

Kathy S M Leung

List of Publications by Year in Descending Order

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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	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,	19.8	6
48	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	5	6
47	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	5	6
46	Genomic epidemiology of SARS-CoV-2 under an elimination strategy in Hong Kong.. <i>Nature Communications</i> , 2022 , 13, 736	17.4	3
45	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	3	5
44	Managing waning vaccine protection against SARS-CoV-2 variants.. <i>Lancet, The</i> , 2021 ,	40	10
43	Social contact patterns and implications for infectious disease transmission: a systematic review and meta-analysis of contact surveys. <i>ELife</i> , 2021 , 10,	8.9	3
42	Real-time tracking and prediction of COVID-19 infection using digital proxies of population mobility and mixing. <i>Nature Communications</i> , 2021 , 12, 1501	17.4	23
41	Nowcasting epidemics of novel pathogens: lessons from COVID-19. <i>Nature Medicine</i> , 2021 , 27, 388-395	50.5	11
40	Changes in local travel behaviour before and during the COVID-19 pandemic in Hong Kong. <i>Cities</i> , 2021 , 112, 103139	5.6	33
39	Social Contact Patterns and Implications for Infectious Disease Transmission: A Systematic Review and Meta-Analysis of Contact Surveys 2021 ,		1
38	SARS-CoV-2 under an elimination strategy in Hong Kong 2021 ,		3
37	Using Risk Stratification to Optimize Mammography Screening in Chinese Women. <i>JNCI Cancer Spectrum</i> , 2021 , 5, pkab060	4.6	
36	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,	9.7	47
35	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	4.1	1
34	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	22.4	16
33	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,	19.8	395

32	Estimating the transmission advantage of the D614G mutant strain of SARS-CoV-2, December 2019 to June 2020. <i>Eurosurveillance</i> , 2021 , 26,	19.8	8
31	Serological assays for severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), March 2020. <i>Eurosurveillance</i> , 2020 , 25,	19.8	220
30	Modelling COVID-19. <i>Nature Reviews Physics</i> , 2020 , 1-3	23.6	91
29	Harnessing the potential of blood donation archives for influenza surveillance and control. <i>PLoS ONE</i> , 2020 , 15, e0233605	3.7	0
28	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	13.3	36
27	Estimating clinical severity of COVID-19 from the transmission dynamics in Wuhan, China. <i>Nature Medicine</i> , 2020 , 26, 506-510	50.5	766
26	Crowdsourcing data to mitigate epidemics. <i>The Lancet Digital Health</i> , 2020 , 2, e156-e157	14.4	30
25	Early Transmission Dynamics in Wuhan, China, of Novel Coronavirus-Infected Pneumonia. <i>New England Journal of Medicine</i> , 2020 , 382, 1199-1207	59.2	8694
24	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	40	2594
23	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	40	532
22	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,	19.8	246
21	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	40	103
20	The gradual release exit strategy after lockdown against COVID-19. <i>The Lancet Regional Health - Western Pacific</i> , 2020 , 1, 100008	5	3
19	Cost-effectiveness of bivalent versus monovalent vaccines against hand, foot and mouth disease. <i>Clinical Microbiology and Infection</i> , 2020 , 26, 373-380	9.5	5
18	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	3.1	2
17	Monitoring the fitness of antiviral-resistant influenza strains during an epidemic: a mathematical modelling study. <i>Lancet Infectious Diseases, The</i> , 2017 , 17, 339-347	25.5	17
16	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	3.7	20
15	Social contact patterns relevant to the spread of respiratory infectious diseases in Hong Kong. <i>Scientific Reports</i> , 2017 , 7, 7974	4.9	66

14	Routine Pediatric Enterovirus 71 Vaccination in China: a Cost-Effectiveness Analysis. <i>PLoS Medicine</i> , 2016 , 13, e1001975	11.6	29
13	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, 1159-63	7	6
12	The economic burden of influenza-associated outpatient visits and hospitalizations in China: a retrospective survey. <i>Infectious Diseases of Poverty</i> , 2015 , 4, 44	10.4	32
11	Inferring influenza infection attack rate from seroprevalence data. <i>PLoS Pathogens</i> , 2014 , 10, e1004054	7.6	38
10	PCBP2 mediates degradation of the adaptor MAVS via the HECT ubiquitin ligase AIP4. <i>Nature Immunology</i> , 2009 , 10, 1300-8	19.1	233
9	Estimating clinical severity of COVID-19 from the transmission dynamics in Wuhan, China		48
8	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
7	Epidemiological and Clinical Characteristics of Coronavirus Disease 2019 in Shenzhen, the Largest Migrant City of China		11
6	No Detectable Surge in SARS-CoV-2 Transmission due to the April 7, 2020 Wisconsin Election		1
5	Evaluation of a SARS-CoV-2 surrogate virus neutralization test for detection of antibody in human, canine, cat and hamster sera		1
4	Empirical transmission advantage of the D614G mutant strain of SARS-CoV-2		10
3	Real-time tracking and prediction of COVID-19 infection using digital proxies of population mobility and mixing		1
2	Early empirical assessment of the N501Y mutant strains of SARS-CoV-2 in the United Kingdom, October to November 2020		12
1	Waning antibody levels after vaccination with mRNA BNT162b2 and inactivated CoronaVac COVID-19 vaccines in Hong Kong blood donors		1