

# Kathy S M Leung

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49  
papers

14,447  
citations

20  
h-index

58  
g-index

58  
ext. papers

18,204  
ext. citations

16.8  
avg, IF

7.66  
L-index

#	Paper	IF	Citations
49	Early Transmission Dynamics in Wuhan, China, of Novel Coronavirus-Infected Pneumonia. <i>New England Journal of Medicine</i> , <b>2020</b> , 382, 1199-1207	59.2	8694
48	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> , <b>2020</b> , 395, 689-697	40	2594
47	Estimating clinical severity of COVID-19 from the transmission dynamics in Wuhan, China. <i>Nature Medicine</i> , <b>2020</b> , 26, 506-510	50.5	766
46	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> , <b>2020</b> , 395, 1382-1393	40	532
45	Early transmissibility assessment of the N501Y mutant strains of SARS-CoV-2 in the United Kingdom, October to November 2020. <i>Eurosurveillance</i> , <b>2021</b> , 26,	19.8	395
44	Real-time tentative assessment of the epidemiological characteristics of novel coronavirus infections in Wuhan, China, as at 22 January 2020. <i>Eurosurveillance</i> , <b>2020</b> , 25,	19.8	246
43	PCBP2 mediates degradation of the adaptor MAVS via the HECT ubiquitin ligase AIP4. <i>Nature Immunology</i> , <b>2009</b> , 10, 1300-8	19.1	233
42	Serological assays for severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), March 2020. <i>Eurosurveillance</i> , <b>2020</b> , 25,	19.8	220
41	Depression and post-traumatic stress during major social unrest in Hong Kong: a 10-year prospective cohort study. <i>Lancet, The</i> , <b>2020</b> , 395, 273-284	40	103
40	Modelling COVID-19. <i>Nature Reviews Physics</i> , <b>2020</b> , 1-3	23.6	91
39	Social contact patterns relevant to the spread of respiratory infectious diseases in Hong Kong. <i>Scientific Reports</i> , <b>2017</b> , 7, 7974	4.9	66
38	Estimating clinical severity of COVID-19 from the transmission dynamics in Wuhan, China		48
37	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> , <b>2021</b> , 59,	9.7	47
36	Inferring influenza infection attack rate from seroprevalence data. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004054	7.6	38
35	Impacts of the Coronavirus 2019 Pandemic on Gastrointestinal Endoscopy Volume and Diagnosis of Gastric and Colorectal Cancers: A Population-Based Study. <i>Gastroenterology</i> , <b>2020</b> , 159, 1164-1166.e3	13.3	36
34	Changes in local travel behaviour before and during the COVID-19 pandemic in Hong Kong. <i>Cities</i> , <b>2021</b> , 112, 103139	5.6	33
33	The economic burden of influenza-associated outpatient visits and hospitalizations in China: a retrospective survey. <i>Infectious Diseases of Poverty</i> , <b>2015</b> , 4, 44	10.4	32

32	Crowdsourcing data to mitigate epidemics. <i>The Lancet Digital Health</i> , <b>2020</b> , 2, e156-e157	14.4	30
31	Routine Pediatric Enterovirus 71 Vaccination in China: a Cost-Effectiveness Analysis. <i>PLoS Medicine</i> , <b>2016</b> , 13, e1001975	11.6	29
30	Real-time tracking and prediction of COVID-19 infection using digital proxies of population mobility and mixing. <i>Nature Communications</i> , <b>2021</b> , 12, 1501	17.4	23
29	Economic costs and health-related quality of life for hand, foot and mouth disease (HFMD) patients in China. <i>PLoS ONE</i> , <b>2017</b> , 12, e0184266	3.7	20
28	Monitoring the fitness of antiviral-resistant influenza strains during an epidemic: a mathematical modelling study. <i>Lancet Infectious Diseases</i> , <b>2017</b> , 17, 339-347	25.5	17
27	Effects of adjusting public health, travel, and social measures during the roll-out of COVID-19 vaccination: a modelling study. <i>Lancet Public Health</i> , <b>2021</b> , 6, e674-e682	22.4	16
26	Early empirical assessment of the N501Y mutant strains of SARS-CoV-2 in the United Kingdom, October to November 2020		12
25	Epidemiological and Clinical Characteristics of Coronavirus Disease 2019 in Shenzhen, the Largest Migrant City of China		11
24	Nowcasting epidemics of novel pathogens: lessons from COVID-19. <i>Nature Medicine</i> , <b>2021</b> , 27, 388-395	50.5	11
23	Managing waning vaccine protection against SARS-CoV-2 variants.. <i>Lancet</i> , <b>2021</b> ,	40	10
22	Empirical transmission advantage of the D614G mutant strain of SARS-CoV-2		10
21	Estimating the transmission advantage of the D614G mutant strain of SARS-CoV-2, December 2019 to June 2020. <i>Eurosurveillance</i> , <b>2021</b> , 26,	19.8	8
20	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> , <b>2022</b> , 27,	19.8	6
19	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> , <b>2022</b> , 21, 100389	5	6
18	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> , <b>2022</b> , 21, 100393	5	6
17	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> , <b>2016</b> , 214, 1159-63	7	6
16	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> , <b>2022</b> , 380, 20210124	3	5
15	Cost-effectiveness of bivalent versus monovalent vaccines against hand, foot and mouth disease. <i>Clinical Microbiology and Infection</i> , <b>2020</b> , 26, 373-380	9.5	5

14	Genomic epidemiology of SARS-CoV-2 under an elimination strategy in Hong Kong.. <i>Nature Communications</i> , <b>2022</b> , 13, 736	17.4	3
13	Social contact patterns and implications for infectious disease transmission: a systematic review and meta-analysis of contact surveys. <i>ELife</i> , <b>2021</b> , 10,	8.9	3
12	The gradual release exit strategy after lockdown against COVID-19. <i>The Lancet Regional Health - Western Pacific</i> , <b>2020</b> , 1, 100008	5	3
11	SARS-CoV-2 under an elimination strategy in Hong Kong <b>2021</b> ,		3
10	Comparative effectiveness of allocation strategies of COVID-19 vaccines and antivirals against emerging SARS-CoV-2 variants of concern in East Asia and Pacific region		2
9	Assessing the impact of respiratory infections and weather conditions on donor attendance and blood inventory in Hong Kong. <i>Vox Sanguinis</i> , <b>2019</b> , 114, 137-144	3.1	2
8	No Detectable Surge in SARS-CoV-2 Transmission due to the April 7, 2020 Wisconsin Election		1
7	Evaluation of a SARS-CoV-2 surrogate virus neutralization test for detection of antibody in human, canine, cat and hamster sera		1
6	Real-time tracking and prediction of COVID-19 infection using digital proxies of population mobility and mixing		1
5	Social Contact Patterns and Implications for Infectious Disease Transmission: A Systematic Review and Meta-Analysis of Contact Surveys <b>2021</b> ,		1
4	Cost-effectiveness of strategies for preventing paediatric lower respiratory infections associated with respiratory syncytial virus in eight Chinese cities. <i>Vaccine</i> , <b>2021</b> , 39, 5490-5498	4.1	1
3	Waning antibody levels after vaccination with mRNA BNT162b2 and inactivated CoronaVac COVID-19 vaccines in Hong Kong blood donors		1
2	Harnessing the potential of blood donation archives for influenza surveillance and control. <i>PLoS ONE</i> , <b>2020</b> , 15, e0233605	3.7	0
1	Using Risk Stratification to Optimize Mammography Screening in Chinese Women. <i>JNCI Cancer Spectrum</i> , <b>2021</b> , 5, pkab060	4.6	