Maria Litvinova

List of Publications by Year in Descending Order

21 papers	3,771 citations	14 h-index	28 g-index
28 ext. papers	5,193 ext. citations	19.7 avg, IF	5.89 L-index

#	Paper	IF	Citations
21	Model-based evaluation of alternative reactive class closure strategies against COVID-19.. *Nature Communications*, **2022**, 13, 322	17.4	3
20	Cryptic transmission of SARS-CoV-2 and the first COVID-19 wave. *Nature*, **2021**, 600, 127-132	50.4	5
19	Infectivity, susceptibility, and risk factors associated with SARS-CoV-2 transmission under intensive contact tracing in Hunan, China. *Nature Communications*, **2021**, 12, 1533	17.4	53
18	Cryptic transmission of SARS-CoV-2 and the first COVID-19 wave in Europe and the United States **2021**,		1
17	The impact of relaxing interventions on human contact patterns and SARS-CoV-2 transmission in China. *Science Advances*, **2021**, 7,	14.3	20
16	Transmission heterogeneities, kinetics, and controllability of SARS-CoV-2. *Science*, **2021**, 371,	33.3	173
15	Inferring high-resolution human mixing patterns for disease modeling. *Nature Communications*, **2021**, 12, 323	17.4	69
14	The effect of travel restrictions on the spread of the 2019 novel coronavirus (COVID-19) outbreak. *Science*, **2020**, 368, 395-400	33.3	1798
13	Changes in contact patterns shape the dynamics of the COVID-19 outbreak in China. *Science*, **2020**, 368, 1481-1486	33.3	610
12	Evolving epidemiology and transmission dynamics of coronavirus disease 2019 outside Hubei province, China: a descriptive and modelling study. *Lancet Infectious Diseases, The*, **2020**, 20, 793-802	25.5	394
11	Evolving epidemiology of novel coronavirus diseases 2019 and possible interruption of local transmission outside Hubei Province in China: a descriptive and modeling study **2020**,		24
10	Age profile of susceptibility, mixing, and social distancing shape the dynamics of the novel coronavirus disease 2019 outbreak in China **2020**,		29
9	Modeling the impact of social distancing, testing, contact tracing and household quarantine on second-wave scenarios of the COVID-19 epidemic **2020**,		63
8	Estimating the establishment of local transmission and the cryptic phase of the COVID-19 pandemic in the USA **2020**,		7
7	Infectivity, susceptibility, and risk factors associated with SARS-CoV-2 transmission under intensive contact tracing in Hunan, China **2020**,		23
6	The impact of relaxing interventions on human contact patterns and SARS-CoV-2 transmission in China **2020**,		6
5	Transmission heterogeneities, kinetics, and controllability of SARS-CoV-2 **2020**,		11

LIST OF PUBLICATIONS

4	Modelling the impact of testing, contact tracing and household quarantine on second waves of COVID-19. *Nature Human Behaviour*, **2020**, 4, 964-971	12.8	333
3	Reactive school closure weakens the network of social interactions and reduces the spread of influenza. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 13174-13181	11.5	88
2	Estimating contact patterns relevant to the spread of infectious diseases in Russia. *Journal of Theoretical Biology*, **2017**, 419, 1-7	2.3	43
1	Quantifying the importance and location of SARS-CoV-2 transmission events in large metropolitan areas		4