Hui-Ling Yen

List of Publications by Year
in descending order

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103	15,768	53660 45	30848 102
papers	citations	h-index	g-index

113	113	113	25908
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reduced Pathogenicity and Transmission Potential of Omicron BA.1 and BA.2 Sublineages Compared with the Early Severe Acute Respiratory Syndrome Coronavirus 2 D614G Variant in Syrian Hamsters. Journal of Infectious Diseases, 2023, 227, 1143-1152.	1.9	16
2	A(H1N1)pdm09 Influenza Viruses Replicating in Ferret Upper or Lower Respiratory Tract Differed in Onward Transmission Potential by Air. Journal of Infectious Diseases, 2022, 225, 65-74.	1.9	9
3	Reducing Influenza Virus Transmission: The Potential Value of Antiviral Treatment. Clinical Infectious Diseases, 2022, 74, 532-540.	2.9	25
4	Cellular tropism of SARS-CoV-2 in the respiratory tract of Syrian hamsters and B6.Cg-Tg(K18-ACE2)2Prlmn/J transgenic mice. Veterinary Pathology, 2022, 59, 639-647.	0.8	4
5	Predominant airborne transmission and insignificant fomite transmission of SARS-CoV-2 in a two-bus COVID-19 outbreak originating from the same pre-symptomatic index case. Journal of Hazardous Materials, 2022, 425, 128051.	6.5	30
6	Transmission of SARS-CoV-2 delta variant (AY.127) from pet hamsters to humans, leading to onward human-to-human transmission: a case study. Lancet, The, 2022, 399, 1070-1078.	6.3	140
7	Global update on the susceptibilities of human influenza viruses to neuraminidase inhibitors and the cap-dependent endonuclease inhibitor baloxavir, 2018â€“2020. Antiviral Research, 2022, 200, 105281.	1.9	44
8	Determining Existing Human Population Immunity as Part of Assessing Influenza Pandemic Risk. Emerging Infectious Diseases, 2022, 28, 977-985.	2.0	6
9	Robustness of the Ferret Model for Influenza Risk Assessment Studies: a Cross-Laboratory Exercise. MBio, 2022, 13, .	1.8	12
10	Toilets dominate environmental detection of severe acute respiratory syndrome coronavirus 2 in a hospital. Science of the Total Environment, 2021, 753, 141710.	3.9	114
11	Multi-route transmission potential of SARS-CoV-2 in healthcare facilities. Journal of Hazardous Materials, 2021, 402, 123771.	6.5	72
12	Evaluation of a SARS-CoV-2 Surrogate Virus Neutralization Test for Detection of Antibody in Human, Canine, Cat, and Hamster Sera. Journal of Clinical Microbiology, 2021, 59, .	1.8	102
13	Phenotypic and Functional Characteristics of a Novel Influenza Virus Hemagglutinin-Specific Memory NK Cell. Journal of Virology, 2021, 95, .	1.5	8
14	Lack of cross-transmission of SARS-CoV-2 between passenger's cabins on the Diamond Princess cruise ship. Building and Environment, 2021, 198, 107839.	3.0	14
15	Neutralizing Monoclonal Antibodies That Target the Spike Receptor Binding Domain Confer Fc Receptor-Independent Protection against SARS-CoV-2 Infection in Syrian Hamsters. MBio, 2021, 12, e0239521.	1.8	13
16	1â€²-Ribose cyano substitution allows Remdesivir to effectively inhibit nucleotide addition and proofreading during SARS-CoV-2 viral RNA replication. Physical Chemistry Chemical Physics, 2021, 23, 5852-5863.	1.3	33
17	Limited onward transmission potential of reassortment genotypes from chickens co-infected with H9N2 and H7N9 avian influenza viruses. Emerging Microbes and Infections, 2021, 10, 2030-2041.	3.0	6
18	Ancestral sequence reconstruction pinpoints adaptations that enable avian influenza virus transmission in pigs. Nature Microbiology, 2021, 6, 1455-1465.	5.9	7

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19	Pathogenesis and transmission of SARS-CoV-2 in golden hamsters. Nature, 2020, 583, 834-838.	13.7	1,185
20	Global update on the susceptibilities of human influenza viruses to neuraminidase inhibitors and the cap-dependent endonuclease inhibitor baloxavir, 2017â€“2018. Antiviral Research, 2020, 175, 104718.	1.9	91
21	De novo design of potent and resilient hACE2 decoys to neutralize SARS-CoV-2. Science, 2020, 370, 1208-1214.	6.0	172
22	Different genetic barriers for resistance to HA stem antibodies in influenza H3 and H1 viruses. Science, 2020, 368, 1335-1340.	6.0	51
23	Respiratory virus shedding in exhaled breath and efficacy of face masks. Nature Medicine, 2020, 26, 676-680.	15.2	1,753
24	Avian Influenza Virus Detection Rates in Poultry and Environment at Live Poultry Markets, Guangdong, China. Emerging Infectious Diseases, 2020, 26, 591-595.	2.0	15
25	SARS-CoV-2 Viral Load in Upper Respiratory Specimens of Infected Patients. New England Journal of Medicine, 2020, 382, 1177-1179.	13.9	4,195
26	Deposition of bronchiole-originated droplets in the lower airways during exhalation. Journal of Aerosol Science, 2020, 142, 105524.	1.8	8
27	Stability of SARS-CoV-2 in different environmental conditions. Lancet Microbe, The, 2020, 1, e10.	3.4	1,479
28	Remdesivir, lopinavir, emetine, and homoharringtonine inhibit SARS-CoV-2 replication in vitro. Antiviral Research, 2020, 178, 104786.	1.9	737
29	Short-range airborne route dominates exposure of respiratory infection during close contact. Building and Environment, 2020, 176, 106859.	3.0	256
30	Close contact behavior in indoor environment and transmission of respiratory infection. Indoor Air, 2020, 30, 645-661.	2.0	74
31	A novel partial lid for mechanical defeatherers reduced aerosol dispersion during processing of avian influenza virus infected poultry. PLoS ONE, 2019, 14, e0216478.	1.1	3
32	Serum anti-neuraminidase antibody responses in human influenza A(H1N1)pdm09 virus infections. Emerging Microbes and Infections, 2019, 8, 404-412.	3.0	9
33	Detection of Influenza and Other Respiratory Viruses in Air Sampled From a University Campus: A Longitudinal Study. Clinical Infectious Diseases, 2019, 70, 850-858.	2.9	15
34	Seroprevalence of dogs in Hong Kong to human and canine influenza viruses. Veterinary Record Open, 2019, 6, e000327.	0.3	6
35	Influenza H5/H7 Virus Vaccination in Poultry and Reduction of Zoonotic Infections, Guangdong Province, China, 2017â€“18. Emerging Infectious Diseases, 2019, 25, 116-118.	2.0	61
36	Influenza H5/H7 Virus Vaccination in Poultry and Reduction of Zoonotic Infections, Guangdong Province, China, 2017â€“18. Emerging Infectious Diseases, 2019, 25, .	2.0	0

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37	Defining the sizes of airborne particles that mediate influenza transmission in ferrets. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2386-E2392.	3.3	71
38	Genetic analysis of H7N9 highly pathogenic avian influenza virus in Guangdong, China, 2016â€“2017. Journal of Infection, 2018, 76, 93-96.	1.7	12
39	Assessing the risk of downwind spread of avian influenza virus via airborne particles from an urban wholesale poultry market. Building and Environment, 2018, 127, 120-126.	3.0	19
40	Mini viral RNAs act as innate immune agonists during influenza virus infection. Nature Microbiology, 2018, 3, 1234-1242.	5.9	96
41	Ferrets as Models for Influenza Virus Transmission Studies and Pandemic Risk Assessments. Emerging Infectious Diseases, 2018, 24, 965-971.	2.0	56
42	Tropism and innate host responses of influenza A/H5N6 virus: an analysis ofexÂvivoandin vitrocultures of the human respiratory tract. European Respiratory Journal, 2017, 49, 1601710.	3.1	27
43	Numerical modeling of particle deposition in ferret airways: A comparison with humans. Aerosol Science and Technology, 2017, 51, 477-487.	1.5	12
44	CLEC5A-Mediated Enhancement of the Inflammatory Response in Myeloid Cells Contributes to Influenza Virus Pathogenicity In Vivo. Journal of Virology, 2017, 91, .	1.5	41
45	Monitoring Avian Influenza Viruses from Chicken Carcasses Sold at Markets, China, 2016. Emerging Infectious Diseases, 2017, 23, 1714-1717.	2.0	6
46	Resistance to Influenza Neuraminidase Inhibitors. , 2017, , 491-501.		1
47	Evidence-Based Options for Controlling Respiratory Virus Transmission. Emerging Infectious Diseases, 2017, 23, .	2.0	4
48	Isolation of H5N6, H7N9 and H9N2 avian influenza A viruses from air sampled at live poultry markets in China, 2014 and 2015. Eurosurveillance, 2016, 21, .	3.9	54
49	Targeting host calpain proteases decreases influenza A virus infection. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L689-L699.	1.3	17
50	Current and novel antiviral strategies for influenza infection. Current Opinion in Virology, 2016, 18, 126-134.	2.6	46
51	Quantification of Influenza Virus RNA in Aerosols in Patient Rooms. PLoS ONE, 2016, 11, e0148669.	1.1	51
52	Transmission of H7N9 Influenza Viruses with a Polymorphism at PB2 Residue 627 in Chickens and Ferrets. Journal of Virology, 2015, 89, 9939-9951.	1.5	26
53	A broadly neutralizing human monoclonal antibody is effective against H7N9. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10890-10895.	3.3	67
54	Seasonality of avian influenza A(H7N9) activity and risk of human A(H7N9) infections from live poultry markets. Journal of Infection, 2015, 71, 690-693.	1.7	13

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55	Comparative mutational analyses of influenza A viruses. Rna, 2015, 21, 36-47.	1.6	16
56	Investigation of the binding and cleavage characteristics of <scp>N</scp>1 neuraminidases from avian, seasonal, and pandemic influenza viruses using saturation transfer difference nuclear magnetic resonance. Influenza and Other Respiratory Viruses, 2014, 8, 235-242.	1.5	20
57	Drug susceptibility profile and pathogenicity of H7N9 influenza virus (Anhui1 lineage) with R292K substitution. Emerging Microbes and Infections, 2014, 3, 1-9.	3.0	32
58	Glycomic Characterization of Respiratory Tract Tissues of Ferrets. Journal of Biological Chemistry, 2014, 289, 28489-28504.	1.6	82
59	Generation and characterization of influenza A viruses with altered polymerase fidelity. Nature Communications, 2014, 5, 4794.	5.8	94
60	The R292K Mutation That Confers Resistance to Neuraminidase Inhibitors Leads to Competitive Fitness Loss of A/Shanghai/1/2013 (H7N9) Influenza Virus in Ferrets. Journal of Infectious Diseases, 2014, 210, 1900-1908.	1.9	27
61	Conservation of T cell epitopes between seasonal influenza viruses and the novel influenza A H7N9 virus. Virologica Sinica, 2014, 29, 170-175.	1.2	4
62	Association between adverse clinical outcome in human disease caused by novel influenza A H7N9 virus and sustained viral shedding and emergence of antiviral resistance. Lancet, The, 2013, 381, 2273-2279.	6.3	308
63	Resistance to Neuraminidase Inhibitors Conferred by an R292K Mutation in a Human Influenza Virus H7N9 Isolate Can Be Masked by a Mixed R/K Viral Population. MBio, 2013, 4, .	1.8	90
64	Sample Size Considerations for One-to-One Animal Transmission Studies of the Influenza A Viruses. PLoS ONE, 2013, 8, e55358.	1.1	36
65	Comparable Fitness and Transmissibility between Oseltamivir-Resistant Pandemic 2009 and Seasonal H1N1 Influenza Viruses with the H275Y Neuraminidase Mutation. Journal of Virology, 2012, 86, 10558-10570.	1.5	33
66	Targeting the host or the virus: Current and novel concepts for antiviral approaches against influenza virus infection. Antiviral Research, 2012, 96, 391-404.	1.9	97
67	Bird flu in mammals. Nature, 2012, 486, 332-333.	13.7	12
68	Detection of highly pathogenic influenza and pandemic influenza virus in formalin fixed tissues by immunohistochemical methods. Journal of Virological Methods, 2012, 179, 409-413.	1.0	20
69	Oral and Poster Manuscripts. Influenza and Other Respiratory Viruses, 2011, 5, 54-442.	1.5	5
70	Tissue Tropism of Swine Influenza Viruses and Reassortants in Ex Vivo Cultures of the Human Respiratory Tract and Conjunctiva. Journal of Virology, 2011, 85, 11581-11587.	1.5	35
71	Amino Acid Residues 253 and 591 of the PB2 Protein of Avian Influenza Virus A H9N2 Contribute to Mammalian Pathogenesis. Journal of Virology, 2011, 85, 9641-9645.	1.5	65
72	Hemagglutininâ€“neuraminidase balance confers respiratory-droplet transmissibility of the pandemic H1N1 influenza virus in ferrets. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14264-14269.	3.3	197

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73	Transmissibility of pandemic H1N1 and genetically related swine influenza viruses in ferrets. Influenza and Other Respiratory Viruses, 2011, 5, 85-7.	1.5	5
74	Host response to influenza virus: protection versus immunopathology. Current Opinion in Immunology, 2010, 22, 475-481.	2.4	144
75	The pH of Activation of the Hemagglutinin Protein Regulates H5N1 Influenza Virus Pathogenicity and Transmissibility in Ducks. Journal of Virology, 2010, 84, 1527-1535.	1.5	124
76	Rapid Detection of Reassortment of Pandemic H1N1/2009 Influenza Virus. Clinical Chemistry, 2010, 56, 1340-1344.	1.5	26
77	Influenza A Virus Expresses High Levels of an Unusual Class of Small Viral Leader RNAs in Infected Cells. MBio, 2010, 1, .	1.8	80
78	Changes in H5N1 influenza virus hemagglutinin receptor binding domain affect systemic spread. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 286-291.	3.3	93
79	Isolation of Highly Pathogenic Avian Influenza H5N1 Virus from Saker Falcons (Falco cherrug) in the Middle East. Advances in Virology, 2009, 2009, 1-7.	0.5	21
80	Pandemic Influenza as a Current Threat. Current Topics in Microbiology and Immunology, 2009, 333, 3-24.	0.7	106
81	Mapping Antibody Epitopes of the Avian H5N1 Influenza Virus. PLoS Medicine, 2009, 6, e1000064.	3.9	11
82	Amino Acid Residues in the Fusion Peptide Pocket Regulate the pH of Activation of the H5N1 Influenza Virus Hemagglutinin Protein. Journal of Virology, 2009, 83, 3568-3580.	1.5	94
83	A novel H1N1 virus causes the first pandemic of the 21st century. European Journal of Immunology, 2009, 39, 2946-2954.	1.6	59
84	The role of the N-terminal caspase cleavage site in the nucleoprotein of influenza A virus in vitro and in vivo. Archives of Virology, 2008, 153, 427-434.	0.9	12
85	CK2beta gene silencing increases cell susceptibility to influenza A virus infection resulting in accelerated virus entry and higher viral protein content. Journal of Molecular Signaling, 2008, 3, 13.	0.5	9
86	H5N1 in Asia. Monographs in Virology, 2008, , 11-26.	0.6	5
87	Molecular Changes in the Polymerase Genes (PA and PB1) Associated with High Pathogenicity of H5N1 Influenza Virus in Mallard Ducks. Journal of Virology, 2007, 81, 8515-8524.	1.5	178
88	Mx1 Gene Protects Mice Against the Highly Lethal Human H5N1 Influenza Virus. Cell Cycle, 2007, 6, 2417-2421.	1.3	54
89	Neuraminidase Inhibitor-Resistant Recombinant A/Vietnam/1203/04 (H5N1) Influenza Viruses Retain Their Replication Efficiency and Pathogenicity In Vitro and In Vivo. Journal of Virology, 2007, 81, 12418-12426.	1.5	155
90	Inefficient Transmission of H5N1 Influenza Viruses in a Ferret Contact Model. Journal of Virology, 2007, 81, 6890-6898.	1.5	138

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91	Higher polymerase activity of a human influenza virus enhances activation of the hemagglutinin-induced Raf/MEK/ERK signal cascade. Virology Journal, 2007, 4, 134.	1.4	46
92	Influenza (H5N1) Viruses in Poultry, Russian Federation, 2005â€“2006. Emerging Infectious Diseases, 2007, 13, 539-546.	2.0	43
93	Crossâ€Protectiveness and Immunogenicity of Influenza A/Duck/Singapore/3/97(H5) Vaccines against Infection with A/Vietnam/1203/04(H5N1) Virus in Ferrets. Journal of Infectious Diseases, 2006, 194, 1040-1043.	1.9	86
94	The polymerase complex genes contribute to the high virulence of the human H5N1 influenza virus isolate A/Vietnam/1203/04. Journal of Experimental Medicine, 2006, 203, 689-697.	4.2	316
95	Importance of Neuraminidase Active-Site Residues to the Neuraminidase Inhibitor Resistance of Influenza Viruses. Journal of Virology, 2006, 80, 8787-8795.	1.5	169
96	Lethality to Ferrets of H5N1 Influenza Viruses Isolated from Humans and Poultry in 2004. Journal of Virology, 2005, 79, 2191-2198.	1.5	315
97	Virulence May Determine the Necessary Duration and Dosage of Oseltamivir Treatment for Highly Pathogenic A/Vietnam/1203/04 Influenza Virus in Mice. Journal of Infectious Diseases, 2005, 192, 665-672.	1.9	160
98	Neuraminidase Inhibitor-Resistant Influenza Viruses May Differ Substantially in Fitness and Transmissibility. Antimicrobial Agents and Chemotherapy, 2005, 49, 4075-4084.	1.4	226
99	Detection and Control of Influenza Outbreaks in Well-Vaccinated Nursing Home Populations. Clinical Infectious Diseases, 2004, 39, 459-464.	2.9	110
100	Influenza Viruses Resistant to the Antiviral Drug Oseltamivir: Transmission Studies in Ferrets. Journal of Infectious Diseases, 2004, 190, 1627-1630.	1.9	275
101	Influenza pandemic plan: integrated wild bird/domestic avian/swine/human flu surveillance systems in Taiwan. International Congress Series, 2004, 1263, 407-412.	0.2	2
102	Influenza surveillance in poultry market and its inter-species transmission in Taiwan. International Congress Series, 2001, 1219, 201-211.	0.2	3
103	Transmission and Pathogenicity of H5N1 Influenza Viruses. Novartis Foundation Symposium, 0, , 128-140.	1.2	2