

Kathy S M Leung

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

20,820
citations

236612

25
h-index

288905

40
g-index

58
all docs

58
docs citations

58
times ranked

34902
citing authors

#	ARTICLE	IF	CITATIONS
1	Early Transmission Dynamics in Wuhan, China, of Novel Coronavirus-Infected Pneumonia. <i>New England Journal of Medicine</i> , 2020, 382, 1199-1207.	13.9	12,326
2	Nowcasting and forecasting the potential domestic and international spread of the 2019-nCoV outbreak originating in Wuhan, China: a modelling study. <i>Lancet, The</i> , 2020, 395, 689-697.	6.3	3,681
3	Estimating clinical severity of COVID-19 from the transmission dynamics in Wuhan, China. <i>Nature Medicine</i> , 2020, 26, 506-510.	15.2	1,067
4	First-wave COVID-19 transmissibility and severity in China outside Hubei after control measures, and second-wave scenario planning: a modelling impact assessment. <i>Lancet, The</i> , 2020, 395, 1382-1393.	6.3	703
5	Early transmissibility assessment of the N501Y mutant strains of SARS-CoV-2 in the United Kingdom, October to November 2020. <i>Eurosurveillance</i> , 2021, 26, .	3.9	584
6	Real-time tentative assessment of the epidemiological characteristics of novel coronavirus infections in Wuhan, China, as at 22 January 2020. <i>Eurosurveillance</i> , 2020, 25, .	3.9	334
7	Serological assays for severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), March 2020. <i>Eurosurveillance</i> , 2020, 25, .	3.9	309
8	PCBP2 mediates degradation of the adaptor MAVS via the HECT ubiquitin ligase AIP4. <i>Nature Immunology</i> , 2009, 10, 1300-1308.	7.0	295
9	Depression and post-traumatic stress during major social unrest in Hong Kong: a 10-year prospective cohort study. <i>Lancet, The</i> , 2020, 395, 273-284.	6.3	193
10	Modelling COVID-19. <i>Nature Reviews Physics</i> , 2020, 2, 279-281.	11.9	174
11	Changes in local travel behaviour before and during the COVID-19 pandemic in Hong Kong. <i>Cities</i> , 2021, 112, 103139.	2.7	111
12	Social contact patterns relevant to the spread of respiratory infectious diseases in Hong Kong. <i>Scientific Reports</i> , 2017, 7, 7974.	1.6	107
13	Evaluation of a SARS-CoV-2 Surrogate Virus Neutralization Test for Detection of Antibody in Human, Canine, Cat, and Hamster Sera. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	1.8	102
14	Real-time tracking and prediction of COVID-19 infection using digital proxies of population mobility and mixing. <i>Nature Communications</i> , 2021, 12, 1501.	5.8	67
15	Impacts of the Coronavirus 2019 Pandemic on Gastrointestinal Endoscopy Volume and Diagnosis of Gastric and Colorectal Cancers: A Population-Based Study. <i>Gastroenterology</i> , 2020, 159, 1164-1166.e3.	0.6	66
16	Effects of adjusting public health, travel, and social measures during the roll-out of COVID-19 vaccination: a modelling study. <i>Lancet Public Health, The</i> , 2021, 6, e674-e682.	4.7	53
17	The economic burden of influenza-associated outpatient visits and hospitalizations in China: a retrospective survey. <i>Infectious Diseases of Poverty</i> , 2015, 4, 44.	1.5	48
18	Inferring Influenza Infection Attack Rate from Seroprevalence Data. <i>PLoS Pathogens</i> , 2014, 10, e1004054.	2.1	46

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19	Herpes zoster related hospitalization after inactivated (CoronaVac) and mRNA (BNT162b2) SARS-CoV-2 vaccination: A self-controlled case series and nested case-control study. <i>The Lancet Regional Health - Western Pacific</i> , 2022, 21, 100393.	1.3	41
20	Crowdsourcing data to mitigate epidemics. <i>The Lancet Digital Health</i> , 2020, 2, e156-e157.	5.9	40
21	Routine Pediatric Enterovirus 71 Vaccination in China: a Cost-Effectiveness Analysis. <i>PLoS Medicine</i> , 2016, 13, e1001975.	3.9	39
22	Social contact patterns and implications for infectious disease transmission – a systematic review and meta-analysis of contact surveys. <i>ELife</i> , 2021, 10, .	2.8	36
23	Nowcasting epidemics of novel pathogens: lessons from COVID-19. <i>Nature Medicine</i> , 2021, 27, 388-395.	15.2	32
24	Economic costs and health-related quality of life for hand, foot and mouth disease (HFMD) patients in China. <i>PLoS ONE</i> , 2017, 12, e0184266.	1.1	31
25	Waning antibody levels after COVID-19 vaccination with mRNA Comirnaty and inactivated CoronaVac vaccines in blood donors, Hong Kong, April 2020 to October 2021. <i>Eurosurveillance</i> , 2022, 27, .	3.9	30
26	Monitoring the fitness of antiviral-resistant influenza strains during an epidemic: a mathematical modelling study. <i>Lancet Infectious Diseases</i> , The, 2017, 17, 339-347.	4.6	27
27	Genomic epidemiology of SARS-CoV-2 under an elimination strategy in Hong Kong. <i>Nature Communications</i> , 2022, 13, 736.	5.8	26
28	Managing waning vaccine protection against SARS-CoV-2 variants. <i>Lancet</i> , The, 2022, 399, 2-3.	6.3	18
29	The allocation of COVID-19 vaccines and antivirals against emerging SARS-CoV-2 variants of concern in East Asia and Pacific region: A modelling study. <i>The Lancet Regional Health - Western Pacific</i> , 2022, 21, 100389.	1.3	16
30	Estimating the transmission advantage of the D614G mutant strain of SARS-CoV-2, December 2019 to June 2020. <i>Eurosurveillance</i> , 2021, 26, .	3.9	16
31	No Detectable Surge in SARS-CoV-2 Transmission Attributable to the April 7, 2020 Wisconsin Election. <i>American Journal of Public Health</i> , 2020, 110, 1169-1170.	1.5	14
32	A global assessment of the impact of school closure in reducing COVID-19 spread. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2022, 380, 20210124.	1.6	13
33	Cost-effectiveness of bivalent versus monovalent vaccines against hand, foot and mouth disease. <i>Clinical Microbiology and Infection</i> , 2020, 26, 373-380.	2.8	10
34	Preexisting Antibody-Dependent Cellular Cytotoxicity – Activating Antibody Responses Are Stable Longitudinally and Cross-reactive Responses Are Not Boosted by Recent Influenza Exposure. <i>Journal of Infectious Diseases</i> , 2016, 214, 1159-1163.	1.9	7
35	The gradual release exit strategy after lockdown against COVID-19. <i>The Lancet Regional Health - Western Pacific</i> , 2020, 1, 100008.	1.3	7
36	Cost-effectiveness of strategies for preventing paediatric lower respiratory infections associated with respiratory syncytial virus in eight Chinese cities. <i>Vaccine</i> , 2021, 39, 5490-5498.	1.7	7

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37	Quantifying the uncertainty of CovidSim. <i>Nature Computational Science</i> , 2021, 1, 98-99.	3.8	4
38	Assessing the impact of respiratory infections and weather conditions on donor attendance and blood inventory in Hong Kong. <i>Vox Sanguinis</i> , 2019, 114, 137-144.	0.7	3
39	Harnessing the potential of blood donation archives for influenza surveillance and control. <i>PLoS ONE</i> , 2020, 15, e0233605.	1.1	1
40	Using Risk Stratification to Optimize Mammography Screening in Chinese Women. <i>JNCI Cancer Spectrum</i> , 2021, 5, pkab060.	1.4	0