, 1571-1577.	1.9	370
41	Role for migratory wild birds in the global spread of avian influenza H5N8. <i>Science</i> , 2016, 354, 213-217.	6.0	362
42	Role of receptor binding specificity in influenza A virus transmission and pathogenesis. <i>EMBO Journal</i> , 2014, 33, 823-841.	3.5	340
43	Antigenic and Genetic Variability of Human Metapneumoviruses. <i>Emerging Infectious Diseases</i> , 2004, 10, 658-666.	2.0	329
44	HIV-1 infection of non-dividing cells: evidence that the amino-terminal basic region of the viral matrix protein is important for Gag processing but not for post-entry nuclear import. <i>EMBO Journal</i> , 1997, 16, 4531-4539.	3.5	327
45	Influenza B Virus in Seals. <i>Science</i> , 2000, 288, 1051-1053.	6.0	316
46	The challenges of eliciting neutralizing antibodies to HIV-1 and to influenza virus. <i>Nature Reviews Microbiology</i> , 2008, 6, 143-155.	13.6	298
47	The Potential for Respiratory Droplet-Transmissible A/H5N1 Influenza Virus to Evolve in a Mammalian Host. <i>Science</i> , 2012, 336, 1541-1547.	6.0	286
48	Real-Time Reverse Transcriptase PCR Assay for Detection of Human Metapneumoviruses from All Known Genetic Lineages. <i>Journal of Clinical Microbiology</i> , 2004, 42, 981-986.	1.8	284
49	Immune responses to influenza virus infection. <i>Virus Research</i> , 2011, 162, 19-30.	1.1	270
50	Relation of phenotype evolution of HIV-1 to envelope V2 configuration. <i>Science</i> , 1993, 260, 1513-1516.	6.0	267
51	Influenza A Virus (H5N1) Infection in Cats Causes Systemic Disease with Potential Novel Routes of Virus Spread within and between Hosts. <i>American Journal of Pathology</i> , 2006, 168, 176-183.	1.9	252
52	Clinical impact and diagnosis of human metapneumovirus infection. <i>Pediatric Infectious Disease Journal</i> , 2004, 23, S25-S32.	1.1	251
53	Evidence for a newly discovered cellular anti-HIV-1 phenotype. <i>Nature Medicine</i> , 1998, 4, 1397-1400.	15.2	249
54	Identification, Characterization, and Natural Selection of Mutations Driving Airborne Transmission of A/H5N1 Virus. <i>Cell</i> , 2014, 157, 329-339.	13.5	237

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55	Pathogenesis of Influenza A (H5N1) Virus Infection in a Primate Model. <i>Journal of Virology</i> , 2001, 75, 6687-6691.	1.5	230
56	Taxonomy of the order Mononegavirales: update 2019. <i>Archives of Virology</i> , 2019, 164, 1967-1980.	0.9	224
57	ICTV Virus Taxonomy Profile: Pneumoviridae. <i>Journal of General Virology</i> , 2017, 98, 2912-2913.	1.3	215
58	Surveillance of Influenza Virus A in Migratory Waterfowl in Northern Europe. <i>Emerging Infectious Diseases</i> , 2007, 13, 404-411.	2.0	214
59	PUBLIC HEALTH: Pathogen Surveillance in Animals. <i>Science</i> , 2005, 309, 1680-1681.	6.0	210
60	Cross-Recognition of Avian H5N1 Influenza Virus by Human Cytotoxic T-Lymphocyte Populations Directed to Human Influenza A Virus. <i>Journal of Virology</i> , 2008, 82, 5161-5166.	1.5	210
61	Influenza vaccine strain selection and recent studies on the global migration of seasonal influenza viruses. <i>Vaccine</i> , 2008, 26, D31-D34.	1.7	208
62	Primary influenza A virus infection induces cross-protective immunity against a lethal infection with a heterosubtypic virus strain in mice. <i>Vaccine</i> , 2007, 25, 612-620.	1.7	201
63	Virulence-Associated Substitution D222G in the Hemagglutinin of 2009 Pandemic Influenza A(H1N1) Virus Affects Receptor Binding. <i>Journal of Virology</i> , 2010, 84, 11802-11813.	1.5	197
64	Dengue viruses cluster antigenically but not as discrete serotypes. <i>Science</i> , 2015, 349, 1338-1343.	6.0	195
65	Hampered Foraging and Migratory Performance in Swans Infected with Low-Pathogenic Avian Influenza A Virus. <i>PLoS ONE</i> , 2007, 2, e184.	1.1	195
66	ICTV Virus Taxonomy Profile: Paramyxoviridae. <i>Journal of General Virology</i> , 2019, 100, 1593-1594.	1.3	194
67	NAction! How Can Neuraminidase-Based Immunity Contribute to Better Influenza Virus Vaccines?. <i>MBio</i> , 2018, 9, .	1.8	192
68	HIV-1 Infection Requires a Functional Integrase NLS. <i>Molecular Cell</i> , 2001, 7, 1025-1035.	4.5	189
69	Discordant antigenic drift of neuraminidase and hemagglutinin in H1N1 and H3N2 influenza viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 20748-20753.	3.3	188
70	Mallards and Highly Pathogenic Avian Influenza Ancestral Viruses, Northern Europe. <i>Emerging Infectious Diseases</i> , 2005, 11, 1545-1551.	2.0	187
71	2020 taxonomic update for phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2020, 165, 3023-3072.	0.9	184
72	Efficient Replication of the Novel Human Betacoronavirus EMC on Primary Human Epithelium Highlights Its Zoonotic Potential. <i>MBio</i> , 2013, 4, e00611-12.	1.8	183

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73	Limited airborne transmission of H7N9 influenza A virus between ferrets. <i>Nature</i> , 2013, 501, 560-563.	13.7	182
74	Human Coronavirus EMC Does Not Require the SARS-Coronavirus Receptor and Maintains Broad Replicative Capability in Mammalian Cell Lines. <i>MBio</i> , 2012, 3, .	1.8	180
75	The next phase of SARS-CoV-2 surveillance: real-time molecular epidemiology. <i>Nature Medicine</i> , 2021, 27, 1518-1524.	15.2	178
76	Effects of influenza A virus infection on migrating mallard ducks. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 1029-1036.	1.2	174
77	Taxonomy of the order Mononegavirales: update 2017. <i>Archives of Virology</i> , 2017, 162, 2493-2504.	0.9	173
78	Efficient generation and growth of influenza virus A/PR/8/34 from eight cDNA fragments. <i>Virus Research</i> , 2004, 103, 155-161.	1.1	171
79	MERS: emergence of a novel human coronavirus. <i>Current Opinion in Virology</i> , 2014, 5, 58-62.	2.6	170
80	Antigenic and Genetic Evolution of Swine Influenza A (H3N2) Viruses in Europe. <i>Journal of Virology</i> , 2007, 81, 4315-4322.	1.5	169
81	Interaction of the Human Immunodeficiency Virus Type 1 Vpr Protein with the Nuclear Pore Complex. <i>Journal of Virology</i> , 1998, 72, 6004-6013.	1.5	168
82	Human Metapneumovirus: Lessons Learned over the First Decade. <i>Clinical Microbiology Reviews</i> , 2011, 24, 734-754.	5.7	167
83	Antigenic Drift in the Influenza A Virus (H3N2) Nucleoprotein and Escape from Recognition by Cytotoxic T Lymphocytes. <i>Journal of Virology</i> , 2000, 74, 6800-6807.	1.5	164
84	Changing Virus-Host Interactions in the Course of HIV-1 Infection. <i>Immunological Reviews</i> , 1994, 140, 35-72.	2.8	161
85	An optimized enzyme-linked lectin assay to measure influenza A virus neuraminidase inhibition antibody titers in human sera. <i>Journal of Virological Methods</i> , 2014, 210, 7-14.	1.0	159
86	Influenza virus damages the alveolar barrier by disrupting epithelial cell tight junctions. <i>European Respiratory Journal</i> , 2016, 47, 954-966.	3.1	158
87	How a virus travels the world. <i>Science</i> , 2015, 347, 616-617.	6.0	156
88	Prevalence of Antibodies against Seasonal Influenza A and B Viruses in Children in Netherlands. <i>Vaccine Journal</i> , 2011, 18, 469-476.	3.2	155
89	Ancient hepatitis B viruses from the Bronze Age to the Medieval period. <i>Nature</i> , 2018, 557, 418-423.	13.7	155
90	Taxonomy of the order Mononegavirales: update 2018. <i>Archives of Virology</i> , 2018, 163, 2283-2294.	0.9	153

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91	Molecular Determinants of Adaptation of Highly Pathogenic Avian Influenza H7N7 Viruses to Efficient Replication in the Human Host. <i>Journal of Virology</i> , 2010, 84, 1597-1606.	1.5	148
92	<i>In Vitro</i> Assessment of Attachment Pattern and Replication Efficiency of H5N1 Influenza A Viruses with Altered Receptor Specificity. <i>Journal of Virology</i> , 2010, 84, 6825-6833.	1.5	146
93	Seasonal and Pandemic Human Influenza Viruses Attach Better to Human Upper Respiratory Tract Epithelium than Avian Influenza Viruses. <i>American Journal of Pathology</i> , 2010, 176, 1614-1618.	1.9	146
94	The global antigenic diversity of swine influenza A viruses. <i>ELife</i> , 2016, 5, e12217.	2.8	146
95	Experimental Human Metapneumovirus Infection of Cynomolgus Macaques (<i>Macaca fascicularis</i>) Results in Virus Replication in Ciliated Epithelial Cells and Pneumocytes with Associated Lesions throughout the Respiratory Tract. <i>American Journal of Pathology</i> , 2004, 164, 1893-1900.	1.9	145
96	Adenosine Deaminase Acts as a Natural Antagonist for Dipeptidyl Peptidase 4-Mediated Entry of the Middle East Respiratory Syndrome Coronavirus. <i>Journal of Virology</i> , 2014, 88, 1834-1838.	1.5	141
97	Multiple introductions of H5N1 in Nigeria. <i>Nature</i> , 2006, 442, 37-37.	13.7	137
98	Genomewide Analysis of Reassortment and Evolution of Human Influenza A(H3N2) Viruses Circulating between 1968 and 2011. <i>Journal of Virology</i> , 2014, 88, 2844-2857.	1.5	137
99	Host adaptation and transmission of influenza A viruses in mammals. <i>Emerging Microbes and Infections</i> , 2014, 3, 1-10.	3.0	132
100	The regulation of primate immunodeficiency virus infectivity by Vif is cell species restricted: a role for Vif in determining virus host range and cross-species transmission. <i>EMBO Journal</i> , 1998, 17, 1259-1267.	3.5	131
101	Influenza A viruses are transmitted via the air from the nasal respiratory epithelium of ferrets. <i>Nature Communications</i> , 2020, 11, 766.	5.8	130
102	The Molecular Basis of the Pathogenicity of the Dutch Highly Pathogenic Human Influenza A H7N7 Viruses. <i>Journal of Infectious Diseases</i> , 2007, 196, 258-265.	1.9	129
103	Practical Considerations for High-Throughput Influenza A Virus Surveillance Studies of Wild Birds by Use of Molecular Diagnostic Tests. <i>Journal of Clinical Microbiology</i> , 2009, 47, 666-673.	1.8	126
104	Introduction of Virulence Markers in PB2 of Pandemic Swine-Origin Influenza Virus Does Not Result in Enhanced Virulence or Transmission. <i>Journal of Virology</i> , 2010, 84, 3752-3758.	1.5	126
105	The Multibasic Cleavage Site in H5N1 Virus Is Critical for Systemic Spread along the Olfactory and Hematogenous Routes in Ferrets. <i>Journal of Virology</i> , 2012, 86, 3975-3984.	1.5	126
106	Emergence and spread of novel H5N8, H5N5 and H5N1 clade 2.3.4.4 highly pathogenic avian influenza in 2020. <i>Emerging Microbes and Infections</i> , 2021, 10, 148-151.	3.0	125
107	Recognition of Homo- and Heterosubtypic Variants of Influenza A Viruses by Human CD8+ T Lymphocytes. <i>Journal of Immunology</i> , 2004, 172, 2453-2460.	0.4	121
108	Severity of Pneumonia Due to New H1N1 Influenza Virus in Ferrets Is Intermediate between That Due to Seasonal H1N1 Virus and Highly Pathogenic Avian Influenza H5N1 Virus. <i>Journal of Infectious Diseases</i> , 2010, 201, 993-999.	1.9	121

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109	Juveniles and migrants as drivers for seasonal epizootics of avian influenza virus. <i>Journal of Animal Ecology</i> , 2014, 83, 266-275.	1.3	121
110	Highly Pathogenic Avian Influenza Viruses at the Wildâ€œDomestic Bird Interface in Europe: Future Directions for Research and Surveillance. <i>Viruses</i> , 2021, 13, 212.	1.5	121
111	SARS-CoV and SARS-CoV-2 are transmitted through the air between ferrets over more than one meter distance. <i>Nature Communications</i> , 2021, 12, 1653.	5.8	120
112	Pathogenesis of influenza virus infections: the good, the bad and the ugly. <i>Current Opinion in Virology</i> , 2012, 2, 276-286.	2.6	119
113	Phenotype-associated env gene variation among eight related human immunodeficiency virus type 1 clones: evidence for in vivo recombination and determinants of cytotropism outside the V3 domain. <i>Journal of Virology</i> , 1992, 66, 6175-6180.	1.5	119
114	The Magnitude and Specificity of Influenza A Virus-Specific Cytotoxic T-Lymphocyte Responses in Humans Is Related to HLA-A and -B Phenotype. <i>Journal of Virology</i> , 2002, 76, 582-590.	1.5	118
115	Defining the risk of SARS-CoV-2 variants on immune protection. <i>Nature</i> , 2022, 605, 640-652.	13.7	117
116	Phenotypic heterogeneity in a panel of infectious molecular human immunodeficiency virus type 1 clones derived from a single individual. <i>Journal of Virology</i> , 1991, 65, 1968-1975.	1.5	115
117	Influenza virus-specific cytotoxic T lymphocytes: a correlate of protection and a basis for vaccine development. <i>Current Opinion in Biotechnology</i> , 2007, 18, 529-536.	3.3	111
118	Identification of small-animal and primate models for evaluation of vaccine candidates for human metapneumovirus (hMPV) and implications for hMPV vaccine design. <i>Journal of General Virology</i> , 2004, 85, 1655-1663.	1.3	110
119	Surveillance of Wild Birds for Avian Influenza Virus. <i>Emerging Infectious Diseases</i> , 2010, 16, 1827-1834.	2.0	110
120	Armed oncolytic viruses: A kick-start for anti-tumor immunity. <i>Cytokine and Growth Factor Reviews</i> , 2018, 41, 28-39.	3.2	110
121	Cross-protective immunity against influenza pH1N1 2009 viruses induced by seasonal influenza A (H3N2) virus is mediated by virus-specific T-cells. <i>Journal of General Virology</i> , 2011, 92, 2339-2349.	1.3	108
122	Diverse variola virus (smallpox) strains were widespread in northern Europe in the Viking Age. <i>Science</i> , 2020, 369, .	6.0	108
123	Simple determination of human immunodeficiency virus type 1 syncytium-inducing V3 genotype by PCR. <i>Journal of Clinical Microbiology</i> , 1995, 33, 906-911.	1.8	108
124	Inhibition of Influenza Virus Replication by Nitric Oxide. <i>Journal of Virology</i> , 1999, 73, 8880-8883.	1.5	107
125	Molecular and antigenic evolution and geographical spread of H5N1 highly pathogenic avian influenza viruses in western Africa. <i>Journal of General Virology</i> , 2007, 88, 2297-2306.	1.3	106
126	Human metapneumovirus in the community. <i>Lancet, The</i> , 2003, 361, 890-891.	6.3	104

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127	Nuclear Import of Human Immunodeficiency Virus Type-1 Preintegration Complexes. <i>Advances in Virus Research</i> , 1999, 52, 275-299.	0.9	103
128	Sequence Variation in a Newly Identified HLA-B35-Restricted Epitope in the Influenza A Virus Nucleoprotein Associated with Escape from Cytotoxic T Lymphocytes. <i>Journal of Virology</i> , 2002, 76, 2567-2572.	1.5	103
129	Long-term variation in influenza A virus prevalence and subtype diversity in migratory mallards in northern Europe. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140098.	1.2	103
130	Continuing progress towards a unified nomenclature for the highly pathogenic H5N1 avian influenza viruses: divergence of clade 2A.2 viruses. <i>Influenza and Other Respiratory Viruses</i> , 2009, 3, 59-62.	1.5	102
131	Human Cytotoxic T Lymphocytes Directed to Seasonal Influenza A Viruses Cross-React with the Newly Emerging H7N9 Virus. <i>Journal of Virology</i> , 2014, 88, 1684-1693.	1.5	101
132	Influenza Virus: a Master of Metamorphosis. <i>Journal of Infection</i> , 2000, 40, 218-228.	1.7	100
133	Receptor-Binding Profiles of H7 Subtype Influenza Viruses in Different Host Species. <i>Journal of Virology</i> , 2012, 86, 4370-4379.	1.5	96
134	Pathogenesis of Influenza A/H5N1 Virus Infection in Ferrets Differs between Intranasal and Intratracheal Routes of Inoculation. <i>American Journal of Pathology</i> , 2011, 179, 30-36.	1.9	95
135	Sequence variation in the influenza A virus nucleoprotein associated with escape from cytotoxic T lymphocytes. <i>Virus Research</i> , 2004, 103, 97-100.	1.1	94
136	Vaccination against Seasonal Influenza A/H3N2 Virus Reduces the Induction of Heterosubtypic Immunity against Influenza A/H5N1 Virus Infection in Ferrets. <i>Journal of Virology</i> , 2011, 85, 2695-2702.	1.5	94
137	Avian influenza virus: Of virus and bird ecology. <i>Vaccine</i> , 2009, 27, 6340-6344.	1.7	93
138	Recovery of Human Metapneumovirus Genetic Lineages A and B from Cloned cDNA. <i>Journal of Virology</i> , 2004, 78, 8264-8270.	1.5	92
139	Avian Influenza A(H10N7) Virus Associated Mass Deaths among Harbor Seals. <i>Emerging Infectious Diseases</i> , 2015, 21, 720-722.	2.0	92
140	Global epidemiology of non-influenza RNA respiratory viruses: data gaps and a growing need for surveillance. <i>Lancet Infectious Diseases</i> , The, 2017, 17, e320-e326.	4.6	92
141	Epidemiology of low pathogenic avian influenza viruses in wild birds. <i>OIE Revue Scientifique Et Technique</i> , 2009, 28, 49-58.	0.5	91
142	Effects of Human Metapneumovirus and Respiratory Syncytial Virus Antigen Insertion in Two Proximal Genome Positions of Bovine/Human Parainfluenza Virus Type 3 on Virus Replication and Immunogenicity. <i>Journal of Virology</i> , 2003, 77, 10819-10828.	1.5	90
143	Infection of mice with a human influenza A/H3N2 virus induces protective immunity against lethal infection with influenza A/H5N1 virus. <i>Vaccine</i> , 2009, 27, 4983-4989.	1.7	90
144	Functional Constraints of Influenza A Virus Epitopes Limit Escape from Cytotoxic T Lymphocytes. <i>Journal of Virology</i> , 2005, 79, 11239-11246.	1.5	89

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145	Evolutionary dynamics of human and avian metapneumoviruses. <i>Journal of General Virology</i> , 2008, 89, 2933-2942.	1.3	89
146	Antigenic and Genetic Evolution of Equine Influenza A (H3N8) Virus from 1968 to 2007. <i>Journal of Virology</i> , 2011, 85, 12742-12749.	1.5	89
147	Vaccination against Human Influenza A/H3N2 Virus Prevents the Induction of Heterosubtypic Immunity against Lethal Infection with Avian Influenza A/H5N1 Virus. <i>PLoS ONE</i> , 2009, 4, e5538.	1.1	89
148	Wild bird surveillance around outbreaks of highly pathogenic avian influenza A(H5N8) virus in the Netherlands, 2014, within the context of global flyways. <i>Eurosurveillance</i> , 2015, 20, .	3.9	89
149	Antigenic cartography of SARS-CoV-2 reveals that Omicron BA.1 and BA.2 are antigenically distinct. <i>Science Immunology</i> , 2022, 7, .	5.6	89
150	Isolation and Characterization of Monoclonal Antibodies Which Neutralize Human Metapneumovirus In Vitro and In Vivo. <i>Journal of Virology</i> , 2006, 80, 7799-7806.	1.5	88
151	Influenza A virus transmission via respiratory aerosols or droplets as it relates to pandemic potential. <i>FEMS Microbiology Reviews</i> , 2016, 40, 68-85.	3.9	86
152	Influenza A Virus Surveillance in Wild Birds in Northern Europe in 1999 and 2000. <i>Avian Diseases</i> , 2003, 47, 857-860.	0.4	85
153	Productive HIV-1 infection of macrophages restricted to the cell fraction with proliferative capacity.. <i>EMBO Journal</i> , 1994, 13, 5929-5936.	3.5	84
154	Annual Vaccination against Influenza Virus Hampers Development of Virus-Specific CD8 ⁺ T Cell Immunity in Children. <i>Journal of Virology</i> , 2011, 85, 11995-12000.	1.5	84
155	Quantifying Antigenic Relationships among the Lyssaviruses. <i>Journal of Virology</i> , 2010, 84, 11841-11848.	1.5	83
156	Avian Influenza Viruses in Wild Birds: Virus Evolution in a Multihost Ecosystem. <i>Journal of Virology</i> , 2018, 92, .	1.5	83
157	Recombinant Modified Vaccinia Virus Ankara-Based Vaccine Induces Protective Immunity in Mice against Infection with Influenza Virus H5N1. <i>Journal of Infectious Diseases</i> , 2007, 195, 1598-1606.	1.9	82
158	Predicting "airborne"™ influenza viruses: (trans-) mission impossible?. <i>Current Opinion in Virology</i> , 2011, 1, 635-642.	2.6	82
159	Safety and immunogenicity of a modified-vaccinia-virus-Ankara-based influenza A H5N1 vaccine: a randomised, double-blind phase 1/2a clinical trial. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 1196-1207.	4.6	82
160	Antibody Titer Has Positive Predictive Value for Vaccine Protection against Challenge with Natural Antigenic-Drift Variants of H5N1 High-Pathogenicity Avian Influenza Viruses from Indonesia. <i>Journal of Virology</i> , 2015, 89, 3746-3762.	1.5	80
161	A host-range restricted parainfluenza virus type 3 (PIV3) expressing the human metapneumovirus (hMPV) fusion protein elicits protective immunity in African green monkeys. <i>Vaccine</i> , 2005, 23, 1657-1667.	1.7	79
162	Newer respiratory virus infections: human metapneumovirus, avian influenza virus, and human coronaviruses. <i>Current Opinion in Infectious Diseases</i> , 2005, 18, 141-146.	1.3	77

#	ARTICLE	IF	CITATIONS
163	Determinants of virulence of influenza A virus. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2014, 33, 479-490.	1.3	77
164	Protection of Mice against Lethal Infection with Highly Pathogenic H7N7 Influenza A Virus by Using a Recombinant Low-Pathogenicity Vaccine Strain. <i>Journal of Virology</i> , 2005, 79, 12401-12407.	1.5	76
165	Deaths among Wild Birds during Highly Pathogenic Avian Influenza A(H5N8) Virus Outbreak, the Netherlands. <i>Emerging Infectious Diseases</i> , 2017, 23, 2050-2054.	2.0	76
166	Variant-specific monoclonal and group-specific polyclonal human immunodeficiency virus type 1 neutralizing antibodies raised with synthetic peptides from the gp120 third variable domain. <i>Journal of Virology</i> , 1992, 66, 1823-1831.	1.5	76
167	Recurring Influenza B Virus Infections in Seals. <i>Emerging Infectious Diseases</i> , 2013, 19, 511-512.	2.0	74
168	Insertion of a Multibasic Cleavage Motif into the Hemagglutinin of a Low-Pathogenic Avian Influenza H6N1 Virus Induces a Highly Pathogenic Phenotype. <i>Journal of Virology</i> , 2010, 84, 7953-7960.	1.5	73
169	Identification of Amino Acid Substitutions Supporting Antigenic Change of Influenza A(H1N1)pdm09 Viruses. <i>Journal of Virology</i> , 2015, 89, 3763-3775.	1.5	73
170	Asymptomatic Middle East Respiratory Syndrome Coronavirus Infection in Rabbits. <i>Journal of Virology</i> , 2015, 89, 6131-6135.	1.5	73
171	A Mutation in the HLA-B * 2705-Restricted NP 383-391 Epitope Affects the Human Influenza A Virus-Specific Cytotoxic T-Lymphocyte Response In Vitro. <i>Journal of Virology</i> , 2004, 78, 5216-5222.	1.5	72
172	Emerging influenza. <i>Journal of Clinical Virology</i> , 2008, 41, 1-6.	1.6	72
173	Restricted Data on Influenza H5N1 Virus Transmission. <i>Science</i> , 2012, 335, 662-663.	6.0	72
174	Emerging viral infections in a rapidly changing world. <i>Current Opinion in Biotechnology</i> , 2003, 14, 641-646.	3.3	71
175	Recombinant Modified Vaccinia Virus Ankara Expressing the Hemagglutinin Gene Confers Protection against Homologous and Heterologous H5N1 Influenza Virus Infections in Macaques. <i>Journal of Infectious Diseases</i> , 2009, 199, 405-413.	1.9	71
176	Reconstructing an annual cycle of interaction: natural infection and antibody dynamics to avian influenza along a migratory flyway. <i>Oikos</i> , 2011, 120, 748-755.	1.2	71
177	Heterosubtypic Immunity to Influenza A Virus Infections in Mallards May Explain Existence of Multiple Virus Subtypes. <i>PLoS Pathogens</i> , 2013, 9, e1003443.	2.1	70
178	Taxonomy of the order Mononegavirales: second update 2018. <i>Archives of Virology</i> , 2019, 164, 1233-1244.	0.9	70
179	Pandemic potential of highly pathogenic avian influenza clade 2.3.4.4 A(H5) viruses. <i>Reviews in Medical Virology</i> , 2020, 30, e2099.	3.9	70
180	Fitness costs limit escape from cytotoxic T lymphocytes by influenza A viruses. <i>Vaccine</i> , 2006, 24, 6594-6596.	1.7	67

#	ARTICLE	IF	CITATIONS
181	Evaluation of a rapid molecular algorithm for detection of pandemic influenza A (H1N1) 2009 virus and screening for a key oseltamivir resistance (H275Y) substitution in neuraminidase. <i>Journal of Clinical Virology</i> , 2010, 47, 34-37.	1.6	67
182	Possible Increased Pathogenicity of Pandemic (H1N1) 2009 Influenza Virus upon Reassortment. <i>Emerging Infectious Diseases</i> , 2011, 17, 200-208.	2.0	67
183	Low-pH-Induced Membrane Fusion Mediated by Human Metapneumovirus F Protein Is a Rare, Strain-Dependent Phenomenon. <i>Journal of Virology</i> , 2008, 82, 8891-8895.	1.5	65
184	Towards improved influenza A virus surveillance in migrating birds. <i>Vaccine</i> , 2006, 24, 6729-6733.	1.7	64
185	Emergence of the Virulence-Associated PB2 E627K Substitution in a Fatal Human Case of Highly Pathogenic Avian Influenza Virus A(H7N7) Infection as Determined by Illumina Ultra-Deep Sequencing. <i>Journal of Virology</i> , 2014, 88, 1694-1702.	1.5	64
186	Ancient human parvovirus B19 in Eurasia reveals its long-term association with humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7557-7562.	3.3	64
187	Co-circulation of genetically distinct highly pathogenic avian influenza A clade 2.3.4.4 (H5N6) viruses in wild waterfowl and poultry in Europe and East Asia, 2017-18. <i>Virus Evolution</i> , 2019, 5, vez004.	2.2	63
188	Genesis and spread of multiple reassortants during the 2016/2017 H5 avian influenza epidemic in Eurasia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20814-20825.	3.3	63
189	Multiple gene segment reassortment between Eurasian and American lineages of influenza A virus (H6N2) in Guillemot (<i>Uria aalge</i>). <i>Archives of Virology</i> , 2005, 150, 1685-1692.	0.9	62
190	Wild ducks excrete highly pathogenic avian influenza virus H5N8 (2014-2015) without clinical or pathological evidence of disease. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-10.	3.0	62
191	A reverse-genetics system for Influenza A virus using T7 RNA polymerase. <i>Journal of General Virology</i> , 2007, 88, 1281-1287.	1.3	61
192	REPLICATION OF LOW PATHOGENIC AVIAN INFLUENZA VIRUS IN NATURALLY INFECTED MALLARD DUCKS (<i>ANAS PLATYRHYNCHOS</i>) CAUSES NO MORPHOLOGIC LESIONS. <i>Journal of Wildlife Diseases</i> , 2011, 47, 401-409.	0.3	61
193	Mutational Analysis of the Human Immunodeficiency Virus Type 1 Vif Protein. <i>Journal of Virology</i> , 1999, 73, 2675-2681.	1.5	61
194	Influenza A Virus Specific T Cell Immunity in Humans during Aging. <i>Virology</i> , 2002, 299, 100-108.	1.1	60
195	Vaccination with whole inactivated virus vaccine affects the induction of heterosubtypic immunity against influenza virus A/H5N1 and immunodominance of virus-specific CD8+ T-cell responses in mice. <i>Journal of General Virology</i> , 2010, 91, 1743-1753.	1.3	59
196	Influenza virus CTL epitopes, remarkably conserved and remarkably variable. <i>Vaccine</i> , 2009, 27, 6363-6365.	1.7	58
197	Pause on Avian Flu Transmission Research. <i>Science</i> , 2012, 335, 400-401.	6.0	58
198	Vif and the p55 ^{Gag} Polyprotein of Human Immunodeficiency Virus Type 1 Are Present in Colocalizing Membrane-Free Cytoplasmic Complexes. <i>Journal of Virology</i> , 1999, 73, 2667-2674.	1.5	58

#	ARTICLE	IF	CITATIONS
199	Genetic evolution of the neuraminidase of influenza A (H3N2) viruses from 1968 to 2009 and its correspondence to haemagglutinin evolution. <i>Journal of General Virology</i> , 2012, 93, 1996-2007.	1.3	57
200	Antigenic Variation of Clade 2.1 H5N1 Virus Is Determined by a Few Amino Acid Substitutions Immediately Adjacent to the Receptor Binding Site. <i>MBio</i> , 2014, 5, e01070-14.	1.8	57
201	Avian Influenza Virus Transmission to Mammals. <i>Current Topics in Microbiology and Immunology</i> , 2014, 385, 137-155.	0.7	57
202	Antigenic Drift of the Influenza A(H1N1)pdm09 Virus Neuraminidase Results in Reduced Effectiveness of A/California/7/2009 (H1N1pdm09)-Specific Antibodies. <i>MBio</i> , 2019, 10, .	1.8	57
203	Local amplification of highly pathogenic avian influenza H5N8 viruses in wild birds in the Netherlands, 2016 to 2017. <i>Eurosurveillance</i> , 2018, 23, .	3.9	57
204	A specific marker, pat, for studying the fate of introduced bacteria and their DNA in soil using a combination of detection techniques. <i>Plant and Soil</i> , 1991, 138, 49-60.	1.8	56
205	Broader Tropism and Higher Cytopathicity for CD4+T Cells of a Syncytium-Inducing Compared to a Non-Syncytium-Inducing HIV-1 Isolate as a Mechanism for Accelerated CD4+T Cell Decline in Vivo. <i>Virology</i> , 1996, 219, 87-95.	1.1	56
206	Dynamics and ecological consequences of avian influenza virus infection in greater white-fronted geese in their winter staging areas. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 2041-2048.	1.2	56
207	Swine influenza virus infection dynamics in two pig farms; results of a longitudinal assessment. <i>Veterinary Research</i> , 2012, 43, 24.	1.1	56
208	Transmission of influenza A/H5N1 viruses in mammals. <i>Virus Research</i> , 2013, 178, 15-20.	1.1	56
209	Ferrets as Models for Influenza Virus Transmission Studies and Pandemic Risk Assessments. <i>Emerging Infectious Diseases</i> , 2018, 24, 965-971.	2.0	56
210	Dominant influenza A(H3N2) and B/Yamagata virus circulation in EU/EEA, 2016/17 and 2017/18 seasons, respectively. <i>Eurosurveillance</i> , 2018, 23, .	3.9	56
211	A Primate Model to Study the Pathogenesis of Influenza A (H5N1) Virus Infection. <i>Avian Diseases</i> , 2003, 47, 931-933.	0.4	54
212	Gene Segment Reassortment Between American and Asian Lineages of Avian Influenza Virus from Waterfowl in the Beringia Area. <i>Vector-Borne and Zoonotic Diseases</i> , 2008, 8, 783-790.	0.6	54
213	Use of Antigenic Cartography in Vaccine Seed Strain Selection. <i>Avian Diseases</i> , 2010, 54, 220-223.	0.4	54
214	Animal influenza virus surveillance. <i>Vaccine</i> , 2003, 21, 1754-1757.	1.7	53
215	H7 avian influenza virus vaccines protect chickens against challenge with antigenically diverse isolates. <i>Vaccine</i> , 2011, 29, 7424-7429.	1.7	53
216	Disease Dynamics and Bird Migration – Linking Mallards <i>Anas platyrhynchos</i> and Subtype Diversity of the Influenza A Virus in Time and Space. <i>PLoS ONE</i> , 2012, 7, e35679.	1.1	53

#	ARTICLE	IF	CITATIONS
217	Full restoration of viral fitness by multiple compensatory co-mutations in the nucleoprotein of influenza A virus cytotoxic T-lymphocyte escape mutants. <i>Journal of General Virology</i> , 2005, 86, 1801-1805.	1.3	52
218	Novel Avian-Origin Influenza A (H7N9) Virus Attaches to Epithelium in Both Upper and Lower Respiratory Tract of Humans. <i>American Journal of Pathology</i> , 2013, 183, 1137-1143.	1.9	52
219	Human T-cells directed to seasonal influenza A virus cross-react with 2009 pandemic influenza A (H1N1) and swine-origin triple-reassortant H3N2 influenza viruses. <i>Journal of General Virology</i> , 2013, 94, 583-592.	1.3	52
220	Differential RNA silencing suppression activity of NS1 proteins from different influenza A virus strains. <i>Journal of General Virology</i> , 2009, 90, 1916-1922.	1.3	51
221	Towards universal influenza vaccines?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 2766-2773.	1.8	51
222	Global task force for influenza. <i>Nature</i> , 2005, 435, 419-420.	13.7	50
223	Analysis of the junctions between human immunodeficiency virus type 1 proviral DNA and human DNA. <i>Journal of Virology</i> , 1990, 64, 5626-5627.	1.5	50
224	A Family-Wide RT-PCR Assay for Detection of Paramyxoviruses and Application to a Large-Scale Surveillance Study. <i>PLoS ONE</i> , 2012, 7, e34961.	1.1	50
225	Epidemiology of Influenza A Virus among Black-headed Gulls, the Netherlands, 2006-2010. <i>Emerging Infectious Diseases</i> , 2014, 20, 138-141.	2.0	49
226	Human Influenza A Virus-specific CD8+ T-Cell Response Is Long-lived. <i>Journal of Infectious Diseases</i> , 2015, 212, 81-85.	1.9	49
227	Gain-of-function experiments: time for a real debate. <i>Nature Reviews Microbiology</i> , 2015, 13, 58-64.	13.6	49
228	Seasonal coronavirus-specific B cells with limited SARS-CoV-2 cross-reactivity dominate the IgG response in severe COVID-19. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	49
229	HIV-1 macrophage tropism is determined at multiple levels of the viral replication cycle.. <i>Journal of Clinical Investigation</i> , 1994, 94, 1806-1814.	3.9	49
230	Preferential HLA Usage in the Influenza Virus-Specific CTL Response. <i>Journal of Immunology</i> , 2004, 172, 4435-4443.	0.4	48
231	Assessment of the extent of variation in influenza A virus cytotoxic T-lymphocyte epitopes by using virus-specific CD8+ T-cell clones. <i>Journal of General Virology</i> , 2007, 88, 530-535.	1.3	48
232	Pathogenicity of highly pathogenic avian influenza virus in mammals. <i>Vaccine</i> , 2008, 26, D54-D58.	1.7	48
233	Immunization of Syrian golden hamsters with F subunit vaccine of human metapneumovirus induces protection against challenge with homologous or heterologous strains. <i>Journal of General Virology</i> , 2007, 88, 2702-2709.	1.3	48
234	Experimental infection of macaques with human metapneumovirus induces transient protective immunity. <i>Journal of General Virology</i> , 2007, 88, 1251-1259.	1.3	47

#	ARTICLE	IF	CITATIONS
235	Genetic Characterization of HPAI (H5N1) Viruses from Poultry and Wild Vultures, Burkina Faso. <i>Emerging Infectious Diseases</i> , 2007, 13, 611-613.	2.0	47
236	Characterization of the Human CD8 ⁺ T Cell Response following Infection with 2009 Pandemic Influenza H1N1 Virus. <i>Journal of Virology</i> , 2011, 85, 12057-12061.	1.5	47
237	Multiple Natural Substitutions in Avian Influenza A Virus PB2 Facilitate Efficient Replication in Human Cells. <i>Journal of Virology</i> , 2016, 90, 5928-5938.	1.5	47
238	Outbreaks of highly pathogenic avian influenza in Europe: the risks associated with wild birds. <i>OIE Revue Scientifique Et Technique</i> , 2009, 28, 69-92.	0.5	47
239	Antigenic and Genetic Characterization of Swine Influenza A (H1N1) Viruses Isolated from Pneumonia Patients in The Netherlands. <i>Virology</i> , 2001, 282, 301-306.	1.1	46
240	Efficacy of Vaccination with Different Combinations of MF59-Adjuvanted and Nonadjuvanted Seasonal and Pandemic Influenza Vaccines against Pandemic H1N1 (2009) Influenza Virus Infection in Ferrets. <i>Journal of Virology</i> , 2011, 85, 2851-2858.	1.5	46
241	Pause on avian flu transmission studies. <i>Nature</i> , 2012, 481, 443-443.	13.7	46
242	Biological Phenotype of HIV Type 2 Isolates Correlates with V3 Genotype. <i>AIDS Research and Human Retroviruses</i> , 1996, 12, 821-828.	0.5	45
243	Immunogenicity and efficacy of two candidate human metapneumovirus vaccines in cynomolgus macaques. <i>Vaccine</i> , 2008, 26, 4224-4230.	1.7	45
244	MVA-Based H5N1 Vaccine Affords Cross-Clade Protection in Mice against Influenza A/H5N1 Viruses at Low Doses and after Single Immunization. <i>PLoS ONE</i> , 2009, 4, e7790.	1.1	45
245	SARS virus infection of cats and ferrets. <i>Nature</i> , 2003, 425, 915-915.	13.7	45
246	Egyptian H5N1 Influenza Viruses – Cause for Concern?. <i>PLoS Pathogens</i> , 2012, 8, e1002932.	2.1	44
247	Amino Acid Substitutions That Affect Receptor Binding and Stability of the Hemagglutinin of Influenza A/H7N9 Virus. <i>Journal of Virology</i> , 2016, 90, 3794-3799.	1.5	44
248	The aetiology of SARS: Koch's postulates fulfilled. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2004, 359, 1081-1082.	1.8	43
249	Highly pathogenic avian influenza (H7N7): Vaccination of zoo birds and transmission to non-poultry species. <i>Vaccine</i> , 2005, 23, 5743-5750.	1.7	43
250	Influenza Virus RNA Structure: Unique and Common Features. <i>International Reviews of Immunology</i> , 2010, 29, 533-556.	1.5	43
251	Discordant detection of avian influenza virus subtypes in time and space between poultry and wild birds; Towards improvement of surveillance programs. <i>PLoS ONE</i> , 2017, 12, e0173470.	1.1	43
252	Feline friend or potential foe?. <i>Nature</i> , 2006, 440, 741-742.	13.7	42

#	ARTICLE	IF	CITATIONS
253	Host behaviour and physiology underpin individual variation in avian influenza virus infection in migratory Bewick's swans. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 529-534.	1.2	42
254	Infection of the Upper Respiratory Tract with Seasonal Influenza A(H3N2) Virus Induces Protective Immunity in Ferrets against Infection with A(H1N1)pdm09 Virus after Intranasal, but Not Intratracheal, Inoculation. <i>Journal of Virology</i> , 2013, 87, 4293-4301.	1.5	42
255	Human Clade 2.3.4.4 A/H5N6 Influenza Virus Lacks Mammalian Adaptation Markers and Does Not Transmit via the Airborne Route between Ferrets. <i>MSphere</i> , 2018, 3, .	1.3	42
256	Avian Influenza Virus Surveillance in Wild Birds in Georgia: 2009â€“2011. <i>PLoS ONE</i> , 2013, 8, e58534.	1.1	42
257	An improved plaque reduction virus neutralization assay for human metapneumovirus. <i>Journal of Virological Methods</i> , 2007, 143, 169-174.	1.0	41
258	Low pathogenic avian influenza A(H7N9) virus causes high mortality in ferrets upon intratracheal challenge: A model to study intervention strategies. <i>Vaccine</i> , 2013, 31, 4995-4999.	1.7	41
259	Circulation of Reassortant Influenza A(H7N9) Viruses in Poultry and Humans, Guangdong Province, China, 2013. <i>Emerging Infectious Diseases</i> , 2014, 20, 2034-2040.	2.0	41
260	Influenza B virus-specific CD8+ T-lymphocytes strongly cross-react with viruses of the opposing influenza B lineage. <i>Journal of General Virology</i> , 2015, 96, 2061-2073.	1.3	41
261	Binding of DC-SIGN to the Hemagglutinin of Influenza A Viruses Supports Virus Replication in DC-SIGN Expressing Cells. <i>PLoS ONE</i> , 2013, 8, e56164.	1.1	41
262	Evaluation of the Antiviral Response to Zanamivir Administered Intravenously for Treatment of Critically Ill Patients With Pandemic Influenza A (H1N1) Infection. <i>Journal of Infectious Diseases</i> , 2011, 204, 777-782.	1.9	40
263	RNA structural constraints in the evolution of the influenza A virus genome NP segment. <i>RNA Biology</i> , 2014, 11, 942-952.	1.5	40
264	Excessive production and extreme editing of human metapneumovirus defective interfering RNA is associated with type I IFN induction. <i>Journal of General Virology</i> , 2014, 95, 1625-1633.	1.3	40
265	Low Virulence and Lack of Airborne Transmission of the Dutch Highly Pathogenic Avian Influenza Virus H5N8 in Ferrets. <i>PLoS ONE</i> , 2015, 10, e0129827.	1.1	40
266	Functional Compensation of a Detrimental Amino Acid Substitution in a Cytotoxic-T-Lymphocyte Epitope of Influenza A Viruses by Comutations. <i>Journal of Virology</i> , 2004, 78, 8946-8949.	1.5	39
267	Multidrug Resistant 2009 A/H1N1 Influenza Clinical Isolate with a Neuraminidase I223R Mutation Retains Its Virulence and Transmissibility in Ferrets. <i>PLoS Pathogens</i> , 2011, 7, e1002276.	2.1	39
268	Antiviral Activity of Favipiravir (T-705) against a Broad Range of Paramyxoviruses <i>In Vitro</i> and against Human Metapneumovirus in Hamsters. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4620-4629.	1.4	39
269	Preclinical evaluation of a modified vaccinia virus Ankara (MVA)-based vaccine against influenza A/H5N1 viruses. <i>Vaccine</i> , 2009, 27, 6296-6299.	1.7	38
270	Evaluation of a modified vaccinia virus Ankara (MVA)-based candidate pandemic influenza A/H1N1 vaccine in the ferret model. <i>Journal of General Virology</i> , 2010, 91, 2745-2752.	1.3	38

#	ARTICLE	IF	CITATIONS
271	<i>In Vitro</i> Assessment of the Immunological Significance of a Human Monoclonal Antibody Directed to the Influenza A Virus Nucleoprotein. <i>Vaccine Journal</i> , 2013, 20, 1333-1337.	3.2	38
272	Virion Incorporation of Human Immunodeficiency Virus Type-1 Vif Is Determined by Intracellular Expression Level and May Not Be Necessary for Function. <i>Virology</i> , 1998, 248, 182-187.	1.1	37
273	A Single Immunization with CoVaccine HT-Adjuvanted H5N1 Influenza Virus Vaccine Induces Protective Cellular and Humoral Immune Responses in Ferrets. <i>Journal of Virology</i> , 2010, 84, 7943-7952.	1.5	37
274	Delineating morbillivirus entry, dissemination and airborne transmission by studying in vivo competition of multicolor canine distemper viruses in ferrets. <i>PLoS Pathogens</i> , 2017, 13, e1006371.	2.1	37
275	Generation of temperature-sensitive human metapneumovirus strains that provide protective immunity in hamsters. <i>Journal of General Virology</i> , 2008, 89, 1553-1562.	1.3	37
276	Mounting evidence for the presence of influenza A virus in the avifauna of the Antarctic region. <i>Antarctic Science</i> , 2006, 18, 353-356.	0.5	36
277	Vaccination against highly pathogenic avian influenza H5N1 virus in zoos using an adjuvanted inactivated H5N2 vaccine. <i>Vaccine</i> , 2007, 25, 3800-3808.	1.7	36
278	Intranasal Delivery of an IgA Monoclonal Antibody Effective against Sublethal H5N1 Influenza Virus Infection in Mice. <i>Vaccine Journal</i> , 2010, 17, 1363-1370.	3.2	36
279	Optimization of an enzyme-linked lectin assay suitable for rapid antigenic characterization of the neuraminidase of human influenza A(H3N2) viruses. <i>Journal of Virological Methods</i> , 2015, 217, 55-63.	1.0	36
280	Long-Term Effect of Serial Infections with H13 and H16 Low-Pathogenic Avian Influenza Viruses in Black-Headed Gulls. <i>Journal of Virology</i> , 2015, 89, 11507-11522.	1.5	36
281	Reassortment between Avian H5N1 and Human Influenza Viruses Is Mainly Restricted to the Matrix and Neuraminidase Gene Segments. <i>PLoS ONE</i> , 2013, 8, e59889.	1.1	36
282	Annual influenza vaccination affects the development of heterosubtypic immunity. <i>Vaccine</i> , 2012, 30, 7407-7410.	1.7	35
283	Migratory Birds Reinforce Local Circulation of Avian Influenza Viruses. <i>PLoS ONE</i> , 2014, 9, e112366.	1.1	35
284	Antigenic Maps of Influenza A(H3N2) Produced With Human Antisera Obtained After Primary Infection. <i>Journal of Infectious Diseases</i> , 2016, 213, 31-38.	1.9	35
285	High Immunogenicity to Influenza Vaccination in Crohn's Disease Patients Treated with Ustekinumab. <i>Vaccines</i> , 2020, 8, 455.	2.1	35
286	Glycan remodeled erythrocytes facilitate antigenic characterization of recent A/H3N2 influenza viruses. <i>Nature Communications</i> , 2021, 12, 5449.	5.8	35
287	Pandemic 2009 H1N1 Influenza Virus Causes Diffuse Alveolar Damage in Cynomolgus Macaques. <i>Veterinary Pathology</i> , 2010, 47, 1040-1047.	0.8	34
288	Comparative Analysis of Avian Influenza Virus Diversity in Poultry and Humans during a Highly Pathogenic Avian Influenza A (H7N7) Virus Outbreak. <i>Journal of Virology</i> , 2011, 85, 10598-10604.	1.5	34

#	ARTICLE	IF	CITATIONS
289	Transmission Studies Resume for Avian Flu. <i>Science</i> , 2013, 339, 520-521.	6.0	34
290	Modified Vaccinia Virus Ankara Preferentially Targets Antigen Presenting Cells In Vitro, Ex Vivo and In Vivo. <i>Scientific Reports</i> , 2017, 7, 8580.	1.6	34
291	Risk for Low Pathogenicity Avian Influenza Virus on Poultry Farms, the Netherlands, 2007-2013. <i>Emerging Infectious Diseases</i> , 2017, 23, 1510-1516.	2.0	34
292	Neuraminidase-mediated haemagglutination of recent human influenza A(H3N2) viruses is determined by arginine 150 flanking the neuraminidase catalytic site. <i>Journal of General Virology</i> , 2017, 98, 1274-1281.	1.3	34
293	Antigenic and molecular heterogeneity in recent swine influenza A(H1N1) virus isolates with possible implications for vaccination policy. <i>Vaccine</i> , 2001, 19, 4452-4464.	1.7	33
294	Attachment of infectious influenza A viruses of various subtypes to live mammalian and avian cells as measured by flow cytometry. <i>Virus Research</i> , 2007, 129, 175-181.	1.1	33
295	Recombinant Immunomodulating Lentogenic or Mesogenic Oncolytic Newcastle Disease Virus for Treatment of Pancreatic Adenocarcinoma. <i>Viruses</i> , 2015, 7, 2980-2998.	1.5	33
296	Receptor-binding properties of influenza viruses isolated from gulls. <i>Virology</i> , 2018, 522, 37-45.	1.1	33
297	The loss of immunodominant epitopes affects interferon- β production and lytic activity of the human influenza virus-specific cytotoxic T lymphocyte response <i>in vitro</i> . <i>Clinical and Experimental Immunology</i> , 2007, 148, 296-306.	1.1	32
298	Insertion of a multibasic cleavage site in the haemagglutinin of human influenza H3N2 virus does not increase pathogenicity in ferrets. <i>Journal of General Virology</i> , 2011, 92, 1410-1415.	1.3	32
299	Tissue tropism and pathology of natural influenza virus infection in black-headed gulls (<i>Chroicocephalus ridibundus</i>). <i>Avian Pathology</i> , 2012, 41, 547-553.	0.8	32
300	Weak negative associations between avian influenza virus infection and movement behaviour in a key host species, the mallard <i>Anas platyrhynchos</i> . <i>Oikos</i> , 2015, 124, 1293-1303.	1.2	32
301	Minor differences in body condition and immune status between avian influenza virus-infected and noninfected mallards: a sign of coevolution?. <i>Ecology and Evolution</i> , 2015, 5, 436-449.	0.8	31
302	An Epizootiological Report of the Re-emergence and Spread of a Lineage of Virulent Newcastle Disease Virus into Eastern Europe. <i>Transboundary and Emerging Diseases</i> , 2017, 64, 1001-1007.	1.3	31
303	Different responses of human pancreatic adenocarcinoma cell lines to oncolytic Newcastle disease virus infection. <i>Cancer Gene Therapy</i> , 2014, 21, 24-30.	2.2	30
304	Lack of virological and serological evidence for continued circulation of highly pathogenic avian influenza H5N8 virus in wild birds in the Netherlands, 14 November 2014 to 31 January 2016. <i>Eurosurveillance</i> , 2016, 21, .	3.9	30
305	Problems of classification in the family Paramyxoviridae. <i>Archives of Virology</i> , 2018, 163, 1395-1404.	0.9	30
306	Evidence for specific packaging of the influenza A virus genome from conditionally defective virus particles lacking a polymerase gene. <i>Vaccine</i> , 2006, 24, 6647-6650.	1.7	29

#	ARTICLE	IF	CITATIONS
307	Adaptation of Pandemic H2N2 Influenza A Viruses in Humans. <i>Journal of Virology</i> , 2015, 89, 2442-2447.	1.5	29
308	A Single Immunization With Modified Vaccinia Virus Ankara-Based Influenza Virus H7 Vaccine Affords Protection in the Influenza A(H7N9) Pneumonia Ferret Model. <i>Journal of Infectious Diseases</i> , 2015, 211, 791-800.	1.9	29
309	Characterizing Emerging Canine H3 Influenza Viruses. <i>PLoS Pathogens</i> , 2020, 16, e1008409.	2.1	29
310	Vaccination approaches to combat human metapneumovirus lower respiratory tract infections. <i>Journal of Clinical Virology</i> , 2008, 41, 49-52.	1.6	28
311	Assessment of the Antiviral Properties of Recombinant Porcine SP-D against Various Influenza A Viruses In Vitro. <i>PLoS ONE</i> , 2011, 6, e25005.	1.1	28
312	Pigs, Poultry, and Pandemic Influenza: How Zoonotic Pathogens Threaten Human Health. <i>Advances in Experimental Medicine and Biology</i> , 2012, 719, 59-66.	0.8	28
313	Spatiotemporal Analysis of the Genetic Diversity of Seal Influenza A(H10N7) Virus, Northwestern Europe. <i>Journal of Virology</i> , 2016, 90, 4269-4277.	1.5	28
314	Fusion protein is the main determinant of metapneumovirus host tropism. <i>Journal of General Virology</i> , 2009, 90, 1408-1416.	1.3	27
315	Subtype-specific structural constraints in the evolution of influenza A virus hemagglutinin genes. <i>Scientific Reports</i> , 2016, 6, 38892.	1.6	27
316	Preparing the outbreak assistance laboratory network in the Netherlands for the detection of the influenza virus A(H1N1) variant. <i>Journal of Clinical Virology</i> , 2009, 45, 179-184.	1.6	26
317	Replication of 2 Subtypes of Low-Pathogenicity Avian Influenza Virus of Duck and Gull Origins in Experimentally Infected Mallard Ducks. <i>Veterinary Pathology</i> , 2013, 50, 548-559.	0.8	26
318	How the COVID-19 pandemic highlights the necessity of animal research. <i>Current Biology</i> , 2020, 30, R1014-R1018.	1.8	26
319	Optimisations and Challenges Involved in the Creation of Various Bioluminescent and Fluorescent Influenza A Virus Strains for In Vitro and In Vivo Applications. <i>PLoS ONE</i> , 2015, 10, e0133888.	1.1	26
320	Temporal Relationship between Elongation of the HIV Type 1 Glycoprotein 120 V2 Domain and the Conversion toward a Syncytium-Inducing Phenotype. <i>AIDS Research and Human Retroviruses</i> , 1995, 11, 1473-1478.	0.5	25
321	High prevalence of influenza A virus in ducks caught during spring migration through Sweden. <i>Vaccine</i> , 2006, 24, 6734-6735.	1.7	25
322	The Hypervariable Immunodominant NP 418-426 Epitope from the Influenza A Virus Nucleoprotein Is Recognized by Cytotoxic T Lymphocytes with High Functional Avidity. <i>Journal of Virology</i> , 2006, 80, 6024-6032.	1.5	25
323	Induction of Cross-Clade Antibody and T-Cell Responses by a Modified Vaccinia Virus Ankara-Based Influenza A(H5N1) Vaccine in a Randomized Phase 1/2a Clinical Trial. <i>Journal of Infectious Diseases</i> , 2018, 218, 614-623.	1.9	25
324	Economic evaluation of whole genome sequencing for pathogen identification and surveillance – results of case studies in Europe and the Americas 2016 to 2019. <i>Eurosurveillance</i> , 2021, 26, .	3.9	25

#	ARTICLE	IF	CITATIONS
325	Envelope V2 configuration and HIV-1 phenotype: clarification. <i>Science</i> , 1995, 268, 115-115.	6.0	24
326	Rapid sequencing of the non-coding regions of influenza A virus. <i>Journal of Virological Methods</i> , 2007, 139, 85-89.	1.0	24
327	The Future of Research and Publication on Altered H5N1 Viruses. <i>Journal of Infectious Diseases</i> , 2012, 205, 1628-1631.	1.9	24
328	Gain-of-function experiments on H7N9. <i>Nature</i> , 2013, 500, 150-151.	13.7	24
329	Gain-of-Function Experiments on H7N9. <i>Science</i> , 2013, 341, 612-613.	6.0	24
330	Studies on Influenza Virus Transmission between Ferrets: the Public Health Risks Revisited. <i>MBio</i> , 2015, 6, .	1.8	24
331	The roles of migratory and resident birds in local avian influenza infection dynamics. <i>Journal of Applied Ecology</i> , 2018, 55, 2963-2975.	1.9	24
332	Opinion of the Scientific Panel Animal Health and Welfare (AHAW) related with the Migratory Birds and their Possible Role in the Spread of Highly Pathogenic Avian Influenza. <i>EFSA Journal</i> , 2006, 4, 357.	0.9	23
333	The fight over flu. <i>Nature</i> , 2012, 481, 257-259.	13.7	23
334	Influenza A virus evolution and spatio-temporal dynamics in Eurasian wild birds: a phylogenetic and phylogeographical study of whole-genome sequence data. <i>Journal of General Virology</i> , 2015, 96, 2050-2060.	1.3	23
335	Differential Recognition of Influenza A Viruses by M1 ⁶⁶ Epitope-Specific CD8 ⁺ T Cells Is Determined by Extraepitopic Amino Acid Residues. <i>Journal of Virology</i> , 2016, 90, 1009-1022.	1.5	23
336	Where do all the subtypes go? Temporal dynamics of H8 ^{H12} influenza A viruses in waterfowl. <i>Virus Evolution</i> , 2018, 4, vey025.	2.2	23
337	Enterotropism of highly pathogenic avian influenza virus H5N8 from the 2016/2017 epidemic in some wild bird species. <i>Veterinary Research</i> , 2020, 51, 117.	1.1	23
338	Residues of the Human Metapneumovirus Fusion (F) Protein Critical for Its Strain-Related Fusion Phenotype: Implications for the Virus Replication Cycle. <i>Journal of Virology</i> , 2011, 85, 12650-12661.	1.5	22
339	Ecology and Evolution of Avian Influenza Viruses. , 2017, , 621-640.		22
340	The Molecular Basis for Antigenic Drift of Human A/H2N2 Influenza Viruses. <i>Journal of Virology</i> , 2019, 93, .	1.5	22
341	Rudimentary phosphatase domains in a minor chicken vitellogenin gene. <i>Biochemistry</i> , 1989, 28, 2572-2577.	1.2	21
342	Early Replication Steps but Not Cell Type-Specific Signalling of the Viral Long Terminal Repeat Determine HIV-1 Monocytotropism. <i>AIDS Research and Human Retroviruses</i> , 1993, 9, 669-675.	0.5	21

#	ARTICLE	IF	CITATIONS
343	Pathology and Virus Distribution in Chickens Naturally Infected with Highly Pathogenic Avian Influenza A Virus (H7N7) During the 2003 Outbreak in The Netherlands. <i>Veterinary Pathology</i> , 2009, 46, 971-976.	0.8	21
344	Use of GFP-expressing influenza viruses for the detection of influenza virus A/H5N1 neutralizing antibodies. <i>Vaccine</i> , 2011, 29, 3424-3430.	1.7	21
345	Hampered performance of migratory swans: intra- and inter-seasonal effects of avian influenza virus. <i>Integrative and Comparative Biology</i> , 2016, 56, 317-329.	0.9	21
346	Virus subtype-specific suppression of MAVS aggregation and activation by PB1-F2 protein of influenza A (H7N9) virus. <i>PLoS Pathogens</i> , 2020, 16, e1008611.	2.1	21
347	Avian Influenza A Virus in Wild Birds in Highly Urbanized Areas. <i>PLoS ONE</i> , 2012, 7, e38256.	1.1	20
348	Hemagglutinin Traits Determine Transmission of Avian A/H10N7 Influenza Virus between Mammals. <i>Cell Host and Microbe</i> , 2020, 28, 602-613.e7.	5.1	20
349	Guiding outbreak management by the use of influenza A(H7Nx) virus sequence analysis. <i>Eurosurveillance</i> , 2013, 18, 20460.	3.9	20
350	Does influenza A affect body condition of wild mallard ducks, or vice versa? A reply to Flint and Franson. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 2347-2349.	1.2	19
351	The novel adjuvant CoVaccineHT _{α,β} increases the immunogenicity of cell-culture derived influenza A/H5N1 vaccine and induces the maturation of murine and human dendritic cells in vitro. <i>Vaccine</i> , 2009, 27, 6833-6839.	1.7	19
352	Small Hydrophobic Protein of Human Metapneumovirus Does Not Affect Virus Replication and Host Gene Expression In Vitro. <i>PLoS ONE</i> , 2013, 8, e58572.	1.1	19
353	Intravenously injected Newcastle disease virus in non-human primates is safe to use for oncolytic virotherapy. <i>Cancer Gene Therapy</i> , 2014, 21, 463-471.	2.2	19
354	Severe acute respiratory infection caused by swine influenza virus in a child necessitating extracorporeal membrane oxygenation (ECMO), the Netherlands, October 2016. <i>Eurosurveillance</i> , 2016, 21, .	3.9	19
355	Completion of Nucleotide Sequences of Non-Syncytium-Inducing and Syncytium-Inducing HIV Type 1 Variants Isolated from the Same Patient. <i>AIDS Research and Human Retroviruses</i> , 1995, 11, 1537-1538.	0.5	18
356	Transmission studies resume for avian flu. <i>Nature</i> , 2013, 493, 609-609.	13.7	18
357	Effects of pre-existing orthopoxvirus-specific immunity on the performance of Modified Vaccinia virus Ankara-based influenza vaccines. <i>Scientific Reports</i> , 2018, 8, 6474.	1.6	18
358	Circulation of low pathogenic avian influenza (LPAI) viruses in wild birds and poultry in the Netherlands, 2006–2016. <i>Scientific Reports</i> , 2019, 9, 13681.	1.6	18
359	Serological Evidence for Non-Lethal Exposures of Mongolian Wild Birds to Highly Pathogenic Avian Influenza H5N1 Virus. <i>PLoS ONE</i> , 2014, 9, e113569.	1.1	18
360	Antigen processing for MHC class I restricted presentation of exogenous influenza A virus nucleoprotein by B-lymphoblastoid cells. <i>Clinical and Experimental Immunology</i> , 2001, 125, 423-431.	1.1	17

#	ARTICLE	IF	CITATIONS
361	The number and position of N-linked glycosylation sites in the hemagglutinin determine differential recognition of seasonal and 2009 pandemic H1N1 influenza virus by porcine surfactant protein D. <i>Virus Research</i> , 2012, 169, 301-305.	1.1	17
362	Possibility and Challenges of Conversion of Current Virus Species Names to Linnaean Binomials. <i>Systematic Biology</i> , 2016, 66, syw096.	2.7	17
363	Mechanisms and risk factors for mutation from low to highly pathogenic avian influenza virus. <i>EFSA Supporting Publications</i> , 2017, 14, 1287E.	0.3	17
364	Comparison of three air samplers for the collection of four nebulized respiratory viruses • Collection of respiratory viruses from air •. <i>Indoor Air</i> , 2021, 31, 1874-1885.	2.0	17
365	Co-circulation of influenza A(H1N1)pdm09 and influenza A(H3N2) viruses, World Health Organization (WHO) European Region, October 2018 to February 2019. <i>Eurosurveillance</i> , 2019, 24, .	3.9	17
366	Induction of Influenza (H5N8) Antibodies by Modified Vaccinia Virus Ankara H5N1 Vaccine. <i>Emerging Infectious Diseases</i> , 2015, 21, 1086-1088.	2.0	16
367	Mutations Driving Airborne Transmission of A/H5N1 Virus in Mammals Cause Substantial Attenuation in Chickens only when combined. <i>Scientific Reports</i> , 2017, 7, 7187.	1.6	16
368	Viral Kinetics and Resistance Development in Children Treated with Neuraminidase Inhibitors: The Influenza Resistance Information Study (IRIS). <i>Clinical Infectious Diseases</i> , 2020, 71, 1186-1194.	2.9	16
369	Phylogeography and Antigenic Diversity of Low-Pathogenic Avian Influenza H13 and H16 Viruses. <i>Journal of Virology</i> , 2020, 94, .	1.5	16
370	Influenza A (H10N7) Virus Causes Respiratory Tract Disease in Harbor Seals and Ferrets. <i>PLoS ONE</i> , 2016, 11, e0159625.	1.1	16
371	Tropism of Highly Pathogenic Avian Influenza H5 Viruses from the 2020/2021 Epizootic in Wild Ducks and Geese. <i>Viruses</i> , 2022, 14, 280.	1.5	16
372	An amino acid substitution in the influenza A virus hemagglutinin associated with escape from recognition by human virus-specific CD4+ T-cells. <i>Virus Research</i> , 2007, 126, 282-287.	1.1	15
373	Repository of Eurasian influenza A virus hemagglutinin and neuraminidase reverse genetics vectors and recombinant viruses. <i>Vaccine</i> , 2010, 28, 5803-5809.	1.7	15
374	The Pause on Avian H5N1 Influenza Virus Transmission Research Should Be Ended. <i>MBio</i> , 2012, 3, .	1.8	15
375	Influenza A/H3N2 virus infection in immunocompromised ferrets and emergence of antiviral resistance. <i>PLoS ONE</i> , 2018, 13, e0200849.	1.1	15
376	Conserved structural RNA domains in regions coding for cleavage site motifs in hemagglutinin genes of influenza viruses. <i>Virus Evolution</i> , 2019, 5, vez034.	2.2	15
377	Pathology and virology of natural highly pathogenic avian influenza H5N8 infection in wild Common buzzards (<i>Buteo buteo</i>). <i>Scientific Reports</i> , 2022, 12, 920.	1.6	15
378	Antigenic Cartography of H9 Avian Influenza Virus and Its Application to Vaccine Selection. <i>Avian Diseases</i> , 2016, 60, 218-225.	0.4	14

#	ARTICLE	IF	CITATIONS
379	A compensatory mutagenesis study of a conserved hairpin in the M gene segment of influenza A virus shows its role in virus replication. <i>RNA Biology</i> , 2017, 14, 1606-1616.	1.5	14
380	Susceptibility of Chickens to Low Pathogenic Avian Influenza (LPAI) Viruses of Wild Bird and Poultry Associated Subtypes. <i>Viruses</i> , 2019, 11, 1010.	1.5	14
381	Specificity and functional interaction of the polymerase complex proteins of human and avian metapneumoviruses. <i>Journal of General Virology</i> , 2008, 89, 975-983.	1.3	13
382	Use of influenza A viruses expressing reporter genes to assess the frequency of double infections in vitro. <i>Journal of General Virology</i> , 2012, 93, 1645-1648.	1.3	13
383	Novel G3/DT adjuvant promotes the induction of protective T cells responses after vaccination with a seasonal trivalent inactivated split-virion influenza vaccine. <i>Vaccine</i> , 2014, 32, 5614-5623.	1.7	13
384	Pathogenesis of Infection with 2009 Pandemic H1N1 Influenza Virus in Isogenic Guinea Pigs after Intranasal or Intratracheal Inoculation. <i>American Journal of Pathology</i> , 2015, 185, 643-650.	1.9	13
385	COVID-19 vaccines: the importance of transparency and fact-based education. <i>British Journal of Clinical Pharmacology</i> , 2020, 86, 2107-2110.	1.1	13
386	Epistatic interactions can moderate the antigenic effect of substitutions in haemagglutinin of influenza H3N2 virus. <i>Journal of General Virology</i> , 2019, 100, 773-777.	1.3	13
387	Functional profile of human influenza virus-specific cytotoxic T lymphocyte activity is influenced by interleukin-2 concentration and epitope specificity. <i>Clinical and Experimental Immunology</i> , 2005, 142, 45-52.	1.1	12
388	Robustness of the Ferret Model for Influenza Risk Assessment Studies: a Cross-Laboratory Exercise. <i>MBio</i> , 2022, 13, .	1.8	12
389	Phylogeny of Spanish swine influenza viruses isolated from respiratory disease outbreaks and evolution of swine influenza virus within an endemically infected farm. <i>Veterinary Microbiology</i> , 2014, 170, 266-277.	0.8	11
390	Recombinant porcine surfactant protein D inhibits influenza A virus replication ex vivo. <i>Virus Research</i> , 2014, 181, 22-26.	1.1	11
391	Diversity and Reassortment Rate of Influenza A Viruses in Wild Ducks and Gulls. <i>Viruses</i> , 2021, 13, 1010.	1.5	11
392	Analysis of the Evolution of Pandemic Influenza A(H1N1) Virus Neuraminidase Reveals Entanglement of Different Phenotypic Characteristics. <i>MBio</i> , 2021, 12, .	1.8	11
393	Reduced Replication of Highly Pathogenic Avian Influenza Virus in Duck Endothelial Cells Compared to Chicken Endothelial Cells Is Associated with Stronger Antiviral Responses. <i>Viruses</i> , 2022, 14, 165.	1.5	11
394	Human airway epithelial cells present antigen to influenza virus-specific CD8+ CTL inefficiently after incubation with viral protein together with ISCOMATRIX®. <i>Vaccine</i> , 2004, 22, 2769-2775.	1.7	10
395	Epidemiology of Avian Influenza. <i>Monographs in Virology</i> , 2008, , 1-10.	0.6	10
396	Age distribution of cases caused by different influenza viruses. <i>Lancet Infectious Diseases</i> , The, 2013, 13, 646-647.	4.6	10

#	ARTICLE	IF	CITATIONS
397	Assessment of the antiviral properties of recombinant surfactant protein D against influenza B virus in vitro. <i>Virus Research</i> , 2015, 195, 43-46.	1.1	10
398	Outbreak Severity of Highly Pathogenic Avian Influenza A(H5N8) Viruses Is Inversely Correlated to Polymerase Complex Activity and Interferon Induction. <i>Journal of Virology</i> , 2020, 94, .	1.5	10
399	Insertions of codons encoding basic amino acids in H7 hemagglutinins of influenza A viruses occur by recombination with RNA at hotspots near snoRNA binding sites. <i>Rna</i> , 2021, 27, 123-132.	1.6	10
400	Case of seasonal reassortant A(H1N2) influenza virus infection, the Netherlands, March 2018. <i>Eurosurveillance</i> , 2018, 23, .	3.9	10
401	Syncytium-inducing HIV-1 variants replicate equally well in all types of T-helper cell clones. <i>Aids</i> , 1996, 10, 1598-1600.	1.0	9
402	No evidence that migratory geese disperse avian influenza viruses from breeding to wintering ground. <i>PLoS ONE</i> , 2017, 12, e0177790.	1.1	9
403	Cidofovir Gel as Treatment of Follicular Spicules in Multiple Myeloma. <i>JAMA Dermatology</i> , 2015, 151, 82.	2.0	8
404	Evidence of the Presence of Low Pathogenic Avian Influenza A Viruses in Wild Waterfowl in 2018 in South Africa. <i>Pathogens</i> , 2019, 8, 163.	1.2	8
405	Genetic analysis identifies potential transmission of low pathogenic avian influenza viruses between poultry farms. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 1653-1664.	1.3	8
406	Phenotypic Effects of Substitutions within the Receptor Binding Site of Highly Pathogenic Avian Influenza H5N1 Virus Observed during Human Infection. <i>Journal of Virology</i> , 2020, 94, .	1.5	8
407	Contribution of Neuraminidase to the Efficacy of Seasonal Split Influenza Vaccines in the Ferret Model. <i>Journal of Virology</i> , 2022, 96, jvi0195921.	1.5	8
408	Molecular determinants of human immunodeficiency virus type I phenotype variability. <i>European Journal of Clinical Investigation</i> , 1996, 26, 175-185.	1.7	7
409	Increased Protein Degradation Improves Influenza Virus Nucleoprotein-Specific CD8 ⁺ T Cell Activation <i>In Vitro</i> but Not in C57BL/6 Mice. <i>Journal of Virology</i> , 2016, 90, 10209-10219.	1.5	7
410	Pulmonary lesions following inoculation with the SARS-CoV-2 Omicron BA.1 (B.1.1.529) variant in Syrian golden hamsters. <i>Emerging Microbes and Infections</i> , 2022, 11, 1778-1786.	3.0	7
411	Redundancy of the influenza A virus-specific cytotoxic T lymphocyte response in HLA-B*2705 transgenic mice limits the impact of a mutation in the immunodominant NP383-391 epitope on influenza pathogenesis. <i>Virus Research</i> , 2011, 155, 123-130.	1.1	6
412	Reply to "Comments on Fouchier's Calculation of Risk and Elapsed Time for Escape of a Laboratory-Acquired Infection from His Laboratory" <i>MBio</i> , 2015, 6, .	1.8	6
413	H1N1pdm09 Influenza Virus and Its Descendants Lack Extra-epitopic Amino Acid Residues Associated With Reduced Recognition by M158-66-Specific CD8 ⁺ T Cells. <i>Journal of Infectious Diseases</i> , 2018, 218, 581-585.	1.9	6
414	Modeling the effects of updating the influenza vaccine on the efficacy of repeated vaccination. <i>International Congress Series</i> , 2001, 1219, 655-660.	0.2	5

#	ARTICLE	IF	CITATIONS
415	Highly pathogenic avian influenza virus A(H7N7) infection of humans and human-to-human transmission during avian influenza outbreak in the Netherlands. <i>International Congress Series</i> , 2004, 1263, 65-68.	0.2	5
416	Course of pandemic influenza A(H1N1) 2009 virus infection in Dutch patients. <i>Influenza and Other Respiratory Viruses</i> , 2012, 6, e16-20.	1.5	5
417	H10N8 and H6N1 Maintain Avian Receptor Binding. <i>Cell Host and Microbe</i> , 2015, 17, 292-294.	5.1	5
418	Heterosubtypic immunity to H7N9 influenza virus in isogenic guinea pigs after infection with pandemic H1N1 virus. <i>Vaccine</i> , 2015, 33, 6977-6982.	1.7	5
419	Variation at Extra-epitopic Amino Acid Residues Influences Suppression of Influenza Virus Replication by M1 58-66 Epitope-Specific CD8 + T Lymphocytes. <i>Journal of Virology</i> , 2018, 92, .	1.5	5
420	Characterization of changes in the hemagglutinin that accompanied the emergence of H3N2/1968 pandemic influenza viruses. <i>PLoS Pathogens</i> , 2021, 17, e1009566.	2.1	5
421	Epidemiological and genetic investigations of human-to-human transmission of zoonotic influenza viruses. <i>Eurosurveillance</i> , 2014, 19, .	3.9	5
422	Infection of grey seals and harbour seals with influenza B virus. <i>International Congress Series</i> , 2001, 1219, 225-231.	0.2	4
423	Inhibition of influenza virus replication by nitric oxide. <i>International Congress Series</i> , 2001, 1219, 551-555.	0.2	4
424	Avian Influenza A virus in ducks migrating through Sweden. <i>International Congress Series</i> , 2004, 1263, 771-772.	0.2	4
425	Role of receptor binding specificity in influenza A virus transmission and pathogenesis. <i>EMBO Journal</i> , 2014, 33, 1614-1614.	3.5	4
426	Genetic and antigenic characterization of influenza A/H5N1 viruses isolated from patients in Indonesia, 2008â€“2015. <i>Virus Genes</i> , 2020, 56, 417-429.	0.7	4
427	Cross-Reactivity Conferred by Homologous and Heterologous Prime-Boost A/H5 Influenza Vaccination Strategies in Humans: A Literature Review. <i>Vaccines</i> , 2021, 9, 1465.	2.1	4
428	Ecology and Evolution of Avian Influenza Viruses. , 2011, , 729-749.		3
429	Antigenic Change in Human Influenza A(H2N2) Viruses Detected by Using Human Plasma from Aged and Younger Adult Individuals. <i>Viruses</i> , 2019, 11, 978.	1.5	3
430	Small quantities of respiratory syncytial virus RNA only in large droplets around infants hospitalized with acute respiratory infections. <i>Antimicrobial Resistance and Infection Control</i> , 2021, 10, 100.	1.5	3
431	Whole genome sequencing of human metapneumoviruses from clinical specimens using MinION nanopore technology. <i>Virus Research</i> , 2021, 302, 198490.	1.1	3
432	ANTIBODIES AGAINST INFLUENZA VIRUS TYPES A AND B IN CANADIAN SEALS. <i>Journal of Wildlife Diseases</i> , 2021, 57, 808-819.	0.3	3

#	ARTICLE	IF	CITATIONS
433	The Cause of Follicular Spicules in Multiple Myelomaâ€”Reply. <i>JAMA Dermatology</i> , 2015, 151, 458.	2.0	2
434	Recovery of a Paramyxovirus, the Human Metapneumovirus, from Cloned cDNA. <i>Methods in Molecular Biology</i> , 2017, 1602, 125-139.	0.4	2
435	Report about HPAI introduction into Europe, HPAI detection in wild birds and HPAI spread between European holdings in the period 2005â€”2015. <i>EFSA Supporting Publications</i> , 2017, 14, 1284E.	0.3	2
436	Immunometabolism pathways as the basis for innovative anti-viral strategies (INITIATE): A Marie Sklodowska-Curie innovative training network. <i>Virus Research</i> , 2020, 287, 198094.	1.1	2
437	Secondary substitutions in the hemagglutinin and neuraminidase genes associated with neuraminidase inhibitor resistance are rare in the Influenza Resistance Information Study (IRIS). <i>Antiviral Research</i> , 2021, 189, 105060.	1.9	2
438	Optimizing environmental safety and cell-killing potential of oncolytic Newcastle Disease virus with modifications of the V, F and HN genes. <i>PLoS ONE</i> , 2022, 17, e0263707.	1.1	2
439	Comparison between intratumoral and intravenously administered oncolytic virus therapy with Newcastle disease virus in a xenograft murine model for pancreatic adenocarcinoma. <i>Heliyon</i> , 2022, 8, e09915.	1.4	2
440	Recognition of influenza virus epitope variants by human CTL. <i>International Congress Series</i> , 2004, 1263, 145-148.	0.2	1
441	Virus replication kinetics and pathogenesis of infection with H7N9 influenza virus in isogenic guinea pigs upon intratracheal inoculation. <i>Vaccine</i> , 2015, 33, 6983-6987.	1.7	1
442	Editorial overview: Intraspecies transmission of viruses: Human-to-human transmission. <i>Current Opinion in Virology</i> , 2017, 22, v-vii.	2.6	1
443	Determinants of the efficacy of viro-immunotherapy: A review. <i>Cytokine and Growth Factor Reviews</i> , 2020, 56, 124-132.	3.2	1
444	Comparison of sequencing methods and data processing pipelines for whole genome sequencing and minority single nucleotide variant (mSNV) analysis during an influenza A/H5N8 outbreak. <i>PLoS ONE</i> , 2020, 15, e0229326.	1.1	1
445	Antigenic Cartography of Human and Swine Influenza A (H3N2) Viruses. <i>Novartis Foundation Symposium</i> , 0, , 32-44.	1.2	1
446	Laboratory tests for SARS: powerful or peripheral?. <i>Cmaj</i> , 2004, 170, 63-4.	0.9	1
447	HIGHLY PATHOGENIC AVIAN INFLUENZA VIRUS (H5N8) OUTBREAK IN A WILD BIRD RESCUE CENTER, THE NETHERLANDS: CONSEQUENCES AND RECOMMENDATIONS. <i>Journal of Zoo and Wildlife Medicine</i> , 2022, 53, 41-49.	0.3	1
448	PCR-based influenza A virus surveillance in European birds. <i>International Congress Series</i> , 2001, 1219, 275-282.	0.2	0
449	Endogenous Retroviruses in Swine Cell Lines and Evaluation of Possible Transmission to Primate Cellular Systems. <i>Veterinary Research Communications</i> , 2003, 27, 363-365.	0.6	0
450	PS1-103 Pancreatic adenocarcinoma: Understanding differences in interferon pathways to optimize oncolytic virotherapy. <i>Cytokine</i> , 2011, 56, 43-44.	1.4	0

#	ARTICLE	IF	CITATIONS
451	264. Cytokine, 2013, 63, 305-306.	1.4	0
452	LPAL detection in wild birds and LPAL spread between European holdings in the period 2005â€2015. EFSA Supporting Publications, 2017, 14, 1286E.	0.3	0
453	A30â€fAvian influenza viruses in wild birds: Virus evolution in a multi-host ecosystem. Virus Evolution, 2019, 5, .	2.2	0
454	Human Metapneumovirus. , 0, , 51-68.		0
455	Tissue tropism and pathology of natural influenza virus infection in black-headed gulls (<i>Chroicocephalus ridibundus</i>). Avian Pathology, 0, , .	0.8	0