

Peter Palese

List of Publications by Year in descending order

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341
papers

46,654
citations

1099

112
h-index

2243

201
g-index

362
all docs

362
docs citations

362
times ranked

26765
citing authors

#	ARTICLE	IF	CITATIONS
1	Influenza Virus Transmission Is Dependent on Relative Humidity and Temperature. PLoS Pathogens, 2007, 3, e151.	4.7	1,259
2	Characterization of the Reconstructed 1918 Spanish Influenza Pandemic Virus. Science, 2005, 310, 77-80.	12.6	1,158
3	Influenza A Virus Lacking the NS1 Gene Replicates in Interferon-Deficient Systems. Virology, 1998, 252, 324-330.	2.4	913
4	A novel influenza A virus mitochondrial protein that induces cell death. Nature Medicine, 2001, 7, 1306-1312.	30.7	901
5	Influenza. Nature Reviews Disease Primers, 2018, 4, 3.	30.5	880
6	The biology of influenza viruses. Vaccine, 2008, 26, D49-D53.	3.8	802
7	Characterization of temperature sensitive influenza virus mutants defective in neuraminidase. Virology, 1974, 61, 397-410.	2.4	779
8	Human host factors required for influenza virus replication. Nature, 2010, 463, 813-817.	27.8	755
9	Rescue of Influenza A Virus from Recombinant DNA. Journal of Virology, 1999, 73, 9679-9682.	3.4	741
10	Broadly neutralizing hemagglutinin stalk-specific antibodies require FcγR interactions for protection against influenza virus in vivo. Nature Medicine, 2014, 20, 143-151.	30.7	680
11	Severe Acute Respiratory Syndrome Coronavirus Open Reading Frame (ORF) 3b, ORF 6, and Nucleocapsid Proteins Function as Interferon Antagonists. Journal of Virology, 2007, 81, 548-557.	3.4	601
12	Localized Oncolytic Virotherapy Overcomes Systemic Tumor Resistance to Immune Checkpoint Blockade Immunotherapy. Science Translational Medicine, 2014, 6, 226ra32.	12.4	590
13	Glycan Microarray Analysis of the Hemagglutinins from Modern and Pandemic Influenza Viruses Reveals Different Receptor Specificities. Journal of Molecular Biology, 2006, 355, 1143-1155.	4.2	570
14	Activation of Interferon Regulatory Factor 3 Is Inhibited by the Influenza A Virus NS1 Protein. Journal of Virology, 2000, 74, 7989-7996.	3.4	533
15	Genomic analysis of increased host immune and cell death responses induced by 1918 influenza virus. Nature, 2006, 443, 578-581.	27.8	515
16	A Two-Amino Acid Change in the Hemagglutinin of the 1918 Influenza Virus Abolishes Transmission. Science, 2007, 315, 655-659.	12.6	508
17	Influenza A Virus NS1 Protein Prevents Activation of NF-κB and Induction of Alpha/Beta Interferon. Journal of Virology, 2000, 74, 11566-11573.	3.4	505
18	Influenza: old and new threats. Nature Medicine, 2004, 10, S82-S87.	30.7	502

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19	Transmission of Influenza Virus in a Mammalian Host Is Increased by PB2 Amino Acids 627K or 627E/701N. PLoS Pathogens, 2009, 5, e1000252.	4.7	497
20	Advances in the development of influenza virus vaccines. Nature Reviews Drug Discovery, 2015, 14, 167-182.	46.4	496
21	Severe Acute Respiratory Syndrome Coronavirus ORF6 Antagonizes STAT1 Function by Sequestering Nuclear Import Factors on the Rough Endoplasmic Reticulum/Golgi Membrane. Journal of Virology, 2007, 81, 9812-9824.	3.4	472
22	Amplification, expression, and packaging of a foreign gene by influenza virus. Cell, 1989, 59, 1107-1113.	28.9	469
23	Pathogenicity of Influenza Viruses with Genes from the 1918 Pandemic Virus: Functional Roles of Alveolar Macrophages and Neutrophils in Limiting Virus Replication and Mortality in Mice. Journal of Virology, 2005, 79, 14933-14944.	3.4	466
24	Influenza Virus Vaccine Based on the Conserved Hemagglutinin Stalk Domain. MBio, 2010, 1, .	4.1	460
25	The Ebola virus VP35 protein functions as a type I IFN antagonist. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 12289-12294.	7.1	442
26	Structure of the Uncleaved Human H1 Hemagglutinin from the Extinct 1918 Influenza Virus. Science, 2004, 303, 1866-1870.	12.6	440
27	Cross-neutralization of influenza A viruses mediated by a single antibody loop. Nature, 2012, 489, 526-532.	27.8	434
28	The Ebola Virus VP35 Protein Inhibits Activation of Interferon Regulatory Factor 3. Journal of Virology, 2003, 77, 7945-7956.	3.4	432
29	A Single Mutation in the PB1-F2 of H5N1 (HK/97) and 1918 Influenza A Viruses Contributes to Increased Virulence. PLoS Pathogens, 2007, 3, e141.	4.7	427
30	Interferon antagonist proteins of influenza and vaccinia viruses are suppressors of RNA silencing. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 1350-1355.	7.1	378
31	Chimeric Hemagglutinin Influenza Virus Vaccine Constructs Elicit Broadly Protective Stalk-Specific Antibodies. Journal of Virology, 2013, 87, 6542-6550.	3.4	360
32	Recent human influenza A (H1N1) viruses are closely related genetically to strains isolated in 1950. Nature, 1978, 274, 334-339.	27.8	358
33	A Single Amino Acid Substitution in 1918 Influenza Virus Hemagglutinin Changes Receptor Binding Specificity. Journal of Virology, 2005, 79, 11533-11536.	3.4	356
34	Immune history profoundly affects broadly protective B cell responses to influenza. Science Translational Medicine, 2015, 7, 316ra192.	12.4	353
35	Broadly neutralizing anti-influenza antibodies require Fc receptor engagement for in vivo protection. Journal of Clinical Investigation, 2016, 126, 605-610.	8.2	349
36	Newcastle Disease Virus (NDV)-Based Assay Demonstrates Interferon-Antagonist Activity for the NDV V Protein and the Nipah Virus V, W, and C Proteins. Journal of Virology, 2003, 77, 1501-1511.	3.4	348

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37	Cellular transcriptional profiling in influenza A virus-infected lung epithelial cells: The role of the nonstructural NS1 protein in the evasion of the host innate defense and its potential contribution to pandemic influenza. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 10736-10741.	7.1	339
38	Influenza Virus NS1 Protein Counteracts PKR-Mediated Inhibition of Replication. <i>Journal of Virology</i> , 2000, 74, 6203-6206.	3.4	328
39	The 3' and 5'-terminal sequences of influenza A, B and C virus RNA segments are highly conserved and show partial inverted complementarity. <i>Gene</i> , 1980, 8, 315-328.	2.2	323
40	The guinea pig as a transmission model for human influenza viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 9988-9992.	7.1	317
41	Influenza Virus PB1-F2 Protein Induces Cell Death through Mitochondrial ANT3 and VDAC1. <i>PLoS Pathogens</i> , 2005, 1, e4.	4.7	306
42	High Temperature (30°C) Blocks Aerosol but Not Contact Transmission of Influenza Virus. <i>Journal of Virology</i> , 2008, 82, 5650-5652.	3.4	292
43	Influenza A and B viruses expressing altered NS1 proteins: A vaccine approach. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 4309-4314.	7.1	288
44	Influenza virus hemagglutinin stalk-based antibodies and vaccines. <i>Current Opinion in Virology</i> , 2013, 3, 521-530.	5.4	286
45	The genes of influenza virus. <i>Cell</i> , 1977, 10, 1-10.	28.9	281
46	The Role of Interferon in Influenza Virus Tissue Tropism. <i>Journal of Virology</i> , 1998, 72, 8550-8558.	3.4	276
47	Influenza A Virus PB1-F2 Protein Contributes to Viral Pathogenesis in Mice. <i>Journal of Virology</i> , 2006, 80, 7976-7983.	3.4	276
48	Vaccination with a synthetic peptide from the influenza virus hemagglutinin provides protection against distinct viral subtypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18979-18984.	7.1	273
49	Toward a Universal Influenza Virus Vaccine: Prospects and Challenges. <i>Annual Review of Medicine</i> , 2013, 64, 189-202.	12.2	270
50	Cellular Proteins in Influenza Virus Particles. <i>PLoS Pathogens</i> , 2008, 4, e1000085.	4.7	268
51	Sequence of the 1918 pandemic influenza virus nonstructural gene (NS) segment and characterization of recombinant viruses bearing the 1918 NS genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 2746-2751.	7.1	266
52	Broadly Protective Monoclonal Antibodies against H3 Influenza Viruses following Sequential Immunization with Different Hemagglutinins. <i>PLoS Pathogens</i> , 2010, 6, e1000796.	4.7	251
53	A Proline-Rich Motif within the Matrix Protein of Vesicular Stomatitis Virus and Rabies Virus Interacts with WW Domains of Cellular Proteins: Implications for Viral Budding. <i>Journal of Virology</i> , 1999, 73, 2921-2929.	3.4	249
54	Combinatorial antibody libraries from survivors of the Turkish H5N1 avian influenza outbreak reveal virus neutralization strategies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5986-5991.	7.1	248

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55	Hemagglutinin stalk antibodies elicited by the 2009 pandemic influenza virus as a mechanism for the extinction of seasonal H1N1 viruses. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2573-2578.	7.1	244
56	Influenza Viruses Expressing Chimeric Hemagglutinins: Globular Head and Stalk Domains Derived from Different Subtypes. Journal of Virology, 2012, 86, 5774-5781.	3.4	241
57	Both Neutralizing and Non-Neutralizing Human H7N9 Influenza Vaccine-Induced Monoclonal Antibodies Confer Protection. Cell Host and Microbe, 2016, 19, 800-813.	11.0	238
58	Influenza B virus evolution: Co-circulating lineages and comparison of evolutionary pattern with those of influenza A and C viruses. Virology, 1988, 163, 112-122.	2.4	227
59	Recombinant Newcastle Disease Virus as a Vaccine Vector. Journal of Virology, 2001, 75, 11868-11873.	3.4	220
60	Attenuation of Equine Influenza Viruses through Truncations of the NS1 Protein. Journal of Virology, 2005, 79, 8431-8439.	3.4	220
61	Live Attenuated Influenza Viruses Containing NS1 Truncations as Vaccine Candidates against H5N1 Highly Pathogenic Avian Influenza. Journal of Virology, 2009, 83, 1742-1753.	3.4	217
62	Broad-spectrum antiviral that interferes with de novo pyrimidine biosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 5777-5782.	7.1	213
63	Newcastle Disease Virus V Protein Is a Determinant of Host Range Restriction. Journal of Virology, 2003, 77, 9522-9532.	3.4	208
64	Engineered viral vaccine constructs with dual specificity: Avian influenza and Newcastle disease. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8203-8208.	7.1	207
65	Nipah Virus V and W Proteins Have a Common STAT1-Binding Domain yet Inhibit STAT1 Activation from the Cytoplasmic and Nuclear Compartments, Respectively. Journal of Virology, 2004, 78, 5633-5641.	3.4	206
66	The Influenza Virus Protein PB1-F2 Inhibits the Induction of Type I Interferon at the Level of the MAVS Adaptor Protein. PLoS Pathogens, 2011, 7, e1002067.	4.7	206
67	Nuclear Import of Influenza Virus RNA Can Be Mediated by Viral Nucleoprotein and Transport Factors Required for Protein Import. Journal of Biological Chemistry, 1995, 270, 22701-22704.	3.4	205
68	A chimeric hemagglutinin-based universal influenza virus vaccine approach induces broad and long-lasting immunity in a randomized, placebo-controlled phase I trial. Nature Medicine, 2021, 27, 106-114.	30.7	204
69	Induction of broadly cross-reactive antibody responses to the influenza HA stem region following H5N1 vaccination in humans. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13133-13138.	7.1	197
70	Synthesis and cellular location of the ten influenza polypeptides individually expressed by recombinant vaccinia viruses. Virology, 1987, 160, 336-345.	2.4	193
71	Protective immunity and susceptibility to infectious diseases: lessons from the 1918 influenza pandemic. Nature Immunology, 2007, 8, 1188-1193.	14.5	189
72	Specific Residues of the Influenza A Virus Hemagglutinin Viral RNA Are Important for Efficient Packaging into Budding Virions. Journal of Virology, 2007, 81, 9727-9736.	3.4	188

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73	A Multi-Targeting, Nucleoside-Modified mRNA Influenza Virus Vaccine Provides Broad Protection in Mice. <i>Molecular Therapy</i> , 2020, 28, 1569-1584.	8.2	188
74	Oncolytic Newcastle disease virus for cancer therapy: old challenges and new directions. <i>Future Microbiology</i> , 2012, 7, 347-367.	2.0	185
75	Statement in support of the scientists, public health professionals, and medical professionals of China combatting COVID-19. <i>Lancet</i> , The, 2020, 395, e42-e43.	13.7	182
76	Transmission of Influenza Virus via Aerosols and Fomites in the Guinea Pig Model. <i>Journal of Infectious Diseases</i> , 2009, 199, 858-865.	4.0	179
77	Nuclear Localization of the Nipah Virus W Protein Allows for Inhibition of both Virus- and Toll-Like Receptor 3-Triggered Signaling Pathways. <i>Journal of Virology</i> , 2005, 79, 6078-6088.	3.4	174
78	Vaccination with Adjuvanted Recombinant Neuraminidase Induces Broad Heterologous, but Not Heterosubtypic, Cross-Protection against Influenza Virus Infection in Mice. <i>MBio</i> , 2015, 6, e02556.	4.1	173
79	Pathogenicity and immunogenicity of influenza viruses with genes from the 1918 pandemic virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 3166-3171.	7.1	171
80	Anti-HA Glycoforms Drive B Cell Affinity Selection and Determine Influenza Vaccine Efficacy. <i>Cell</i> , 2015, 162, 160-169.	28.9	171
81	Protection of Mice against Lethal Challenge with 2009 H1N1 Influenza A Virus by 1918-Like and Classical Swine H1N1 Based Vaccines. <i>PLoS Pathogens</i> , 2010, 6, e1000745.	4.7	166
82	Influenza Virus Protein PB1-F2 Inhibits the Induction of Type I Interferon by Binding to MAVS and Decreasing Mitochondrial Membrane Potential. <i>Journal of Virology</i> , 2012, 86, 8359-8366.	3.4	162
83	Genome-wide mutagenesis of influenza virus reveals unique plasticity of the hemagglutinin and NS1 proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20248-20253.	7.1	159
84	NPI-1, the human homolog of SRP-1, Interacts with influenza virus nucleoprotein. <i>Virology</i> , 1995, 206, 116-125.	2.4	158
85	Neutralizing Antibodies Against Previously Encountered Influenza Virus Strains Increase over Time: A Longitudinal Analysis. <i>Science Translational Medicine</i> , 2013, 5, 198ra107.	12.4	157
86	Cellular Splicing Factor RAF-2p48/NPI-5/BAT1/UAP56 Interacts with the Influenza Virus Nucleoprotein and Enhances Viral RNA Synthesis. <i>Journal of Virology</i> , 2001, 75, 1899-1908.	3.4	154
87	Epitope specificity plays a critical role in regulating antibody-dependent cell-mediated cytotoxicity against influenza A virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11931-11936.	7.1	153
88	One influenza virus particle packages eight unique viral RNAs as shown by FISH analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9101-9106.	7.1	150
89	A Pan-H1 Anti-Hemagglutinin Monoclonal Antibody with Potent Broad-Spectrum Efficacy <i>In Vivo</i> . <i>Journal of Virology</i> , 2012, 86, 6179-6188.	3.4	150
90	Guiding the Immune Response against Influenza Virus Hemagglutinin toward the Conserved Stalk Domain by Hyperglycosylation of the Globular Head Domain. <i>Journal of Virology</i> , 2014, 88, 699-704.	3.4	148

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91	A Carboxy-Terminal Trimerization Domain Stabilizes Conformational Epitopes on the Stalk Domain of Soluble Recombinant Hemagglutinin Substrates. PLoS ONE, 2012, 7, e43603.	2.5	146
92	Influenza A(H7N9) virus gains neuraminidase inhibitor resistance without loss of in vivo virulence or transmissibility. Nature Communications, 2013, 4, 2854.	12.8	146
93	An influenza virus containing nine different RNA segments. Virology, 1991, 185, 291-298.	2.4	144
94	Highly Conserved Regions of Influenza A Virus Polymerase Gene Segments Are Critical for Efficient Viral RNA Packaging. Journal of Virology, 2008, 82, 2295-2304.	3.4	144
95	7a Protein of Severe Acute Respiratory Syndrome Coronavirus Inhibits Cellular Protein Synthesis and Activates p38 Mitogen-Activated Protein Kinase. Journal of Virology, 2006, 80, 785-793.	3.4	142
96	Colocalization of Different Influenza Viral RNA Segments in the Cytoplasm before Viral Budding as Shown by Single-molecule Sensitivity FISH Analysis. PLoS Pathogens, 2013, 9, e1003358.	4.7	142
97	Single gene reassortants identify a critical role for PB1, HA, and NA in the high virulence of the 1918 pandemic influenza virus. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3064-3069.	7.1	140
98	H3N2 Influenza Virus Infection Induces Broadly Reactive Hemagglutinin Stalk Antibodies in Humans and Mice. Journal of Virology, 2013, 87, 4728-4737.	3.4	138
99	The influenza c virus glycoprotein (HE) exhibits receptor-binding (hemagglutinin) and receptor-destroying (esterase) activities. Virology, 1987, 160, 419-425.	2.4	137
100	Induction of Broadly Reactive Anti-Hemagglutinin Stalk Antibodies by an H5N1 Vaccine in Humans. Journal of Virology, 2014, 88, 13260-13268.	3.4	136
101	Making Better Influenza Virus Vaccines?. Emerging Infectious Diseases, 2006, 12, 61-65.	4.3	135
102	A Single N66S Mutation in the PB1-F2 Protein of Influenza A Virus Increases Virulence by Inhibiting the Early Interferon Response <i>In Vivo</i> . Journal of Virology, 2011, 85, 652-662.	3.4	135
103	PB1-F2 Expression by the 2009 Pandemic H1N1 Influenza Virus Has Minimal Impact on Virulence in Animal Models. Journal of Virology, 2010, 84, 4442-4450.	3.4	134
104	Alveolar macrophages are critical for broadly-reactive antibody-mediated protection against influenza A virus in mice. Nature Communications, 2017, 8, 846.	12.8	134
105	<i>In Vivo</i> Bioluminescent Imaging of Influenza A Virus Infection and Characterization of Novel Cross-Protective Monoclonal Antibodies. Journal of Virology, 2013, 87, 8272-8281.	3.4	133
106	Expression of Functional Recombinant Hemagglutinin and Neuraminidase Proteins from the Novel H7N9 Influenza Virus Using the Baculovirus Expression System. Journal of Visualized Experiments, 2013, , e51112.	0.3	132
107	Defining the antibody cross-reactome directed against the influenza virus surface glycoproteins. Nature Immunology, 2017, 18, 464-473.	14.5	131
108	Assessment of Influenza Virus Hemagglutinin Stalk-Based Immunity in Ferrets. Journal of Virology, 2014, 88, 3432-3442.	3.4	128

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109	Negative-strand RNA viruses: genetic engineering and applications.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 11354-11358.	7.1	127
110	Existing antivirals are effective against influenza viruses with genes from the 1918 pandemic virus. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 13849-13854.	7.1	127
111	An Unconventional NLS is Critical for the Nuclear Import of the Influenza A Virus Nucleoprotein and Ribonucleoprotein. Traffic, 2005, 6, 205-213.	2.7	127
112	The M Segment of the 2009 New Pandemic H1N1 Influenza Virus Is Critical for Its High Transmission Efficiency in the Guinea Pig Model. Journal of Virology, 2011, 85, 11235-11241.	3.4	127
113	Transmission of a 2009 Pandemic Influenza Virus Shows a Sensitivity to Temperature and Humidity Similar to That of an H3N2 Seasonal Strain. Journal of Virology, 2011, 85, 1400-1402.	3.4	123
114	Oncolytic Specificity of Newcastle Disease Virus Is Mediated by Selectivity for Apoptosis-Resistant Cells. Journal of Virology, 2011, 85, 6015-6023.	3.4	119
115	Transmission of Pandemic H1N1 Influenza Virus and Impact of Prior Exposure to Seasonal Strains or Interferon Treatment. Journal of Virology, 2010, 84, 21-26.	3.4	118
116	Age Dependence and Isotype Specificity of Influenza Virus Hemagglutinin Stalk-Reactive Antibodies in Humans. MBio, 2016, 7, e01996-15.	4.1	116
117	Advances in Universal Influenza Virus Vaccine Design and Antibody Mediated Therapies Based on Conserved Regions of the Hemagglutinin. Current Topics in Microbiology and Immunology, 2014, 386, 301-321.	1.1	115
118	Preexisting human antibodies neutralize recently emerged H7N9 influenza strains. Journal of Clinical Investigation, 2015, 125, 1255-1268.	8.2	115
119	Trafficking of viral genomic RNA into and out of the nucleus: influenza, Thogoto and Borna disease viruses. Virus Research, 2003, 95, 3-12.	2.2	114
120	NS1-Binding Protein (NS1-BP): a Novel Human Protein That Interacts with the Influenza A Virus Nonstructural NS1 Protein Is Relocalized in the Nuclei of Infected Cells. Journal of Virology, 1998, 72, 7170-7180.	3.4	114
121	Noncumulative sequence changes in the hemagglutinin genes of influenza C virus isolates. Virology, 1985, 146, 221-232.	2.4	113
122	A universal influenza virus vaccine candidate confers protection against pandemic H1N1 infection in preclinical ferret studies. Npj Vaccines, 2017, 2, 26.	6.0	113
123	Analysis of Anti-Influenza Virus Neuraminidase Antibodies in Children, Adults, and the Elderly by ELISA and Enzyme Inhibition: Evidence for Original Antigenic Sin. MBio, 2017, 8, .	4.1	112
124	Characterization of a Broadly Neutralizing Monoclonal Antibody That Targets the Fusion Domain of Group 2 Influenza A Virus Hemagglutinin. Journal of Virology, 2014, 88, 13580-13592.	3.4	110
125	Targeting Viral Proteostasis Limits Influenza Virus, HIV, and Dengue Virus Infection. Immunity, 2016, 44, 46-58.	14.3	110
126	Intratumoral modulation of the inducible co-stimulator ICOS by recombinant oncolytic virus promotes systemic anti-tumour immunity. Nature Communications, 2017, 8, 14340.	12.8	110

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127	Seroevidence for H5N1 Influenza Infections in Humans: Meta-Analysis. <i>Science</i> , 2012, 335, 1463-1463.	12.6	108
128	Optimal activation of Fc-mediated effector functions by influenza virus hemagglutinin antibodies requires two points of contact. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5944-E5951.	7.1	108
129	A Sendai Virus-Derived RNA Agonist of RIG-I as a Virus Vaccine Adjuvant. <i>Journal of Virology</i> , 2013, 87, 1290-1300.	3.4	107
130	Effects of Influenza A Virus NS1 Protein on Protein Expression: the NS1 Protein Enhances Translation and Is Not Required for Shutoff of Host Protein Synthesis. <i>Journal of Virology</i> , 2002, 76, 1206-1212.	3.4	105
131	Evolution of human influenza A viruses in nature: Sequential mutations in the genomes of new H1N1 isolates. <i>Cell</i> , 1979, 18, 73-83.	28.9	104
132	Why Do Influenza Virus Subtypes Die Out? A Hypothesis. <i>MBio</i> , 2011, 2, .	4.1	103
133	Immunogenicity of chimeric haemagglutinin-based, universal influenza virus vaccine candidates: interim results of a randomised, placebo-controlled, phase 1 clinical trial. <i>Lancet Infectious Diseases</i> , 2020, 20, 80-91.	9.1	103
134	Influenza B Virus NS1-Truncated Mutants: Live-Attenuated Vaccine Approach. <i>Journal of Virology</i> , 2008, 82, 10580-10590.	3.4	102
135	H3 Stalk-Based Chimeric Hemagglutinin Influenza Virus Constructs Protect Mice from H7N9 Challenge. <i>Journal of Virology</i> , 2014, 88, 2340-2343.	3.4	102
136	Epidemiology of influenza C virus in man: Multiple evolutionary lineages and low rate of change. <i>Virology</i> , 1986, 153, 12-21.	2.4	100
137	Broadly Neutralizing Hemagglutinin Stalk-Specific Antibodies Induce Potent Phagocytosis of Immune Complexes by Neutrophils in an Fc-Dependent Manner. <i>MBio</i> , 2016, 7, .	4.1	100
138	Nonrandom association of parental genes in influenza A virus recombinants. <i>Virology</i> , 1979, 95, 269-274.	2.4	99
139	Unraveling the Mystery of Swine Influenza Virus. <i>Cell</i> , 2009, 137, 983-985.	28.9	97
140	Characterization of in Vivo Primary and Secondary CD8+T Cell Responses Induced by Recombinant Influenza and Vaccinia Viruses. <i>Cellular Immunology</i> , 1996, 173, 96-107.	3.0	96
141	Broadly protective murine monoclonal antibodies against influenza B virus target highly conserved neuraminidase epitopes. <i>Nature Microbiology</i> , 2017, 2, 1415-1424.	13.3	96
142	Functional Replacement of the Carboxy-Terminal Two-Thirds of the Influenza A Virus NS1 Protein with Short Heterologous Dimerization Domains. <i>Journal of Virology</i> , 2002, 76, 12951-12962.	3.4	94
143	Hemagglutinin-Pseudotyped Green Fluorescent Protein-Expressing Influenza Viruses for the Detection of Influenza Virus Neutralizing Antibodies. <i>Journal of Virology</i> , 2010, 84, 2157-2163.	3.4	94
144	Oseltamivir-Resistant Variants of the 2009 Pandemic H1N1 Influenza A Virus Are Not Attenuated in the Guinea Pig and Ferret Transmission Models. <i>Journal of Virology</i> , 2010, 84, 11219-11226.	3.4	94

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145	Hemagglutinin Stalk-Reactive Antibodies Are Boosted following Sequential Infection with Seasonal and Pandemic H1N1 Influenza Virus in Mice. <i>Journal of Virology</i> , 2012, 86, 10302-10307.	3.4	93
146	Nonconserved Nucleotides at the 3' and 5' Ends of an Influenza A Virus RNA Play an Important Role in Viral RNA Replication. <i>Virology</i> , 1996, 217, 242-251.	2.4	92
147	Synthetic Toll-Like Receptor 4 (TLR4) and TLR7 Ligands as Influenza Virus Vaccine Adjuvants Induce Rapid, Sustained, and Broadly Protective Responses. <i>Journal of Virology</i> , 2015, 89, 3221-3235.	3.4	92
148	Oseltamivir-Resistant Influenza A Viruses Are Transmitted Efficiently among Guinea Pigs by Direct Contact but Not by Aerosol. <i>Journal of Virology</i> , 2008, 82, 10052-10058.	3.4	90
149	Influenza vaccines: present and future. <i>Journal of Clinical Investigation</i> , 2002, 110, 9-13.	8.2	90
150	Oligonucleotide mapping: evaluation of its sensitivity by computer-simulation. <i>Nucleic Acids Research</i> , 1982, 10, 237-246.	14.5	88
151	Human antibodies targeting Zika virus NS1 provide protection against disease in a mouse model. <i>Nature Communications</i> , 2018, 9, 4560.	12.8	88
152	Alterations of the stalk of the influenza virus neuraminidase: deletions and insertions. <i>Virus Research</i> , 1993, 29, 141-153.	2.2	85
153	Enhancement of Oncolytic Properties of Recombinant Newcastle Disease Virus Through Antagonism of Cellular Innate Immune Responses. <i>Molecular Therapy</i> , 2009, 17, 697-706.	8.2	84
154	Is a Universal Influenza Virus Vaccine Possible?. <i>Annual Review of Medicine</i> , 2020, 71, 315-327.	12.2	84
155	Budding Capability of the Influenza Virus Neuraminidase Can Be Modulated by Tetherin. <i>Journal of Virology</i> , 2011, 85, 2480-2491.	3.4	83
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