

Kiyoko Iwatsuki-Horimoto

List of Publications by Citations

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45
papers

3,139
citations

21
h-index

50
g-index

50
ext. papers

4,747
ext. citations

13.9
avg, IF

4.71
L-index

#	Paper	IF	Citations
45	In vitro and in vivo characterization of new swine-origin H1N1 influenza viruses. <i>Nature</i> , 2009 , 460, 1021-5	50.4	884
44	Syrian hamsters as a small animal model for SARS-CoV-2 infection and countermeasure development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 16587-16595	11.5	528
43	Characterization of H7N9 influenza A viruses isolated from humans. <i>Nature</i> , 2013 , 501, 551-5	50.4	321
42	Effectiveness of Face Masks in Preventing Airborne Transmission of SARS-CoV-2. <i>MSphere</i> , 2020 , 5,	5	137
41	The Anticoagulant Nafamostat Potently Inhibits SARS-CoV-2 S Protein-Mediated Fusion in a Cell Fusion Assay System and Viral Infection In Vitro in a Cell-Type-Dependent Manner. <i>Viruses</i> , 2020 , 12,	6.2	135
40	The cytoplasmic tail of the influenza A virus M2 protein plays a role in viral assembly. <i>Journal of Virology</i> , 2006 , 80, 5233-40	6.6	131
39	Enhanced fusogenicity and pathogenicity of SARS-CoV-2 Delta P681R mutation. <i>Nature</i> , 2021 ,	50.4	104
38	A Highly Pathogenic Avian H7N9 Influenza Virus Isolated from A Human Is Lethal in Some Ferrets Infected via Respiratory Droplets. <i>Cell Host and Microbe</i> , 2017 , 22, 615-626.e8	23.4	101
37	SARS-CoV-2 Omicron virus causes attenuated disease in mice and hamsters.. <i>Nature</i> , 2022 ,	50.4	89
36	Comparison of Rapid Antigen Tests for COVID-19. <i>Viruses</i> , 2020 , 12,	6.2	65
35	Antibody titers against SARS-CoV-2 decline, but do not disappear for several months. <i>EClinicalMedicine</i> , 2021 , 32, 100734	11.3	65
34	Influenza A variants with reduced susceptibility to baloxavir isolated from Japanese patients are fit and transmit through respiratory droplets. <i>Nature Microbiology</i> , 2020 , 5, 27-33	26.6	58
33	Selection of antigenically advanced variants of seasonal influenza viruses. <i>Nature Microbiology</i> , 2016 , 1, 16058	26.6	46
32	Cytokine production by primary human macrophages infected with highly pathogenic H5N1 or pandemic H1N1 2009 influenza viruses. <i>Journal of General Virology</i> , 2011 , 92, 1428-1434	4.9	45
31	Syrian Hamster as an Animal Model for the Study of Human Influenza Virus Infection. <i>Journal of Virology</i> , 2018 , 92,	6.6	41
30	Generation of influenza A virus NS2 (NEP) mutants with an altered nuclear export signal sequence. <i>Journal of Virology</i> , 2004 , 78, 10149-55	6.6	39
29	Efficacy of Antibodies and Antiviral Drugs against Covid-19 Omicron Variant.. <i>New England Journal of Medicine</i> , 2022 ,	59.2	37

28	Gargle Lavage as a Safe and Sensitive Alternative to Swab Samples to Diagnose COVID-19: A Case Report in Japan. <i>Clinical Infectious Diseases</i> , 2020 , 71, 893-894	11.6	34
27	Longitudinal antibody repertoire in "mild" versus "severe" COVID-19 patients reveals immune markers associated with disease severity and resolution. <i>Science Advances</i> , 2021 , 7,	14.3	28
26	Characterization of a new SARS-CoV-2 variant that emerged in Brazil. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	25
25	Accuracy and stability of saliva as a sample for reverse transcription PCR detection of SARS-CoV-2. <i>Journal of Clinical Pathology</i> , 2021 , 74, 67-68	3.9	21
24	The ASK family kinases differentially mediate induction of type I interferon and apoptosis during the antiviral response. <i>Science Signaling</i> , 2015 , 8, ra78	8.8	20
23	The SARS-CoV-2 B.1.1.529 Omicron virus causes attenuated infection and disease in mice and hamsters. 2021 ,		17
22	Limited compatibility between the RNA polymerase components of influenza virus type A and B. <i>Virus Research</i> , 2008 , 135, 161-5	6.4	15
21	The Marmoset as an Animal Model of Influenza: Infection With A(H1N1)pdm09 and Highly Pathogenic A(H5N1) Viruses via the Conventional or Tracheal Spray Route. <i>Frontiers in Microbiology</i> , 2018 , 9, 844	5.7	13
20	Hemozoin as a novel adjuvant for inactivated whole virion influenza vaccine. <i>Vaccine</i> , 2014 , 32, 5295-3004.1	4.1	13
19	Emergence of Oseltamivir-Resistant H7N9 Influenza Viruses in Immunosuppressed Cynomolgus Macaques. <i>Journal of Infectious Diseases</i> , 2017 , 216, 582-593	7	13
18	The Microminipig as an Animal Model for Influenza A Virus Infection. <i>Journal of Virology</i> , 2017 , 91,	6.6	13
17	Diversity of antigenic mutants of influenza A(H1N1)pdm09 virus escaped from human monoclonal antibodies. <i>Scientific Reports</i> , 2017 , 7, 17735	4.9	12
16	Seroprevalence of pandemic 2009 (H1N1) influenza A virus among schoolchildren and their parents in Tokyo, Japan. <i>Vaccine Journal</i> , 2011 , 18, 860-6		11
15	A bivalent vaccine based on a replication-incompetent influenza virus protects against <i>Streptococcus pneumoniae</i> and influenza virus infection. <i>Journal of Virology</i> , 2014 , 88, 13410-7	6.6	10
14	Capsid protein gene variation among feline calicivirus isolates. <i>Virus Genes</i> , 2001 , 23, 171-4	2.3	10
13	Highly Neutralizing COVID-19 Convalescent Plasmas Potently Block SARS-CoV-2 Replication and Pneumonia in Syrian Hamsters. <i>Journal of Virology</i> , 2021 , JVI0155121	6.6	8
12	Experimental infection of Cynomolgus Macaques with highly pathogenic H5N1 influenza virus through the aerosol route. <i>Scientific Reports</i> , 2018 , 8, 4801	4.9	7
11	Development of an Influenza Rapid Diagnostic Kit Specific for the H7 Subtype. <i>Frontiers in Microbiology</i> , 2018 , 9, 1346	5.7	6

10	Accuracy of rapid antigen detection test for nasopharyngeal swab specimens and saliva samples in comparison with RT-PCR and viral culture for SARS-CoV-2 detection. <i>Journal of Infection and Chemotherapy</i> , 2021 , 27, 1058-1062	2.2	6
9	Pathogenesis of Influenza A(H7N9) Virus in Aged Nonhuman Primates. <i>Journal of Infectious Diseases</i> , 2020 , 222, 1155-1164	7	3
8	Characterization and antiviral susceptibility of SARS-CoV-2 Omicron/BA.2. 2022 ,		3
7	Correlation Analysis between Gut Microbiota Alterations and the Cytokine Response in Patients with Coronavirus Disease during Hospitalization.. <i>Microbiology Spectrum</i> , 2022 , e0168921	8.9	3
6	Antigenic variants of influenza B viruses isolated in Japan during the 2017-2018 and 2018-2019 influenza seasons. <i>Influenza and Other Respiratory Viruses</i> , 2020 , 14, 311-319	5.6	2
5	Antigenic Change in Human Influenza A(H2N2) Viruses Detected by Using Human Plasma from Aged and Younger Adult Individuals. <i>Viruses</i> , 2019 , 11,	6.2	2
4	Highly-Neutralizing COVID-19-Convalescent-Plasmas Potently Block SARS-CoV-2 Replication and Pneumonia in Syrian Hamsters		2
3	Co-administration of Favipiravir and the Remdesivir Metabolite GS-441524 Effectively Reduces SARS-CoV-2 Replication in the Lungs of the Syrian Hamster Model.. <i>MBio</i> , 2022 , e0304421	7.8	1
2	Evaluation of the fusion partner cell line SPYMEG for obtaining human monoclonal antibodies against influenza B virus. <i>Journal of Veterinary Medical Science</i> , 2018 , 80, 1020-1024	1.1	1
1	Characterization of the SARS-CoV-2 B.1.621 (Mu) variant.. <i>Science Translational Medicine</i> , 2022 , eabm49087.5	8.5	1