

# Yuko Sakai-Tagawa

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

3,171  
citations

361045

20  
h-index

414034

32  
g-index

33  
all docs

33  
docs citations

33  
times ranked

6082  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.3	912
2	SARS-CoV-2 Omicron virus causes attenuated disease in mice and hamsters. <i>Nature</i> , 2022, 603, 687-692.	13.7	475
3	Influenza Virus-Host Interactome Screen as a Platform for Antiviral Drug Development. <i>Cell Host and Microbe</i> , 2014, 16, 795-805.	5.1	239
4	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, 629.	1.5	232
5	Characterization and antiviral susceptibility of SARS-CoV-2 Omicron BA.2. <i>Nature</i> , 2022, 607, 119-127.	13.7	174
6	Comparison of Rapid Antigen Tests for COVID-19. <i>Viruses</i> , 2020, 12, 1420.	1.5	166
7	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.	5.1	121
8	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.	5.9	102
9	A humanized MDCK cell line for the efficient isolation and propagation of human influenza viruses. <i>Nature Microbiology</i> , 2019, 4, 1268-1273.	5.9	73
10	Sensitivity of Influenza Rapid Diagnostic Tests to H5N1 and 2009 Pandemic H1N1 Viruses. <i>Journal of Clinical Microbiology</i> , 2010, 48, 2872-2877.	1.8	64
11	Syrian Hamster as an Animal Model for the Study of Human Influenza Virus Infection. <i>Journal of Virology</i> , 2018, 92, .	1.5	63
12	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, .	4.7	63
13	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, .	3.3	63
14	Complete and Incomplete Genome Packaging of Influenza A and B Viruses. <i>MBio</i> , 2016, 7, .	1.8	57
15	Antigenic drift originating from changes to the lateral surface of the neuraminidase head of influenza A virus. <i>Nature Microbiology</i> , 2019, 4, 1024-1034.	5.9	48
16	Disease Severity Is Associated with Differential Gene Expression at the Early and Late Phases of Infection in Nonhuman Primates Infected with Different H5N1 Highly Pathogenic Avian Influenza Viruses. <i>Journal of Virology</i> , 2014, 88, 8981-8997.	1.5	45
17	Mammalian Adaptive Mutations of the PA Protein of Highly Pathogenic Avian H5N1 Influenza Virus. <i>Journal of Virology</i> , 2015, 89, 4117-4125.	1.5	45
18	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.	1.0	34

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19	Identification of PB2 Mutations Responsible for the Efficient Replication of H5N1 Influenza Viruses in Human Lung Epithelial Cells. <i>Journal of Virology</i> , 2015, 89, 3947-3956.	1.5	28
20	C646, a Novel p300/CREB-Binding Protein-Specific Inhibitor of Histone Acetyltransferase, Attenuates Influenza A Virus Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 1902-1906.	1.4	25
21	Diversity of antigenic mutants of influenza A(H1N1)pdm09 virus escaped from human monoclonal antibodies. <i>Scientific Reports</i> , 2017, 7, 17735.	1.6	21
22	Therapeutic efficacy of monoclonal antibodies and antivirals against SARS-CoV-2 Omicron BA.1 in Syrian hamsters. <i>Nature Microbiology</i> , 2022, 7, 1252-1258.	5.9	20
23	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.	0.8	19
24	Detection sensitivity of influenza rapid diagnostic tests. <i>Microbiology and Immunology</i> , 2014, 58, 600-606.	0.7	17
25	Reactivity and sensitivity of commercially available influenza rapid diagnostic tests in Japan. <i>Scientific Reports</i> , 2017, 7, 14483.	1.6	15
26	Long-term culture of human lung adenocarcinoma A549 cells enhances the replication of human influenza A viruses. <i>Journal of General Virology</i> , 2019, 100, 1345-1349.	1.3	12
27	Development of an Influenza Rapid Diagnostic Kit Specific for the H7 Subtype. <i>Frontiers in Microbiology</i> , 2018, 9, 1346.	1.5	8
28	Adult influenza A (H3N2) with reduced susceptibility to baloxavir or peramivir cured after switching anti-influenza agents. <i>IDCases</i> , 2019, 18, e00650.	0.4	8
29	Comparative Sensitivity of Rapid Antigen Tests for the Delta Variant (B.1.617.2) of SARS-CoV-2. <i>Viruses</i> , 2021, 13, 2183.	1.5	8
30	Antigenic variants of influenza B viruses isolated in Japan during the 2017â€“2018 and 2018â€“2019 influenza seasons. <i>Influenza and Other Respiratory Viruses</i> , 2020, 14, 311-319.	1.5	6
31	Sensitivity of Commercially Available Influenza Rapid Diagnostic Tests in the 2018â€“2019 Influenza Season. <i>Frontiers in Microbiology</i> , 2019, 10, 2342.	1.5	5
32	Casirivimab/Imdevimab for Active COVID-19 Pneumonia Which Persisted for Nine Months in a Patient with Follicular Lymphoma during Anti-CD20 Therapy. <i>Japanese Journal of Infectious Diseases</i> , 2022, 75, 608-611.	0.5	3
33	OUP accepted manuscript. <i>Journal of Infectious Diseases</i> , 2022, , .	1.9	0