

Mayuko Saito

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

3,240
citations

147566

31
h-index

182168

51
g-index

101
all docs

101
docs citations

101
times ranked

5320
citing authors

#	ARTICLE	IF	CITATIONS
1	Clusters of Coronavirus Disease in Communities, Japan, January–April 2020. <i>Emerging Infectious Diseases</i> , 2020, 26, 2176-2179.	2.0	193
2	Multiple Norovirus Infections in a Birth Cohort in a Peruvian Periurban Community. <i>Clinical Infectious Diseases</i> , 2014, 58, 483-491.	2.9	158
3	Antigen-Specific Acquired Immunity in Human Brucellosis: Implications for Diagnosis, Prognosis, and Vaccine Development. <i>Frontiers in Cellular and Infection Microbiology</i> , 2012, 2, 1.	1.8	155
4	Human Leptospirosis Caused by a New, Antigenically Unique <i>Leptospira</i> Associated with a <i>Rattus</i> Species Reservoir in the Peruvian Amazon. <i>PLoS Neglected Tropical Diseases</i> , 2008, 2, e213.	1.3	134
5	Incidence of Adverse Drug Events and Medication Errors in Japan: the JADE Study. <i>Journal of General Internal Medicine</i> , 2011, 26, 148-153.	1.3	133
6	Early warning of COVID-19 via wastewater-based epidemiology: potential and bottlenecks. <i>Science of the Total Environment</i> , 2021, 767, 145124.	3.9	126
7	Asymptomatic Renal Colonization of Humans in the Peruvian Amazon by <i>Leptospira</i> . <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e612.	1.3	114
8	Diagnostic approaches for paediatric tuberculosis by use of different specimen types, culture methods, and PCR: a prospective case-control study. <i>Lancet Infectious Diseases</i> , The, 2010, 10, 612-620.	4.6	104
9	Urban informal settlements as hotspots of antimicrobial resistance and the need to curb environmental transmission. <i>Nature Microbiology</i> , 2020, 5, 787-795.	5.9	101
10	Environmental Surveillance of Norovirus Genogroups I and II for Sensitive Detection of Epidemic Variants. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	83
11	Epidemiology of COVID-19 Outbreak in Japan, from January–March 2020. <i>Japanese Journal of Infectious Diseases</i> , 2020, 73, 391-393.	0.5	81
12	Temporal dynamics of norovirus determined through monitoring of municipal wastewater by pyrosequencing and virological surveillance of gastroenteritis cases. <i>Water Research</i> , 2016, 92, 244-253.	5.3	71
13	Neurocysticercosis as a Cause of Epilepsy and Seizures in Two Community-Based Studies in a Cysticercosis-Endemic Region in Peru. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2692.	1.3	69
14	An Integrated Workflow To Assess Technical and Biological Variability of Cell Population Frequencies in Human Peripheral Blood by Flow Cytometry. <i>Journal of Immunology</i> , 2017, 198, 1748-1758.	0.4	69
15	Circulating T cell-monocyte complexes are markers of immune perturbations. <i>ELife</i> , 2019, 8, .	2.8	67
16	Molecular Characterization of Human Respiratory Syncytial Virus in the Philippines, 2012-2013. <i>PLoS ONE</i> , 2015, 10, e0142192.	1.1	55
17	Human G3P[4] rotavirus obtained in Japan, 2013, possibly emerged through a human–equine rotavirus reassortment event. <i>Virus Genes</i> , 2015, 50, 129-133.	0.7	54
18	Burden of Norovirus and Rotavirus in Children After Rotavirus Vaccine Introduction, Cochabamba, Bolivia. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 94, 212-217.	0.6	49

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19	Etiological Role and Repeated Infections of Sapovirus among Children Aged Less than 2 Years in a Cohort Study in a Peri-urban Community of Peru. <i>Journal of Clinical Microbiology</i> , 2016, 54, 1598-1604.	1.8	47
20	Genetic diversity of human sapovirus across the Americas. <i>Journal of Clinical Virology</i> , 2018, 104, 65-72.	1.6	45
21	Hymenolepis nana infection: symptoms and response to nitazoxanide in field conditions. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2007, 101, 203-205.	0.7	43
22	Epidemiology of Sapovirus Infections in a Birth Cohort in Peru. <i>Clinical Infectious Diseases</i> , 2018, 66, 1858-1863.	2.9	43
23	Transcriptomic Analysis of CD4+ T Cells Reveals Novel Immune Signatures of Latent Tuberculosis. <i>Journal of Immunology</i> , 2018, 200, 3283-3290.	0.4	43
24	Large Scale Immune Profiling of Infected Humans and Goats Reveals Differential Recognition of Brucella melitensis Antigens. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e673.	1.3	40
25	Molecular detection and characterization of sapovirus in hospitalized children with acute gastroenteritis in the Philippines. <i>Journal of Clinical Virology</i> , 2015, 68, 83-88.	1.6	40
26	Modelling subject-specific childhood growth using linear mixed-effect models with cubic regression splines. <i>Emerging Themes in Epidemiology</i> , 2016, 13, 1.	1.2	40
27	High Recurrence Rate of Uterine Fibroids on Transvaginal Ultrasound after Abdominal Myomectomy in Japanese Women. <i>Gynecologic and Obstetric Investigation</i> , 2006, 61, 155-159.	0.7	39
28	Environmental Presence and Genetic Characteristics of Carbapenemase-Producing <i>Enterobacteriaceae</i> from Hospital Sewage and River Water in the Philippines. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	39
29	Systems Biology Approach Predicts Antibody Signature Associated with <i>Brucella melitensis</i> Infection in Humans. <i>Journal of Proteome Research</i> , 2011, 10, 4813-4824.	1.8	35
30	A side-by-side comparison of T cell reactivity to fifty-nine Mycobacterium tuberculosis antigens in diverse populations from five continents. <i>Tuberculosis</i> , 2015, 95, 713-721.	0.8	35
31	Distribution of norovirus and sapovirus genotypes with emergence of NoV GII.P16/GII.2 recombinant strains in Chiang Mai, Thailand. <i>Journal of Medical Virology</i> , 2019, 91, 215-224.	2.5	33
32	HLA-DR Marks Recently Divided Antigen-Specific Effector CD4 T Cells in Active Tuberculosis Patients. <i>Journal of Immunology</i> , 2021, 207, 523-533.	0.4	33
33	Prevalence of Sexually Transmitted Infections and High-Risk Sexual Behaviors in Heterosexual Couples Attending Sexually Transmitted Disease Clinics in Peru. <i>Sexually Transmitted Diseases</i> , 2007, 34, 344-361.	0.8	31
34	Helicobacter pylori Infection in Infants and Toddlers in South America: Concordance between [¹³ C]Urea Breath Test and Monoclonal H. pylori Stool Antigen Test. <i>Journal of Clinical Microbiology</i> , 2013, 51, 3735-3740.	1.8	30
35	Molecular Epidemiology of Enterovirus D68 from 2013 to 2014 in Philippines. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1015-1018.	1.8	30
36	Genome-wide analyses of human noroviruses provide insights on evolutionary dynamics and evidence of coexisting viral populations evolving under recombination constraints. <i>PLoS Pathogens</i> , 2021, 17, e1009744.	2.1	29

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37	Incidence and Risk Factors of Childhood Pneumonia-Like Episodes in Biliran Island, Philippines—A Community-Based Study. <i>PLoS ONE</i> , 2015, 10, e0125009.	1.1	29
38	Epidemiology of potentially inappropriate medication use in elderly patients in Japanese acute care hospitals. <i>Pharmacoepidemiology and Drug Safety</i> , 2011, 20, 386-392.	0.9	28
39	Aetiology and risks factors associated with the fatal outcomes of childhood pneumonia among hospitalised children in the Philippines from 2008 to 2016: a case series study. <i>BMJ Open</i> , 2019, 9, e026895.	0.8	28
40	LOW PREVALENCE AND INCREASED HOUSEHOLD CLUSTERING OF MYCOBACTERIUM TUBERCULOSIS INFECTION IN HIGH ALTITUDE VILLAGES IN PERU. <i>American Journal of Tropical Medicine and Hygiene</i> , 2003, 68, 721-727.	0.6	28
41	High Risk for Tuberculosis in Hospital Physicians, Peru. <i>Emerging Infectious Diseases</i> , 2002, 8, 747-748.	2.0	26
42	Genome-Level Determination of Plasmodium falciparum Blood-Stage Targets of Malarial Clinical Immunity in the Peruvian Amazon. <i>Journal of Infectious Diseases</i> , 2015, 211, 1342-1351.	1.9	25
43	Incidence of lower respiratory tract infection and associated viruses in a birth cohort in the Philippines. <i>BMC Infectious Diseases</i> , 2022, 22, 313.	1.3	25
44	Familial Clusters of Coronavirus Disease in 10 Prefectures, Japan, February–May 2020. <i>Emerging Infectious Diseases</i> , 2021, 27, 915-918.	2.0	24
45	COVID-19 case prediction via wastewater surveillance in a low-prevalence urban community: a modeling approach. <i>Journal of Water and Health</i> , 2022, 20, 459-470.	1.1	24
46	Changes in Tuberculin Skin Test Positivity Over 20 Years in Periurban Shantytowns in Lima, Peru. <i>American Journal of Tropical Medicine and Hygiene</i> , 2013, 89, 507-515.	0.6	22
47	A Protein-Conjugate Approach to Develop a Monoclonal Antibody-Based Antigen Detection Test for the Diagnosis of Human Brucellosis. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2926.	1.3	22
48	Molecular Characterization of Respiratory Syncytial Virus in Children With Repeated Infections With Subgroup B in the Philippines. <i>Journal of Infectious Diseases</i> , 2018, 218, 1045-1053.	1.9	22
49	COMPARISON OF ALTITUDE EFFECT ON MYCOBACTERIUM TUBERCULOSIS INFECTION BETWEEN RURAL AND URBAN COMMUNITIES IN PERU. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 75, 49-54.	0.6	22
50	First Detected <i>Helicobacter pylori</i> Infection in Infancy Modifies the Association Between Diarrheal Disease and Childhood Growth in Peru. <i>Helicobacter</i> , 2014, 19, 272-279.	1.6	21
51	Age-specific incidence rates and risk factors for respiratory syncytial virus-associated lower respiratory tract illness in cohort children under 5 years old in the Philippines. <i>Influenza and Other Respiratory Viruses</i> , 2019, 13, 339-353.	1.5	21
52	Quantitative and Qualitative Perturbations of CD8+ MAITs in Healthy <i>Mycobacterium tuberculosis</i> -Infected Individuals. <i>ImmunoHorizons</i> , 2020, 4, 292-307.	0.8	21
53	Seroprevalence and molecular characteristics of hepatitis E virus in household-raised pig population in the Philippines. <i>BMC Veterinary Research</i> , 2015, 11, 11.	0.7	20
54	Norovirus-specific immunoglobulin A in breast milk for protection against norovirus-associated diarrhea among infants. <i>EClinicalMedicine</i> , 2020, 27, 100561.	3.2	20

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55	Complete Coding Genome Sequences of Uncommon GII.8 Sapovirus Strains Identified in Diarrhea Samples Collected from Peruvian Children. <i>Genome Announcements</i> , 2017, 5, .	0.8	19
56	Comparison of Two Types of Epidemiological Surveys Aimed at Collecting Daily Clinical Symptoms in Community-Based Longitudinal Studies. <i>Annals of Epidemiology</i> , 2010, 20, 151-158.	0.9	18
57	Association Between Preceding Viral Respiratory Infection and Subsequent Respiratory Illnesses Among Children: A Prospective Cohort Study in the Philippines. <i>Journal of Infectious Diseases</i> , 2019, 219, 197-205.	1.9	17
58	Roles of Children and Adolescents in COVID-19 Transmission in the Community: A Retrospective Analysis of Nationwide Data in Japan. <i>Frontiers in Pediatrics</i> , 2021, 9, 705882.	0.9	16
59	Enteropathogen Changes After Rotavirus Vaccine Scale-up. <i>Pediatrics</i> , 2022, 149, .	1.0	15
60	Gene signature of children with severe respiratory syncytial virus infection. <i>Pediatric Research</i> , 2021, 89, 1664-1672.	1.1	13
61	A Foodborne Outbreak of Brucellosis at a Police Station Cafeteria, Lima, Peru. <i>American Journal of Tropical Medicine and Hygiene</i> , 2013, 88, 552-558.	0.6	12
62	A Controlled Study of Tuberculosis Diagnosis in HIV-Infected and Uninfected Children in Peru. <i>PLoS ONE</i> , 2015, 10, e0120915.	1.1	12
63	Differences in viral load among human respiratory syncytial virus genotypes in hospitalized children with severe acute respiratory infections in the Philippines. <i>Virology Journal</i> , 2016, 13, 113.	1.4	12
64	<i>Bordetella pertussis</i> infection in children with severe pneumonia, Philippines, 2012–2015. <i>Vaccine</i> , 2017, 35, 993-996.	1.7	12
65	Tropical and travel-associated norovirus. <i>Current Opinion in Infectious Diseases</i> , 2015, 28, 408-416.	1.3	11
66	Comparative Evaluation of Real-Time PCR Methods for Human Noroviruses in Wastewater and Human Stool. <i>PLoS ONE</i> , 2016, 11, e0160825.	1.1	11
67	Secondary transmission of SARS-CoV-2 during the first two waves in Japan: Demographic characteristics and overdispersion. <i>International Journal of Infectious Diseases</i> , 2022, 116, 365-373.	1.5	11
68	Detection and Genogrouping of Noroviruses from Children's Stools By Taqman One-step RT-PCR. <i>Journal of Visualized Experiments</i> , 2012, , .	0.2	10
69	Epidemiology and Genetic Characterization of Noroviruses among Adults in an Endemic Setting, Peruvian Amazon Basin, 2004–2011. <i>PLoS ONE</i> , 2015, 10, e0131646.	1.1	10
70	Comparison of altitude effect on <i>Mycobacterium tuberculosis</i> infection between rural and urban communities in Peru. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 75, 49-54.	0.6	10
71	Cost-effectiveness of norovirus vaccination in children in Peru. <i>Vaccine</i> , 2015, 33, 3084-3091.	1.7	9
72	Complete Genome Sequence of a Nontypeable GII Norovirus Detected in Peru. <i>Genome Announcements</i> , 2018, 6, .	0.8	9

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73	Use of antibiotics for common illnesses among children aged under 5 years in a rural community in Indonesia: a cross-sectional study. <i>Tropical Medicine and Health</i> , 2019, 47, 45.	1.0	9
74	Early Warning of COVID-19 in Tokyo via Wastewater-based Epidemiology: How Feasible It Really Is?. <i>Journal of Water and Environment Technology</i> , 2021, 19, 170-183.	0.3	9
75	EFFECT OF MATERNAL ANEMIA AT HIGH ALTITUDE ON INFANT HEMATOCRIT AND OXYGENATION. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004, 70, 420-424.	0.6	9
76	Epidemiological and clinical characteristics of children with acute respiratory viral infections in the Philippines: a prospective cohort study. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1037.e9-1037.e14.	2.8	8
77	Viral intra-host evolution in immunocompetent children contributes to human norovirus diversification at the global scale. <i>Emerging Microbes and Infections</i> , 2021, 10, 1717-1730.	3.0	8
78	Comprehensive Etiological and Epidemiological Study on Acute Respiratory Infections in Children: Providing Evidence for the Prevention and Control of Childhood Pneumonia in the Philippines. <i>Journal of Disaster Research</i> , 2018, 13, 740-750.	0.4	6
79	Genetic diversity of species A rotaviruses detected in clinical and environmental samples, including porcine-like rotaviruses from hospitalized children in the Philippines. <i>Infection, Genetics and Evolution</i> , 2020, 85, 104465.	1.0	5
80	Ex Vivo Innate Immune Cytokine Signature of Enhanced Risk of Relapsing Brucellosis. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2424.	1.3	4
81	<i>Brucella melitensis</i> T Cell Epitope Recognition in Humans with Brucellosis in Peru. <i>Infection and Immunity</i> , 2014, 82, 124-131.	1.0	4
82	Recombinant Nontypeable Genotype II Human Noroviruses in the Americas. <i>Emerging Infectious Diseases</i> , 2020, 26, 157-159.	2.0	4
83	Factors associated with the detection of norovirus among asymptomatic adults. <i>Clinical Microbiology and Infection</i> , 2022, 28, 299.e1-299.e8.	2.8	4
84	Risk of Transmission and Viral Shedding From the Time of Infection for Respiratory Syncytial Virus in Households. <i>American Journal of Epidemiology</i> , 2021, 190, 2536-2543.	1.6	4
85	Laboratory Diagnosis for Outbreak-Prone Infectious Diseases after Typhoon Yolanda (Haiyan), Philippines. <i>PLOS Currents</i> , 2016, 8, .	1.4	4
86	APPLICABILITY OF NOROVIRUS MONITORING IN SEWAGE AS AN EARLY WARNING SYSTEM OF INFECTIOUS GASTROENTERITIS. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2016, 72, III_285-III_294.	0.1	3
87	Epidemiological factors associated with COVID-19 clusters in medical and social welfare facilities. <i>Japanese Journal of Infectious Diseases</i> , 2021, , .	0.5	3
88	Complete Genome Sequences of 12 Human Respiratory Syncytial Virus (Human) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (Orthomyxoviridae) in the Philippines. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.3	2
89	The association between consuming bivalves, and acute gastroenteritis and norovirus in Tokyo, Japan. <i>Journal of Medical Virology</i> , 2019, 91, 986-996.	2.5	2
90	Genetic analysis of sapoviruses detected in outbreaks and sporadic cases of acute gastroenteritis in Miyagi Prefecture, Japan. <i>Journal of Clinical Virology</i> , 2020, 132, 104648.	1.6	2

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91	Articles with high-grade evidence: Trend in the last decade. <i>Contemporary Clinical Trials</i> , 2005, 26, 510-511.	0.8	1
92	Complete Genome Sequences of 13 Human Respiratory Syncytial Virus Subgroup A Strains of Genotypes NA1 and ON1 Isolated in the Philippines. <i>Genome Announcements</i> , 2018, 6, .	0.8	1
93	Research Activities and Responding to Typhoon Haiyan (Yolanda): Tohoku-RITM Collaborating Research Center in the Philippines. <i>Journal of Disaster Research</i> , 2014, 9, 823-827.	0.4	1
94	Integration of publicly available case-based data for real-time coronavirus disease 2019 risk assessment, Japan. <i>Western Pacific Surveillance and Response Journal: WPSAR</i> , 2022, 13, 43-48.	0.3	1
95	Detection Rate of Pharyngeal Cancer in High-Risk Groups By Endoscopic Examination with Narrow Band Imaging (NBI): Single-Center Experience in 103 Patients. <i>Gastrointestinal Endoscopy</i> , 2009, 69, AB209-AB210.	0.5	0
96	Potential underestimation of influenza virus burden in infants. <i>The Lancet Child and Adolescent Health</i> , 2019, 3, 751-752.	2.7	0
97	Wastewater-based Epidemiology for Infectious Diseases: The Foundations and Future Perspectives. <i>Journal of Japan Society on Water Environment</i> , 2021, 44, 125-133.	0.1	0
98	Complete Genome Sequences of Enterovirus D68 Clade A and D Strains in the Philippines. <i>Microbiology Resource Announcements</i> , 2021, 10, e0070921.	0.3	0
99	Near-Complete Genome Sequencing of Influenza C Virus in the Philippines between 2014 and 2019. <i>Microbiology Resource Announcements</i> , 2021, 10, e0090021.	0.3	0