

Amy L Vincent

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119
papers

4,891
citations

42
h-index

67
g-index

125
ext. papers

5,863
ext. citations

5
avg, IF

5.56
L-index

#	Paper	IF	Citations
119	Swine influenza viruses a North American perspective. <i>Advances in Virus Research</i> , 2008 , 72, 127-54	10.7	278
118	Influenza Research Database: An integrated bioinformatics resource for influenza virus research. <i>Nucleic Acids Research</i> , 2017 , 45, D466-D474	20.1	174
117	Identification of H2N3 influenza A viruses from swine in the United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 20949-54	11.5	173
116	Vaccine-induced anti-HA2 antibodies promote virus fusion and enhance influenza virus respiratory disease. <i>Science Translational Medicine</i> , 2013 , 5, 200ra114	17.5	158
115	Vaccination of pigs against swine influenza viruses by using an NS1-truncated modified live-virus vaccine. <i>Journal of Virology</i> , 2006 , 80, 11009-18	6.6	137
114	Reverse zoonosis of influenza to swine: new perspectives on the human-animal interface. <i>Trends in Microbiology</i> , 2015 , 23, 142-53	12.4	136
113	Characterization of a newly emerged genetic cluster of H1N1 and H1N2 swine influenza virus in the United States. <i>Virus Genes</i> , 2009 , 39, 176-85	2.3	127
112	Global transmission of influenza viruses from humans to swine. <i>Journal of General Virology</i> , 2012 , 93, 2195-2203	4.9	124
111	The global antigenic diversity of swine influenza A viruses. <i>ELife</i> , 2016 , 5, e12217	8.9	106
110	Failure of protection and enhanced pneumonia with a US H1N2 swine influenza virus in pigs vaccinated with an inactivated classical swine H1N1 vaccine. <i>Veterinary Microbiology</i> , 2008 , 126, 310-23	3.3	104
109	Evaluation of hemagglutinin subtype 1 swine influenza viruses from the United States. <i>Veterinary Microbiology</i> , 2006 , 118, 212-22	3.3	102
108	Efficacy of intranasal administration of a truncated NS1 modified live influenza virus vaccine in swine. <i>Vaccine</i> , 2007 , 25, 7999-8009	4.1	100
107	Evolution of novel reassortant A/H3N2 influenza viruses in North American swine and humans, 2009-2011. <i>Journal of Virology</i> , 2012 , 86, 8872-8	6.6	99
106	Genetic and antigenic characterization of H1 influenza viruses from United States swine from 2008. <i>Journal of General Virology</i> , 2011 , 92, 919-30	4.9	99
105	Characterization of an influenza A virus isolated from pigs during an outbreak of respiratory disease in swine and people during a county fair in the United States. <i>Veterinary Microbiology</i> , 2009 , 137, 51-9	3.3	95
104	Global migration of influenza A viruses in swine. <i>Nature Communications</i> , 2015 , 6, 6696	17.4	91
103	Population dynamics of cocirculating swine influenza A viruses in the United States from 2009 to 2012. <i>Influenza and Other Respiratory Viruses</i> , 2013 , 7 Suppl 4, 42-51	5.6	90

102	Enhanced pneumonia and disease in pigs vaccinated with an inactivated human-like (Ecluster) H1N2 vaccine and challenged with pandemic 2009 H1N1 influenza virus. <i>Vaccine</i> , 2011 , 29, 2712-9	4.1	89
101	Live attenuated influenza vaccine provides superior protection from heterologous infection in pigs with maternal antibodies without inducing vaccine-associated enhanced respiratory disease. <i>Journal of Virology</i> , 2012 , 86, 10597-605	6.6	88
100	A Phylogeny-Based Global Nomenclature System and Automated Annotation Tool for H1 Hemagglutinin Genes from Swine Influenza A Viruses. <i>MSphere</i> , 2016 , 1,	5	84
99	Novel swine influenza virus subtype H3N1, United States. <i>Emerging Infectious Diseases</i> , 2006 , 12, 787-94	10.2	71
98	Introductions and evolution of human-origin seasonal influenza a viruses in multinational swine populations. <i>Journal of Virology</i> , 2014 , 88, 10110-9	6.6	69
97	Modifications in the polymerase genes of a swine-like triple-reassortant influenza virus to generate live attenuated vaccines against 2009 pandemic H1N1 viruses. <i>Journal of Virology</i> , 2011 , 85, 456-69	6.6	69
96	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. <i>Journal of Virology</i> , 2013 , 87, 9895-903	6.6	68
95	Efficacy of inactivated swine influenza virus vaccines against the 2009 A/H1N1 influenza virus in pigs. <i>Vaccine</i> , 2010 , 28, 2782-7	4.1	68
94	Continual Reintroduction of Human Pandemic H1N1 Influenza A Viruses into Swine in the United States, 2009 to 2014. <i>Journal of Virology</i> , 2015 , 89, 6218-26	6.6	66
93	Substitutions near the hemagglutinin receptor-binding site determine the antigenic evolution of influenza A H3N2 viruses in U.S. swine. <i>Journal of Virology</i> , 2014 , 88, 4752-63	6.6	66
92	Swine as a model for influenza A virus infection and immunity. <i>ILAR Journal</i> , 2015 , 56, 44-52	1.7	62
91	Genotype patterns of contemporary reassorted H3N2 virus in US swine. <i>Journal of General Virology</i> , 2013 , 94, 1236-1241	4.9	62
90	Experimental inoculation of pigs with pandemic H1N1 2009 virus and HI cross-reactivity with contemporary swine influenza virus antisera. <i>Influenza and Other Respiratory Viruses</i> , 2010 , 4, 53-60	5.6	61
89	Detection of anti-influenza A nucleoprotein antibodies in pigs using a commercial influenza epitope-blocking enzyme-linked immunosorbent assay developed for avian species. <i>Journal of Veterinary Diagnostic Investigation</i> , 2010 , 22, 3-9	1.5	61
88	Influenza A virus vaccines for swine. <i>Veterinary Microbiology</i> , 2017 , 206, 35-44	3.3	58
87	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. <i>Journal of Virology</i> , 2015 , 89, 11213-22	6.6	57
86	Pathogenicity and transmission in pigs of the novel A(H3N2)v influenza virus isolated from humans and characterization of swine H3N2 viruses isolated in 2010-2011. <i>Journal of Virology</i> , 2012 , 86, 6804-14	6.6	57
85	Influenza virus coinfection with <i>Bordetella bronchiseptica</i> enhances bacterial colonization and host responses exacerbating pulmonary lesions. <i>Microbial Pathogenesis</i> , 2010 , 49, 237-45	3.8	55

84	Influenza A(H3N2) Virus in Swine at Agricultural Fairs and Transmission to Humans, Michigan and Ohio, USA, 2016. <i>Emerging Infectious Diseases</i> , 2017 , 23, 1551-1555	10.2	50
83	Vaccination with NS1-truncated H3N2 swine influenza virus primes T cells and confers cross-protection against an H1N1 heterosubtypic challenge in pigs. <i>Vaccine</i> , 2012 , 30, 280-8	4.1	47
82	Characterization of co-circulating swine influenza A viruses in North America and the identification of a novel H1 genetic clade with antigenic significance. <i>Virus Research</i> , 2015 , 201, 24-31	6.4	45
81	Genotype patterns of contemporary reassorted H3N2 virus in US swine. <i>Journal of General Virology</i> , 2013 , 94, 1236-41	4.9	45
80	DNA vaccination elicits protective immune responses against pandemic and classic swine influenza viruses in pigs. <i>Vaccine Journal</i> , 2011 , 18, 1987-95		44
79	Live attenuated influenza A virus vaccine protects against A(H1N1)pdm09 heterologous challenge without vaccine associated enhanced respiratory disease. <i>Virology</i> , 2014 , 471-473, 93-104	3.6	43
78	Intranasal vaccination with replication-defective adenovirus type 5 encoding influenza virus hemagglutinin elicits protective immunity to homologous challenge and partial protection to heterologous challenge in pigs. <i>Vaccine Journal</i> , 2012 , 19, 1722-9		42
77	Antigenic and genetic evolution of contemporary swine H1 influenza viruses in the United States. <i>Virology</i> , 2018 , 518, 45-54	3.6	41
76	Contemporary epidemiology of North American lineage triple reassortant influenza A viruses in pigs. <i>Current Topics in Microbiology and Immunology</i> , 2013 , 370, 113-32	3.3	39
75	Swine influenza matrix 2 (M2) protein contributes to protection against infection with different H1 swine influenza virus (SIV) isolates. <i>Vaccine</i> , 2009 , 28, 523-31	4.1	37
74	The genomic evolution of H1 influenza A viruses from swine detected in the United States between 2009 and 2016. <i>Journal of General Virology</i> , 2017 , 98, 2001-2010	4.9	37
73	Genomic reassortment of influenza A virus in North American swine, 1998-2011. <i>Journal of General Virology</i> , 2012 , 93, 2584-2589	4.9	35
72	Reassortment between Swine H3N2 and 2009 Pandemic H1N1 in the United States Resulted in Influenza A Viruses with Diverse Genetic Constellations with Variable Virulence in Pigs. <i>Journal of Virology</i> , 2017 , 91,	6.6	34
71	Heightened adaptive immune responses following vaccination with a temperature-sensitive, live-attenuated influenza virus compared to adjuvanted, whole-inactivated virus in pigs. <i>Vaccine</i> , 2012 , 30, 5830-8	4.1	34
70	Regional patterns of genetic diversity in swine influenza A viruses in the United States from 2010 to 2016. <i>Influenza and Other Respiratory Viruses</i> , 2019 , 13, 262-273	5.6	34
69	Adaptation of Human Influenza Viruses to Swine. <i>Frontiers in Veterinary Science</i> , 2018 , 5, 347	3.1	33
68	Influenza A virus hemagglutinin protein subunit vaccine elicits vaccine-associated enhanced respiratory disease in pigs. <i>Vaccine</i> , 2014 , 32, 5170-6	4.1	33
67	One-step real-time RT-PCR for pandemic influenza A virus (H1N1) 2009 matrix gene detection in swine samples. <i>Journal of Virological Methods</i> , 2010 , 164, 83-7	2.6	33

66	The Molecular Determinants of Antibody Recognition and Antigenic Drift in the H3 Hemagglutinin of Swine Influenza A Virus. <i>Journal of Virology</i> , 2016 , 90, 8266-80	6.6	31
65	Pathogenesis and vaccination of influenza A virus in swine. <i>Current Topics in Microbiology and Immunology</i> , 2014 , 385, 307-26	3.3	31
64	Divergent immune responses and disease outcomes in piglets immunized with inactivated and attenuated H3N2 swine influenza vaccines in the presence of maternally-derived antibodies. <i>Virology</i> , 2014 , 464-465, 45-54	3.6	31
63	Characterization of H1N1 swine influenza viruses circulating in Canadian pigs in 2009. <i>Journal of Virology</i> , 2011 , 85, 8667-79	6.6	31
62	Hemagglutinin inhibition assay with swine sera. <i>Methods in Molecular Biology</i> , 2014 , 1161, 295-301	1.4	31
61	Swine Influenza A Viruses and the Tangled Relationship with Humans. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2021 , 11,	5.4	30
60	Restored PB1-F2 in the 2009 pandemic H1N1 influenza virus has minimal effects in swine. <i>Journal of Virology</i> , 2012 , 86, 5523-32	6.6	29
59	Identification and characterization of a highly virulent triple reassortant H1N1 swine influenza virus in the United States. <i>Virus Genes</i> , 2010 , 40, 28-36	2.3	29
58	Serum virus neutralization assay for detection and quantitation of serum-neutralizing antibodies to influenza A virus in swine. <i>Methods in Molecular Biology</i> , 2014 , 1161, 313-24	1.4	27
57	Swine influenza virus vaccine serologic cross-reactivity to contemporary US swine H3N2 and efficacy in pigs infected with an H3N2 similar to 2011-2012 H3N2v. <i>Influenza and Other Respiratory Viruses</i> , 2013 , 7 Suppl 4, 32-41	5.6	27
56	ISU FLUture: a veterinary diagnostic laboratory web-based platform to monitor the temporal genetic patterns of Influenza A virus in swine. <i>BMC Bioinformatics</i> , 2018 , 19, 397	3.6	25
55	Isolamento e caracterizaç�o do v�rus da influenza pand�mico H1N1 em su�os no Brasil. <i>Pesquisa Veterin�ria Brasileira</i> , 2011 , 31, 761-767	0.4	23
54	Heterologous challenge in the presence of maternally-derived antibodies results in vaccine-associated enhanced respiratory disease in weaned piglets. <i>Virology</i> , 2016 , 491, 79-88	3.6	22
53	Absence of 2009 pandemic H1N1 influenza A virus in fresh pork. <i>PLoS ONE</i> , 2009 , 4, e8367	3.7	22
52	Strain-dependent effects of PB1-F2 of triple-reassortant H3N2 influenza viruses in swine. <i>Journal of General Virology</i> , 2012 , 93, 2204-2214	4.9	21
51	Comparison of humoral and cellular immune responses to inactivated swine influenza virus vaccine in weaned pigs. <i>Veterinary Immunology and Immunopathology</i> , 2011 , 142, 252-7	2	18
50	Antigenic evolution of H3N2 influenza A viruses in swine in the United States from 2012 to 2016. <i>Influenza and Other Respiratory Viruses</i> , 2019 , 13, 83-90	5.6	18
49	Utility of a panviral microarray for detection of swine respiratory viruses in clinical samples. <i>Journal of Clinical Microbiology</i> , 2011 , 49, 1542-8	9.7	17

48	A brief introduction to influenza A virus in swine. <i>Methods in Molecular Biology</i> , 2014 , 1161, 243-58	1.4	17
47	Detection and characterization of an H4N6 avian-lineage influenza A virus in pigs in the Midwestern United States. <i>Virology</i> , 2017 , 511, 56-65	3.6	16
46	The type of adjuvant in whole inactivated influenza a virus vaccines impacts vaccine-associated enhanced respiratory disease. <i>Vaccine</i> , 2018 , 36, 6103-6110	4.1	15
45	Influenza A Virus Field Surveillance at a Swine-Human Interface. <i>MSphere</i> , 2020 , 5,	5	14
44	octoFLU: Automated Classification for the Evolutionary Origin of Influenza A Virus Gene Sequences Detected in U.S. Swine. <i>Microbiology Resource Announcements</i> , 2019 , 8,	1.3	14
43	Vaccination of pigs with a codon-pair bias de-optimized live attenuated influenza vaccine protects from homologous challenge. <i>Vaccine</i> , 2018 , 36, 1101-1107	4.1	13
42	Antibody repertoire development in fetal and neonatal piglets. XVI. Influenza stimulates adaptive immunity, class switch and diversification of the IgG repertoire encoded by downstream C _H genes. <i>Immunology</i> , 2013 , 138, 134-44	7.8	13
41	Age at Vaccination and Timing of Infection Do Not Alter Vaccine-Associated Enhanced Respiratory Disease in Influenza A Virus-Infected Pigs. <i>Vaccine Journal</i> , 2016 , 23, 470-482		13
40	Human-Origin Influenza A(H3N2) Reassortant Viruses in Swine, Southeast Mexico. <i>Emerging Infectious Diseases</i> , 2019 , 25, 691-700	10.2	11
39	Detection of live attenuated influenza vaccine virus and evidence of reassortment in the U.S. swine population. <i>Journal of Veterinary Diagnostic Investigation</i> , 2020 , 32, 301-311	1.5	11
38	Absence of clinical disease and contact transmission of HPAI H5N1 clade 2.3.4.4 from North America in experimentally infected pigs. <i>Influenza and Other Respiratory Viruses</i> , 2017 , 11, 464-470	5.6	11
37	Complete Genome Sequences of Two Novel Human-Like H3N2 Influenza A Viruses, A/swine/Oklahoma/65980/2017 (H3N2) and A/swine/Oklahoma/65260/2017 (H3N2), Detected in Swine in the United States. <i>Microbiology Resource Announcements</i> , 2018 , 7,	1.3	11
36	Oral Fluids as a Live-Animal Sample Source for Evaluating Cross-Reactivity and Cross-Protection following Intranasal Influenza A Virus Vaccination in Pigs. <i>Vaccine Journal</i> , 2015 , 22, 1109-20		10
35	Influenza Viruses 2019 , 576-593		9
34	Neuraminidase inhibiting antibody responses in pigs differ between influenza A virus N2 lineages and by vaccine type. <i>Vaccine</i> , 2016 , 34, 3773-9	4.1	9
33	A highly pathogenic avian-derived influenza virus H5N1 with 2009 pandemic H1N1 internal genes demonstrates increased replication and transmission in pigs. <i>Journal of General Virology</i> , 2017 , 98, 18-30	4.9	9
32	Pigs with Severe Combined Immunodeficiency Are Impaired in Controlling Influenza A Virus Infection. <i>Journal of Innate Immunity</i> , 2017 , 9, 193-202	6.9	8
31	Alphavirus-vectored hemagglutinin subunit vaccine provides partial protection against heterologous challenge in pigs. <i>Vaccine</i> , 2019 , 37, 1533-1539	4.1	8

30	Aerosol Transmission from Infected Swine to Ferrets of an H3N2 Virus Collected from an Agricultural Fair and Associated with Human Variant Infections. <i>Journal of Virology</i> , 2020 , 94,	6.6	8
29	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. <i>Journal of Virology</i> , 2019 , 93,	6.6	8
28	Comparison of Adjuvanted-Whole Inactivated Virus and Live-Attenuated Virus Vaccines against Challenge with Contemporary, Antigenically Distinct H3N2 Influenza A Viruses. <i>Journal of Virology</i> , 2018 , 92,	6.6	8
27	The avian-origin H3N2 canine influenza virus that recently emerged in the United States has limited replication in swine. <i>Influenza and Other Respiratory Viruses</i> , 2016 , 10, 429-32	5.6	7
26	Comparative virulence of wild-type H1N1pdm09 influenza A isolates in swine. <i>Veterinary Microbiology</i> , 2015 , 176, 40-9	3.3	7
25	Vaccine-associated enhanced respiratory disease does not interfere with the adaptive immune response following challenge with pandemic A/H1N1 2009. <i>Viral Immunology</i> , 2013 , 26, 314-21	1.7	7
24	A novel monoclonal antibody effective against lethal challenge with swine-lineage and 2009 pandemic H1N1 influenza viruses in mice. <i>Virology</i> , 2011 , 417, 379-84	3.6	7
23	Mitigating Pandemic Risk with Influenza A Virus Field Surveillance at a Swine-Human Interface		6
22	Enzyme-linked immunosorbent assay for detection of serum or mucosal isotype-specific IgG and IgA whole-virus antibody to influenza A virus in swine. <i>Methods in Molecular Biology</i> , 2014 , 1161, 303-12	1.4	5
21	Factors affecting induction of peripheral IFN- γ recall response to influenza A virus vaccination in pigs. <i>Veterinary Immunology and Immunopathology</i> , 2017 , 185, 57-65	2	4
20	Polymorphisms in the haemagglutinin gene influenced the viral shedding of pandemic 2009 influenza virus in swine. <i>Journal of General Virology</i> , 2014 , 95, 2618-2626	4.9	4
19	Detection and Characterization of Swine Origin Influenza A(H1N1) Pandemic 2009 Viruses in Humans following Zoonotic Transmission. <i>Journal of Virology</i> , 2020 , 95,	6.6	4
18	Detection and Titration of Influenza A Virus Neuraminidase Inhibiting (NAI) Antibodies Using an Enzyme-Linked Lectin Assay (ELLA). <i>Methods in Molecular Biology</i> , 2020 , 2123, 335-344	1.4	4
17	An avian influenza virus A(H7N9) reassortant that recently emerged in the United States with low pathogenic phenotype does not efficiently infect swine. <i>Influenza and Other Respiratory Viruses</i> , 2019 , 13, 288-291	5.6	3
16	Cross-fostering to prevent maternal cell transfer did not prevent vaccine-associated enhanced respiratory disease that occurred following heterologous influenza challenge of pigs vaccinated in the presence of maternal immunity. <i>Viral Immunology</i> , 2014 , 27, 334-42	1.7	3
15	Comparison of Human-Like H1 (ECluster) Influenza A Viruses in the Swine Host. <i>Influenza Research and Treatment</i> , 2012 , 2012, 329029		3
14	Evolution and Antigenic Advancement of N2 Neuraminidase of Swine Influenza A Viruses Circulating in the United States following Two Separate Introductions from Human Seasonal Viruses. <i>Journal of Virology</i> , 2021 , 95, e0063221	6.6	3
13	Vaccines and vaccination for swine influenza: differing situations in Europe and the USA 2016 , 480-501		2

12	Characterization of a 2016-2017 Human Seasonal H3 Influenza A Virus Spillover Now Endemic to U.S. Swine.. <i>MSphere</i> , 2022 , e0080921	5	2
11	Coordinated evolution between N2 neuraminidase and H1 and H3 hemagglutinin genes increased influenza A virus genetic diversity in swine		2
10	Characterization of contemporary 2010.1 H3N2 swine influenza A viruses circulating in United States pigs. <i>Virology</i> , 2021 , 553, 94-101	3.6	2
9	A Brief Introduction to Influenza A Virus in Swine. <i>Methods in Molecular Biology</i> , 2020 , 2123, 249-271	1.4	2
8	Global evolution of influenza A viruses in swine 2016 , 459-479		1
7	Antigenic distance between North American swine and human seasonal H3N2 influenza A viruses as an indication of zoonotic risk to humans. <i>Journal of Virology</i> , 2021 , JVI0137421	6.6	1
6	Spatial and temporal coevolution of N2 neuraminidase and H1 and H3 hemagglutinin genes of influenza A virus in US swine.. <i>Virus Evolution</i> , 2021 , 7, veab090	3.7	1
5	Machine Learning Prediction and Experimental Validation of Antigenic Drift in H3 Influenza A Viruses in Swine. <i>MSphere</i> , 2021 , 6,	5	1
4	Vaccine-associated enhanced respiratory disease following influenza virus infection in ferrets recapitulates the model in pigs.. <i>Journal of Virology</i> , 2022 , JVI0172521	6.6	0
3	In Vivo Models for Pathotyping and Vaccine Efficacy for Swine Influenza. <i>Methods in Molecular Biology</i> , 2020 , 2123, 345-351	1.4	0
2	Enzyme-Linked Immunosorbent Assay for Detection of Serum or Mucosal Isotype-Specific IgG and IgA Whole-Virus Antibody to Influenza A Virus in Swine. <i>Methods in Molecular Biology</i> , 2020 , 2123, 311-320	1.4	0
1	octoFLUshow: an Interactive Tool Describing Spatial and Temporal Trends in the Genetic Diversity of Influenza A Virus in U.S. Swine.. <i>Microbiology Resource Announcements</i> , 2021 , 10, e0108121	1.3	0