Rob Moss

List of Publications by Year
in descending order

28	559	643344 15	759306 22
papers	citations	h-index	g-index

30	30	30	1008
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Priority allocation of pandemic influenza vaccines in Australia â€“ Recommendations of 3 community juries. Vaccine, 2021, 39, 255-262.	1.7	15
2	Commentary on â€œTransparent modeling of influenza incidenceâ€: Because the model said so. International Journal of Forecasting, 2021, 38, 620-621.	3.9	3
3	Development of an influenza pandemic decision support tool linking situational analytics to national response policy. Epidemics, 2021, 36, 100478.	1.5	4
4	Infectious disease pandemic planning and response: Incorporating decision analysis. PLoS Medicine, 2020, 17, e1003018.	3.9	67
5	Influenza Vaccine Effectiveness Against Influenza-Related Mortality in Australian Hospitalized Patients: A Propensity Score Analysis. Clinical Infectious Diseases, 2020, 72, 99-107.	2.9	7
6	Influencing public health policy with data-informed mathematical models of infectious diseases: Recent developments and new challenges. Epidemics, 2020, 32, 100393.	1.5	31
7	Coordinating the realâ€time use of global influenza activity data for better public health planning. Influenza and Other Respiratory Viruses, 2020, 14, 105-110.	1.5	4
8	What can urban mobility data reveal about the spatial distribution of infection in a single city?. BMC Public Health, 2019, 19, 656.	1.2	18
9	Optimal timing of influenza vaccine during pregnancy: A systematic review and metaâ€analysis. Influenza and Other Respiratory Viruses, 2019, 13, 438-452.	1.5	49
10	Accounting for Healthcare-Seeking Behaviours and Testing Practices in Real-Time Influenza Forecasts. Tropical Medicine and Infectious Disease, 2019, 4, 12.	0.9	26
11	Epidemic forecasts as a tool for public health: interpretation and (re)calibration. Australian and New Zealand Journal of Public Health, 2018, 42, 69-76.	0.8	22
12	Model selection for seasonal influenza forecasting. Infectious Disease Modelling, 2017, 2, 56-70.	1.2	15
13	Retrospective forecasting of the 2010â€“2014 Melbourne influenza seasons using multiple surveillance systems. Epidemiology and Infection, 2017, 145, 156-169.	1.0	25
14	Forecasting influenza outbreak dynamics in Melbourne from Internet search query surveillance data. Influenza and Other Respiratory Viruses, 2016, 10, 314-323.	1.5	40
15	Reducing disease burden in an influenza pandemic by targeted delivery of neuraminidase inhibitors: mathematical models in the Australian context. BMC Infectious Diseases, 2016, 16, 552.	1.3	13
16	Model-Informed Risk Assessment and Decision Making for an Emerging Infectious Disease in the Asia-Pacific Region. PLoS Neglected Tropical Diseases, 2016, 10, e0005018.	1.3	9
17	Innate Immunity and the Inter-exposure Interval Determine the Dynamics of Secondary Influenza Virus Infection and Explain Observed Viral Hierarchies. PLoS Computational Biology, 2015, 11, e1004334.	1.5	50
18	Dominant factors that govern pressure natriuresis in diuresis and antidiuresis: a mathematical model. American Journal of Physiology - Renal Physiology, 2014, 306, F952-F969.	1.3	21

#	Article	IF	Citations
19	Hormonal regulation of salt and water excretion: a mathematical model of whole kidney function and pressure natriuresis. American Journal of Physiology - Renal Physiology, 2014, 306, F224-F248.	1.3	23
20	Virtual Patients and Sensitivity Analysis of the Guyton Model of Blood Pressure Regulation: Towards Individualized Models of Whole-Body Physiology. PLoS Computational Biology, 2012, 8, e1002571.	1.5	23
21	Likely effectiveness of pharmaceutical and non-pharmaceutical interventions for mitigating influenza virus transmission in Mongolia. Bulletin of the World Health Organization, 2012, 90, 264-271.	1.5	23
22	Drivers and consequences of influenza antiviral resistant-strain emergence in a capacity-constrained pandemic response. Epidemics, 2012, 4, 219-226.	1.5	5
23	Diagnosis and Antiviral Intervention Strategies for Mitigating an Influenza Epidemic. PLoS ONE, 2011, 6, e14505.	1.1	19
24	Oral and Poster Manuscripts. Influenza and Other Respiratory Viruses, 2011, 5, 54-442.	1.5	5
25	Integration of detailed modules in a core model of body fluid homeostasis and blood pressure regulation. Progress in Biophysics and Molecular Biology, 2011, 107, 169-182.	1.4	22
26	Discrete network models of interacting nephrons. Physica D: Nonlinear Phenomena, 2009, 238, 2166-2176.	1.3	2
27	The Virtual Kidney: an eScience interface and Grid portal. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2009, 367, 2141-2159.	1.6	9
28	A computational model for emergent dynamics in the kidney. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2009, 367, 2125-2140.	1.6	8