Daniel R. Perez

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180 papers	10,068 citations	50 h-index	97 g-index
201 ext. papers	11,385 ext. citations	6.5 avg, IF	5.92 L-index

#	Paper	IF	Citations
180	Universal primer set for the full-length amplification of all influenza A viruses. *Archives of Virology*, **2001**, 146, 2275-89	2.6	1514
179	Generation of influenza A viruses entirely from cloned cDNAs. *Proceedings of the National Academy of Sciences of the United States of America*, **1999**, 96, 9345-50	11.5	1034
178	Eight-plasmid system for rapid generation of influenza virus vaccines. *Vaccine*, **2002**, 20, 3165-70	4.1	325
177	A new influenza virus virulence determinant: the NS1 protein four C-terminal residues modulate pathogenicity. *Proceedings of the National Academy of Sciences of the United States of America*, **2008** , 105, 4381-6	11.5	311
176	Replication and transmission of H9N2 influenza viruses in ferrets: evaluation of pandemic potential. *PLoS ONE*, **2008**, 3, e2923	3.7	220
175	Distinct contributions of vaccine-induced immunoglobulin G1 (IgG1) and IgG2a antibodies to protective immunity against influenza. *Vaccine Journal*, **2006**, 13, 981-90		217
174	Amino acid 226 in the hemagglutinin of H9N2 influenza viruses determines cell tropism and replication in human airway epithelial cells. *Journal of Virology*, **2007**, 81, 5181-91	6.6	215
173	Responsiveness to a pandemic alert: use of reverse genetics for rapid development of influenza vaccines. *Lancet, The*, **2004**, 363, 1099-103	40	205
172	Live attenuated influenza viruses containing NS1 truncations as vaccine candidates against H5N1 highly pathogenic avian influenza. *Journal of Virology*, **2009**, 83, 1742-53	6.6	186
171	Minimal molecular constraints for respiratory droplet transmission of an avian-human H9N2 influenza A virus. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 7565-70	11.5	181
170	Role of quail in the interspecies transmission of H9 influenza A viruses: molecular changes on HA that correspond to adaptation from ducks to chickens. *Journal of Virology*, **2003**, 77, 3148-56	6.6	178
169	Virulence-associated substitution D222G in the hemagglutinin of 2009 pandemic influenza A(H1N1) virus affects receptor binding. *Journal of Virology*, **2010**, 84, 11802-13	6.6	171
168	The influenza virus gene pool in a poultry market in South central china. *Virology*, **2003**, 305, 267-75	3.6	167
167	Characterization of H5N1 influenza viruses that continue to circulate in geese in southeastern China. *Journal of Virology*, **2002**, 76, 118-26	6.6	150
166	Quail carry sialic acid receptors compatible with binding of avian and human influenza viruses. *Virology*, **2006**, 346, 278-86	3.6	140
165	Pathogenesis of Hong Kong H5N1 influenza virus NS gene reassortants in mice: the role of cytokines and B- and T-cell responses. *Journal of General Virology*, **2005**, 86, 1121-1130	4.9	140
164	Inefficient control of host gene expression by the 2009 pandemic H1N1 influenza A virus NS1 protein. *Journal of Virology*, **2010**, 84, 6909-22	6.6	129

163	Introduction of virulence markers in PB2 of pandemic swine-origin influenza virus does not result in enhanced virulence or transmission. *Journal of Virology*, **2010**, 84, 3752-8	6.6	118
162	GM-CSF in the lung protects against lethal influenza infection. *American Journal of Respiratory and Critical Care Medicine*, **2011**, 184, 259-68	10.2	111
161	Compatibility of H9N2 avian influenza surface genes and 2009 pandemic H1N1 internal genes for transmission in the ferret model. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 12084-8	11.5	108
160	Molecular determinants within the surface proteins involved in the pathogenicity of H5N1 influenza viruses in chickens. *Journal of Virology*, **2004**, 78, 9954-64	6.6	108
159	Differential contribution of PB1-F2 to the virulence of highly pathogenic H5N1 influenza A virus in mammalian and avian species. *PLoS Pathogens*, **2011**, 7, e1002186	7.6	105
158	Evidence of expanded host range and mammalian-associated genetic changes in a duck H9N2 influenza virus following adaptation in quail and chickens. *PLoS ONE*, **2008**, 3, e3170	3.7	103
157	Replication and transmission of influenza viruses in Japanese quail. *Virology*, **2003**, 310, 8-15	3.6	95
156	Molecular basis for broad neuraminidase immunity: conserved epitopes in seasonal and pandemic H1N1 as well as H5N1 influenza viruses. *Journal of Virology*, **2013**, 87, 9290-300	6.6	92
155	Functional analysis of PA binding by influenza a virus PB1: effects on polymerase activity and viral infectivity. *Journal of Virology*, **2001**, 75, 8127-36	6.6	90
154	Variations in the hemagglutinin of the 2009 H1N1 pandemic virus: potential for strains with altered virulence phenotype?. *PLoS Pathogens*, **2010**, 6, e1001145	7.6	89
153	Preparation of a standardized, efficacious agricultural H5N3 vaccine by reverse genetics. *Virology*, **2003**, 314, 580-90	3.6	84
152	Universal Vaccines and Vaccine Platforms to Protect against Influenza Viruses in Humans and Agriculture. *Frontiers in Microbiology*, **2018**, 9, 123	5.7	78
151	Seasonal FluMist vaccination induces cross-reactive T cell immunity against H1N1 (2009) influenza and secondary bacterial infections. *Journal of Immunology*, **2011**, 186, 987-93	5.3	75
150	A new generation of modified live-attenuated avian influenza viruses using a two-strategy combination as potential vaccine candidates. *Journal of Virology*, **2007**, 81, 9238-48	6.6	74
149	Avian influenza virus isolated in wild waterfowl in Argentina: evidence of a potentially unique phylogenetic lineage in South America. *Virology*, **2008**, 378, 363-70	3.6	70
148	Modifications in the polymerase genes of a swine-like triple-reassortant influenza virus to generate live attenuated vaccines against 2009 pandemic H1N1 viruses. *Journal of Virology*, **2011**, 85, 456-69	6.6	69
147	Efficacy in pigs of inactivated and live attenuated influenza virus vaccines against infection and transmission of an emerging H3N2 similar to the 2011-2012 H3N2v. *Journal of Virology*, **2013**, 87, 9895-903	6.6	68
146	Characterization of influenza virus sialic acid receptors in minor poultry species. *Virology Journal*, **2010**, 7, 365	6.1	67

145	Isolation and characterization of H3N2 influenza A virus from turkeys. *Avian Diseases*, **2005**, 49, 207-13	1.6	66
144	Airborne transmission of highly pathogenic H7N1 influenza virus in ferrets. *Journal of Virology*, **2014**, 88, 6623-35	6.6	64
143	Influenza A and B virus intertypic reassortment through compatible viral packaging signals. *Journal of Virology*, **2014**, 88, 10778-91	6.6	64
142	Immunization of chickens with Newcastle disease virus expressing H5 hemagglutinin protects against highly pathogenic H5N1 avian influenza viruses. *PLoS ONE*, **2009**, 4, e6509	3.7	64
141	MicroRNA-based strategy to mitigate the risk of gain-of-function influenza studies. *Nature Biotechnology*, **2013**, 31, 844-847	44.5	63
140	Neurovirulence in mice of H5N1 influenza virus genotypes isolated from Hong Kong poultry in 2001. *Journal of Virology*, **2003**, 77, 3816-23	6.6	60
139	A 27-amino-acid deletion in the neuraminidase stalk supports replication of an avian H2N2 influenza A virus in the respiratory tract of chickens. *Journal of Virology*, **2010**, 84, 11831-40	6.6	59
138	Influenza A virus vaccines for swine. *Veterinary Microbiology*, **2017**, 206, 35-44	3.3	58
137	Amino acid 316 of hemagglutinin and the neuraminidase stalk length influence virulence of H9N2 influenza virus in chickens and mice. *Journal of Virology*, **2013**, 87, 2963-8	6.6	58
136	Land-based birds as potential disseminators of avian mammalian reassortant influenza A viruses. *Avian Diseases*, **2003**, 47, 1114-7	1.6	58
135	Novel Reassortant Human-Like H3N2 and H3N1 Influenza A Viruses Detected in Pigs Are Virulent and Antigenically Distinct from Swine Viruses Endemic to the United States. *Journal of Virology*, **2015**, 89, 11213-22	6.6	57
134	Mutations in the NS1 C-terminal tail do not enhance replication or virulence of the 2009 pandemic H1N1 influenza A virus. *Journal of General Virology*, **2010**, 91, 1737-42	4.9	54
133	Contributions of the avian influenza virus HA, NA, and M2 surface proteins to the induction of neutralizing antibodies and protective immunity. *Journal of Virology*, **2010**, 84, 2408-20	6.6	52
132	Pause on avian flu transmission research. *Science*, **2012**, 335, 400-1	33.3	50
131	Genetic analysis of the internal ribosome entry segment of bovine viral diarrhea virus. *Virology*, **1998**, 251, 370-82	3.6	48
130	Influenza viruses with rearranged genomes as live-attenuated vaccines. *Journal of Virology*, **2013**, 87, 5118-27	6.6	46
129	Evidence for avian H9N2 influenza virus infections among rural villagers in Cambodia. *Journal of Infection and Public Health*, **2013**, 6, 69-79	7.4	45
128	Adaptation of influenza A/Mallard/Potsdam/178-4/83 H2N2 virus in Japanese quail leads to infection and transmission in chickens. *Avian Diseases*, **2007**, 51, 264-8	1.6	44

127	Live attenuated influenza A virus vaccine protects against A(H1N1)pdm09 heterologous challenge without vaccine associated enhanced respiratory disease. *Virology*, **2014**, 471-473, 93-104	3.6	43
126	Multivalent HA DNA vaccination protects against highly pathogenic H5N1 avian influenza infection in chickens and mice. *PLoS ONE*, **2008**, 3, e2432	3.7	43
125	The matrix 1 protein of influenza A virus inhibits the transcriptase activity of a model influenza reporter genome in vivo. *Virology*, **1998**, 249, 52-61	3.6	41
124	Evidence of reassortment of pandemic H1N1 influenza virus in swine in Argentina: are we facing the expansion of potential epicenters of influenza emergence?. *Influenza and Other Respiratory Viruses*, **2011**, 5, 409-12	5.6	40
123	The NS5A protein of bovine viral diarrhoea virus interacts with the alpha subunit of translation elongation factor-1. *Journal of General Virology*, **2001**, 82, 2935-2943	4.9	40
122	Antigenic variation of clade 2.1 H5N1 virus is determined by a few amino acid substitutions immediately adjacent to the receptor binding site. *MBio*, **2014**, 5, e01070-14	7.8	38
121	Cold-adapted influenza and recombinant adenovirus vaccines induce cross-protective immunity against pH1N1 challenge in mice. *PLoS ONE*, **2011**, 6, e21937	3.7	38
120	Distribution of O-Acetylated Sialic Acids among Target Host Tissues for Influenza Virus. *MSphere*, **2017**, 2,	5	37
119	Differential regulation of antiviral and proinflammatory cytokines and suppression of Fas-mediated apoptosis by NS1 of H9N2 avian influenza virus in chicken macrophages. *Journal of General Virology*, **2009**, 90, 1109-1118	4.9	35
118	Alternative reassortment events leading to transmissible H9N1 influenza viruses in the ferret model. *Journal of Virology*, **2014**, 88, 66-71	6.6	34
117	Heightened adaptive immune responses following vaccination with a temperature-sensitive, live-attenuated influenza virus compared to adjuvanted, whole-inactivated virus in pigs. *Vaccine*, **2012**, 30, 5830-8	4.1	34
116	Influenza a viruses from wild birds in Guatemala belong to the North American lineage. *PLoS ONE*, **2012**, 7, e32873	3.7	34
115	Outbreak of swine influenza in Argentina reveals a non-contemporary human H3N2 virus highly transmissible among pigs. *Journal of General Virology*, **2011**, 92, 2871-2878	4.9	34
114	Adaptation of Human Influenza Viruses to Swine. *Frontiers in Veterinary Science*, **2018**, 5, 347	3.1	33
113	Alternative live-attenuated influenza vaccines based on modifications in the polymerase genes protect against epidemic and pandemic flu. *Journal of Virology*, **2010**, 84, 4587-96	6.6	33
112	Infection and pathogenesis of canine, equine, and human influenza viruses in canine tracheas. *Journal of Virology*, **2014**, 88, 9208-19	6.6	32
111	Interactions between the influenza A virus RNA polymerase components and retinoic acid-inducible gene I. *Journal of Virology*, **2014**, 88, 10432-47	6.6	32
110	The Molecular Determinants of Antibody Recognition and Antigenic Drift in the H3 Hemagglutinin of Swine Influenza A Virus. *Journal of Virology*, **2016**, 90, 8266-80	6.6	31

109	Transmission studies resume for avian flu. *Science*, **2013**, 339, 520-1	33.3	31
108	The quest of influenza A viruses for new hosts. *Avian Diseases*, **2003**, 47, 849-56	1.6	31
107	Vaccine-associated enhanced respiratory disease is influenced by haemagglutinin and neuraminidase in whole inactivated influenza virus vaccines. *Journal of General Virology*, **2016**, 97, 1489-1499	4.9	31
106	Receptor characterization and susceptibility of cotton rats to avian and 2009 pandemic influenza virus strains. *Journal of Virology*, **2013**, 87, 2036-45	6.6	30
105	Evidence for seasonal patterns in the relative abundance of avian influenza virus subtypes in blue-winged teal (Anas discors). *Journal of Wildlife Diseases*, **2014**, 50, 916-22	1.3	30
104	Widespread Virus Replication in Alveoli Drives Acute Respiratory Distress Syndrome in Aerosolized H5N1 Influenza Infection of Macaques. *Journal of Immunology*, **2017**, 198, 1616-1626	5.3	29
103	Replication-competent fluorescent-expressing influenza B virus. *Virus Research*, **2016**, 213, 69-81	6.4	29
102	Restored PB1-F2 in the 2009 pandemic H1N1 influenza virus has minimal effects in swine. *Journal of Virology*, **2012**, 86, 5523-32	6.6	29
101	Fitness of pandemic H1N1 and seasonal influenza A viruses during co-infection: evidence of competitive advantage of pandemic H1N1 influenza versus seasonal influenza. *PLOS Currents*, **2009**, 1, RRN1011		28
100	Swine influenza virus vaccine serologic cross-reactivity to contemporary US swine H3N2 and efficacy in pigs infected with an H3N2 similar to 2011-2012 H3N2v. *Influenza and Other Respiratory Viruses*, **2013**, 7 Suppl 4, 32-41	5.6	27
99	Intranasal delivery of an IgA monoclonal antibody effective against sublethal H5N1 influenza virus infection in mice. *Vaccine Journal*, **2010**, 17, 1363-70		27
98	Immunosenescence and age-related susceptibility to influenza virus in Japanese quail. *Developmental and Comparative Immunology*, **2007**, 31, 407-14	3.2	26
97	H9 Influenza Viruses: An Emerging Challenge. *Cold Spring Harbor Perspectives in Medicine*, **2020**, 10,	5.4	25
96	Isolation and characterization of an H9N2 influenza virus isolated in Argentina. *Virus Research*, **2012**, 168, 41-7	6.4	24
95	Replication-Competent Influenza A and B Viruses Expressing a Fluorescent Dynamic Timer Protein for In Vitro and In Vivo Studies. *PLoS ONE*, **2016**, 11, e0147723	3.7	24
94	Avian influenza: an omnipresent pandemic threat. *Pediatric Infectious Disease Journal*, **2005**, 24, S208-16, discussion S215	3.4	23
93	Heterologous challenge in the presence of maternally-derived antibodies results in vaccine-associated enhanced respiratory disease in weaned piglets. *Virology*, **2016**, 491, 79-88	3.6	22
92	Phylogenetic analysis of H6 influenza viruses isolated from rosy-billed pochards (Netta peposaca) in Argentina reveals the presence of different HA gene clusters. *Journal of Virology*, **2011**, 85, 13354-62	6.6	22

91	Genomic characterization of H14 subtype Influenza A viruses in new world waterfowl and experimental infectivity in mallards (Anas platyrhynchos). *PLoS ONE*, **2014**, 9, e95620	3.7	21
90	Strain-dependent effects of PB1-F2 of triple-reassortant H3N2 influenza viruses in swine. *Journal of General Virology*, **2012**, 93, 2204-2214	4.9	21
89	Partial direct contact transmission in ferrets of a mallard H7N3 influenza virus with typical avian-like receptor specificity. *Virology Journal*, **2009**, 6, 126	6.1	21
88	An avian live attenuated master backbone for potential use in epidemic and pandemic influenza vaccines. *Journal of General Virology*, **2008**, 89, 2682-2690	4.9	21
87	The effect of avian influenza virus NS1 allele on virus replication and innate gene expression in avian cells. *Molecular Immunology*, **2013**, 56, 358-68	4.3	20
86	Partial and full PCR-based reverse genetics strategy for influenza viruses. *PLoS ONE*, **2012**, 7, e46378	3.7	20
85	Roles of major histocompatibility complex class II in inducing protective immune responses to influenza vaccination. *Journal of Virology*, **2014**, 88, 7764-75	6.6	19
84	Avian flu: Gain-of-function experiments on H7N9. *Nature*, **2013**, 500, 150-1	50.4	19
83	Where do avian influenza viruses meet in the Americas?. *Avian Diseases*, **2012**, 56, 1025-33	1.6	19
82	All-in-one bacmids: an efficient reverse genetics strategy for influenza A virus vaccines. *Journal of Virology*, **2014**, 88, 10013-25	6.6	18
81	Genome rearrangement of influenza virus for anti-viral drug screening. *Virus Research*, **2014**, 189, 14-23	6.4	18
80	Gain-of-function experiments on H7N9. *Science*, **2013**, 341, 612-3	33.3	18
79	Improved hatchability and efficient protection after in ovo vaccination with live-attenuated H7N2 and H9N2 avian influenza viruses. *Virology Journal*, **2011**, 8, 31	6.1	18
78	Efficacy of GC-376 against SARS-CoV-2 virus infection in the K18 hACE2 transgenic mouse model. *Scientific Reports*, **2021**, 11, 9609	4.9	18
77	Modeling Human Respiratory Viral Infections in the Cotton Rat (). *Journal of Antivirals & Antiretrovirals*, **2014**, 6, 40-42	2	17
76	Flexibility of Amino Acid 226 in the Receptor-Binding Site of an H9 Subtype Influenza A Virus and Its Effect on Virus Replication, Tropism, and Transmission. *Journal of Virology*, **2019**, 93,	6.6	17
75	Passive immune neutralization strategies for prevention and control of influenza A infections. *Immunotherapy*, **2012**, 4, 175-86	3.8	15
74	Adaptation of a mallard H5N2 low pathogenicity influenza virus in chickens with prior history of infection with infectious bursal disease virus. *Avian Diseases*, **2010**, 54, 513-21	1.6	15

73	Characterizing Emerging Canine H3 Influenza Viruses. *PLoS Pathogens*, **2020**, 16, e1008409	7.6	15
72	Short- and long-term protective efficacy against clade 2.3.4.4 H5N2 highly pathogenic avian influenza virus following prime-boost vaccination in turkeys. *Vaccine*, **2017**, 35, 5637-5643	4.1	14
71	Deletions in the neuraminidase stalk region of H2N2 and H9N2 avian influenza virus subtypes do not affect postinfluenza secondary bacterial pneumonia. *Journal of Virology*, **2012**, 86, 3564-73	6.6	13
70	Public health and biosecurity. H5N1 debates: hung up on the wrong questions. *Science*, **2012**, 335, 799-801	33.3	13
69	Age at Vaccination and Timing of Infection Do Not Alter Vaccine-Associated Enhanced Respiratory Disease in Influenza A Virus-Infected Pigs. *Vaccine Journal*, **2016**, 23, 470-482		13
68	Reverse Genetics of Influenza B Viruses. *Methods in Molecular Biology*, **2017**, 1602, 205-238	1.4	12
67	Prevalence and Diversity of Low Pathogenicity Avian Influenza Viruses in Wild Birds in Guatemala, 2010-2013. *Avian Diseases*, **2016**, 60, 359-64	1.6	12
66	An efficient and rapid influenza gene cloning strategy for reverse genetics system. *Journal of Virological Methods*, **2015**, 222, 91-4	2.6	11
65	In vivo selection of H1N2 influenza virus reassortants in the ferret model. *Journal of Virology*, **2013**, 87, 3277-83	6.6	11
64	Enhancing the cross protective efficacy of live attenuated influenza virus vaccine by supplemented vaccination with M2 ectodomain virus-like particles. *Virology*, **2019**, 529, 111-121	3.6	11
63	Plasmid-Based Reverse Genetics of Influenza A Virus. *Methods in Molecular Biology*, **2017**, 1602, 251-273	1.4	10
62	Oral Fluids as a Live-Animal Sample Source for Evaluating Cross-Reactivity and Cross-Protection following Intranasal Influenza A Virus Vaccination in Pigs. *Vaccine Journal*, **2015**, 22, 1109-20		10
61	Genesis of pandemic influenza. *Cytogenetic and Genome Research*, **2007**, 117, 394-402	1.9	10
60	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. *Archives of Virology*, **2021**, 166, 3513-3566	2.6	10
59	Collective interactions augment influenza A virus replication in a host-dependent manner. *Nature Microbiology*, **2020**, 5, 1158-1169	26.6	9
58	Neuraminidase inhibiting antibody responses in pigs differ between influenza A virus N2 lineages and by vaccine type. *Vaccine*, **2016**, 34, 3773-9	4.1	9
57	Crosstalk between the serine/threonine kinase StkP and the response regulator ComE controls the stress response and intracellular survival of Streptococcus pneumoniae. *PLoS Pathogens*, **2018**, 14, e1007118	7.6	9
56	Improved detection of influenza A virus from blue-winged teals by sequencing directly from swab material. *Ecology and Evolution*, **2019**, 9, 6534-6546	2.8	9

55	Replication and transmission of mammalian-adapted H9 subtype influenza virus in pigs and quail. *Journal of General Virology*, **2015**, 96, 2511-2521	4.9	9
54	Swine influenza: clinical, serological, pathological, and virological cross-sectional studies in nine farms in Argentina. *Influenza and Other Respiratory Viruses*, **2013**, 7 Suppl 4, 10-5	5.6	9
53	The non-structural (NS) gene segment of H9N2 influenza virus isolated from backyard poultry in Pakistan reveals strong genetic and functional similarities to the NS gene of highly pathogenic H5N1. *Virulence*, **2013**, 4, 612-23	4.7	9
52	Identification of Amino Acid Residues Responsible for Inhibition of Host Gene Expression by Influenza A H9N2 NS1 Targeting of CPSF30. *Frontiers in Microbiology*, **2018**, 9, 2546	5.7	9
51	Origin, distribution, and potential risk factors associated with influenza A virus in swine in two production systems in Guatemala. *Influenza and Other Respiratory Viruses*, **2017**, 11, 182-192	5.6	8
50	Influenza A(H1N1)pdm09 virus infection in marine mammals in California. *Emerging Microbes and Infections*, **2013**, 2, e40	18.9	8
49	Plasticity of Amino Acid Residue 145 Near the Receptor Binding Site of H3 Swine Influenza A Viruses and Its Impact on Receptor Binding and Antibody Recognition. *Journal of Virology*, **2019**, 93,	6.6	8
48	Comparison of Adjuvanted-Whole Inactivated Virus and Live-Attenuated Virus Vaccines against Challenge with Contemporary, Antigenically Distinct H3N2 Influenza A Viruses. *Journal of Virology*, **2018**, 92,	6.6	8
47	Development of an Alternative Modified Live Influenza B Virus Vaccine. *Journal of Virology*, **2017**, 91,	6.6	7
46	A novel monoclonal antibody effective against lethal challenge with swine-lineage and 2009 pandemic H1N1 influenza viruses in mice. *Virology*, **2011**, 417, 379-84	3.6	7
45	Design of alternative live attenuated influenza virus vaccines. *Current Topics in Microbiology and Immunology*, **2015**, 386, 205-35	3.3	6
44	The pneumococcal two-component system SirRH is linked to enhanced intracellular survival of Streptococcus pneumoniae in influenza-infected pulmonary cells. *PLoS Pathogens*, **2020**, 16, e1008761	7.6	6
43	Plasmid-Based Reverse Genetics of Influenza A Virus. *Methods in Molecular Biology*, **2020**, 2123, 37-59	1.4	6
42	Two years of surveillance of influenza a virus infection in a swine herd. Results of virological, serological and pathological studies. *Comparative Immunology, Microbiology and Infectious Diseases*, **2017**, 50, 110-115	2.6	5
41	In vivo rescue of recombinant Zika virus from an infectious cDNA clone and its implications in vaccine development. *Scientific Reports*, **2020**, 10, 512	4.9	5
40	Replication of H9 influenza viruses in the human ex vivo respiratory tract, and the influence of neuraminidase on virus release. *Scientific Reports*, **2017**, 7, 6208	4.9	5
39	Evidence of Intercontinental Spread and Uncommon Variants of Low-Pathogenicity Avian Influenza Viruses in Ducks Overwintering in Guatemala. *MSphere*, **2017**, 2,	5	5
38	Influenza Virus Aerosols in Human Exhaled Breath: Particle Size, Culturability, and Effect of Surgical Masks. *Epidemiology*, **2011**, 22, S51	3.1	5

37	Mutations in PB1, NP, HA, and NA Contribute to Increased Virus Fitness of H5N2 Highly Pathogenic Avian Influenza Virus Clade 2.3.4.4 in Chickens. *Journal of Virology*, **2020**,	6.6	5
36	Efficacy of GC-376 against SARS-CoV-2 virus infection in the K18 hACE2 transgenic mouse model **2021**,		5
35	Mild and Severe SARS-CoV-2 Infection Induces Respiratory and Intestinal Microbiome Changes in the K18-hACE2 Transgenic Mouse Model. *Microbiology Spectrum*, **2021**, 9, e0053621	8.9	5
34	Factors affecting induction of peripheral IFN-γ recall response to influenza A virus vaccination in pigs. *Veterinary Immunology and Immunopathology*, **2017**, 185, 57-65	2	4
33	Alternative Strategy for a Quadrivalent Live Attenuated Influenza Virus Vaccine. *Journal of Virology* , **2018**, 92,	6.6	4
32	Polymorphisms in the haemagglutinin gene influenced the viral shedding of pandemic 2009 influenza virus in swine. *Journal of General Virology*, **2014**, 95, 2618-2626	4.9	4
31	Influenza Virus Aerosols In Human Exhaled Breath: Particle Size, Culturability, And Effect Of Surgical Masks **2010**,		4
30	Evidence of a fixed internal gene constellation in influenza A viruses isolated from wild birds in Argentina (2006-2016). *Emerging Microbes and Infections*, **2018**, 7, 194	18.9	4
29	Airborne Transmission of Avian Origin H9N2 Influenza A Viruses in Mammals. *Viruses*, **2021**, 13,	6.2	4
28	Age-dependent pathogenesis of clade 2.3.4.4A H5N2 HPAIV in experimentally infected Broad Breasted White turkeys. *Veterinary Microbiology*, **2019**, 231, 183-190	3.3	3
27	Silent Infection of B and CD8 T Lymphocytes by Influenza A Virus in Children with Tonsillar Hypertrophy. *Journal of Virology*, **2020**, 94,	6.6	3
26	Correction for Koel et al., Antigenic Variation of Clade 2.1 H5N1 Virus Is Determined by a Few Amino Acid Substitutions Immediately Adjacent to the Receptor Binding Site. *MBio*, **2014**, 5,	7.8	3
25	Pandemic influenza: preventing the emergence of novel strains and countermeasures to ameliorate its effects. *Infectious Disorders - Drug Targets*, **2007**, 7, 304-17	1.1	3
24	Molecular determinants of the pathogenicity of H5N1 influenza viruses in chickens. *International Congress Series*, **2004**, 1263, 114-117		3
23	LIMITED DETECTION OF ANTIBODIES TO CLADE 2.3.4.4 A/GOOSE/GUANGDONG/1/1996 LINEAGE HIGHLY PATHOGENIC H5 AVIAN INFLUENZA VIRUS IN NORTH AMERICAN WATERFOWL. *Journal of Wildlife Diseases*, **2020**, 56, 47	1.3	3
22	Impact of a potential glycosylation site at neuraminidase amino acid 264 of influenza A/H9N2 virus. *Veterinary Microbiology*, **2016**, 196, 9-13	3.3	3
21	Evolution and Antigenic Advancement of N2 Neuraminidase of Swine Influenza A Viruses Circulating in the United States following Two Separate Introductions from Human Seasonal Viruses. *Journal of Virology*, **2021**, 95, e0063221	6.6	3
20	Influenza antivirals and animal models.. *FEBS Open Bio*, **2022**,	2.7	3

19	Low-pathogenicity avian influenza **2016**, 271-301		2
18	The prevention and control of avian influenza: the avian influenza coordinated agriculture project. *Poultry Science*, **2009**, 88, 837-41	3.9	2
17	Collective interactions augment influenza A virus replication in a host-dependent manner		2
16	Reverse genetics for influenza B viruses and recent advances in vaccine development. *Current Opinion in Virology*, **2020**, 44, 191-202	7.5	2
15	Rational design of a deuterium-containing M2-S31N channel blocker UAWJ280 with antiviral efficacy against both oseltamivir sensitive and -resistant influenza A viruses. *Emerging Microbes and Infections*, **2021**, 10, 1832-1848	18.9	2
14	Maternally-Derived Antibodies Protect against Challenge with Highly Pathogenic Avian Influenza Virus of the H7N3 Subtype. *Vaccines*, **2019**, 7,	5.3	1
13	Mild and severe SARS-CoV-2 infection induces respiratory and intestinal microbiome changes in the K18-hACE2 transgenic mouse model		1
12	Development of a swine RNA polymerase I driven Influenza reverse genetics system for the rescue of type A and B Influenza viruses. *Journal of Virological Methods*, **2021**, 288, 114011	2.6	1
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