Strategies for mitigating an influenza pandemic

Citation Report

#	Article	IF	Citations
2	Ethics, Pandemic Planning and Communications. Monash Bioethics Review, 2006, 25, 9-18.	0.4	2
3	Disease Mitigation Measures in the Control of Pandemic Influenza. Biosecurity and Bioterrorism, 2006, 4, 366-375.	1.2	78
5	Nonpharmaceutical Influenza Mitigation Strategies, US Communities, 1918–1920 Pandemic. Emerging Infectious Diseases, 2006, 12, 1961-1964.	2.0	98
6	Targeted Social Distancing Designs for Pandemic Influenza. Emerging Infectious Diseases, 2006, 12, 1671-1681.	2.0	433
7	Planning for Avian Influenza. Annals of Internal Medicine, 2006, 145, 141.	2.0	59
8	Key transmission parameters of an institutional outbreak during the 1918 influenza pandemic estimated by mathematical modelling. Theoretical Biology and Medical Modelling, 2006, 3, 38.	2.1	45
9	Antiviral agents active against influenza A viruses. Nature Reviews Drug Discovery, 2006, 5, 1015-1025.	21.5	586
10	Potential benefits and limitations of various strategies to mitigate the impact of an influenza pandemic. Journal of Infection and Chemotherapy, 2006, 12, 167-171.	0.8	43
11	A 'small-world-like' model for comparing interventions aimed at preventing and controlling influenza pandemics. BMC Medicine, 2006, 4, 26.	2.3	88
12	Strategies for containing an influenza pandemic. , 2006, , .		2
13	Antiviral Effects on Influenza Viral Transmission and Pathogenicity: Observations from Household-based Trials. American Journal of Epidemiology, 2006, 165, 212-221.	1.6	130
14	Air Travel and the Spread of Influenza: Authors' Reply. PLoS Medicine, 2006, 3, e502.	3.9	3
15	Reducing the Impact of the Next Influenza Pandemic Using Household-Based Public Health Interventions. PLoS Medicine, 2006, 3, e361.	3.9	208
16	Empirical Evidence for the Effect of Airline Travel on Inter-Regional Influenza Spread in the United States. PLoS Medicine, 2006, 3, e401.	3.9	221
17	Priority Setting for Pandemic Influenza: An Analysis of National Preparedness Plans. PLoS Medicine, 2006, 3, e436.	3.9	77
18	Air Travel and the Spread of Influenza: Important Caveats. PLoS Medicine, 2006, 3, e503.	3.9	48
19	Use of neuraminidase inhibitors to combat pandemic influenza. Journal of Antimicrobial Chemotherapy, 2006, 58, 911-915.	1.3	23
20	Strategies for containing an influenza pandemic: the case of Italy. , 2006, , .		1

#	ARTICLE	IF	CITATIONS
21	How generation intervals shape the relationship between growth rates and reproductive numbers. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 599-604.	1.2	1,045
22	Challenges to Global Surveillance and Response to Infectious Disease Outbreaks of International Importance. Biosecurity and Bioterrorism, 2007, 5, 206-227.	1.2	58
23	A stochastic equation-based model of the value Of international air-travel restrictions for controlling pandemic flu. , 2007, , .		5
24	The effect of public health measures on the 1918 influenza pandemic in U.S. cities. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7588-7593.	3.3	627
25	Can Immunity Induced by the Human Influenza Virus N1 Neuraminidase Provide Some Protection from Avian Influenza H5N1 Viruses?. PLoS Medicine, 2007, 4, e91.	3.9	32
26	Neuraminidase Inhibitor Resistance in Influenza: Assessing the Danger of Its Generation and Spread. PLoS Computational Biology, 2007, 3, e240.	1.5	121
27	Influenza Pandemic Vaccines: Spread Them Thin?. PLoS Medicine, 2007, 4, e228.	3.9	0
28	Progress and shortcomings in European national strategic plans for pandemic influenza. Bulletin of the World Health Organization, 2007, 85, 923-929.	1.5	41
29	Modeling the Worldwide Spread of Pandemic Influenza: Baseline Case and Containment Interventions. PLoS Medicine, 2007, 4, e13.	3.9	572
30	Antiviral Resistance and the Control of Pandemic Influenza. PLoS Medicine, 2007, 4, e15.	3.9	182
31	Vaccines for a potential influenza pandemic. Future Microbiology, 2007, 2, 345-349.	1.0	3
32	College and University Planning for Pandemic Influenza: A Survey of Philadelphia Schools. Biosecurity and Bioterrorism, 2007, 5, 249-254.	1.2	4
33	Large-Scale Spatial-Transmission Models of Infectious Disease. Science, 2007, 316, 1298-1301.	6.0	502
34	Spatial considerations for the allocation of pre-pandemic influenza vaccination in the United States. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 2811-2817.	1.2	44
35	What is the best control strategy for multiple infectious disease outbreaks?. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 833-837.	1.2	86
36	Emergence of drug resistance: implications for antiviral control of pandemic influenza. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 1675-1684.	1.2	75
37	Analyzing Pathogen Transmission in the Dialysis Unit. Clinical Journal of the American Society of Nephrology: CJASN, 2007, 2, 1176-1185.	2.2	11
38	Detecting Robust Patterns in the Spread of Epidemics: A Case Study of Influenza in the United States and France. American Journal of Epidemiology, 2007, 166, 1244-1251.	1.6	46

#	Article	IF	Citations
39	Bird flu: if or when? Planning for the next pandemic. Postgraduate Medical Journal, 2007, 83, 445-450.	0.9	16
40	Nonpharmaceutical Interventions Implemented by US Cities During the 1918-1919 Influenza Pandemic. JAMA - Journal of the American Medical Association, 2007, 298, 644.	3.8	604
42	Preparing for the next flu pandemic. BMJ: British Medical Journal, 2007, 334, 268-269.	2.4	5
44	How Much Would Closing Schools Reduce Transmission During an Influenza Pandemic?. Epidemiology, 2007, 18, 623-628.	1.2	47
45	Avian Influenza H5N1: Risks at the Human–Animal Interface. Food and Nutrition Bulletin, 2007, 28, S357-S363.	0.5	24
46	Comprehensive Mathematical Modeling in Drug Addiction Sciences. Drug and Alcohol Dependence, 2007, 89, 102-106.	1.6	12
47	The perpetuation and epidemic recurrence of communicable diseases in human populations. Comptes Rendus - Biologies, 2007, 330, 356-363.	0.1	4
49	Antigen sparing and cross-reactive immunity with an adjuvanted rH5N1 prototype pandemic influenza vaccine: a randomised controlled trial. Lancet, The, 2007, 370, 580-589.	6.3	474
50	Efficacy of trivalent, cold-adapted, influenza virus vaccine against influenza A (Fujian), a drift variant, during 2003–2004. Vaccine, 2007, 25, 4038-4045.	1.7	48
51	Avian Influenza Virus (H5N1): a Threat to Human Health. Clinical Microbiology Reviews, 2007, 20, 243-267.	5.7	802
52	The Genesis and Spread of Reassortment Human Influenza A/H3N2 Viruses Conferring Adamantane Resistance. Molecular Biology and Evolution, 2007, 24, 1811-1820.	3.5	174
54	Simulating Pandemic Influenza Risks Of Us Cities. , 2007, , .		5
55	A Hybrid Epidemic Model: Combining The Advantages Of Agent-Based And Equation-Based Approaches. , 2007, , .		64
56	Visual analytics of spatial interaction patterns for pandemic decision support. International Journal of Geographical Information Science, 2007, 21, 859-877.	2.2	119
57	Avian Influenza: Are We Ready?. Critical Care Nursing Clinics of North America, 2007, 19, 107-113.	0.4	4
58	Ecological Origins of Novel Human Pathogens. Critical Reviews in Microbiology, 2007, 33, 231-242.	2.7	304
59	Comparative estimation of the reproduction number for pandemic influenza from daily case notification data. Journal of the Royal Society Interface, 2007, 4, 155-166.	1.5	279
60	A model for the spread and control of pandemic influenza in an isolated geographical region. Journal of the Royal Society Interface, 2007, 4, 325-330.	1.5	40

#	ARTICLE	IF	CITATIONS
61	Assessing the role of basic control measures, antivirals and vaccine in curtailing pandemic influenza: scenarios for the US, UK and the Netherlands. Journal of the Royal Society Interface, 2007, 4, 505-521.	1.5	94
62	The impact of prophylaxis of healthcare workers on influenza pandemic burden. Journal of the Royal Society Interface, 2007, 4, 727-734.	1.5	14
63	Transmissibility of swine flu at Fort Dix, 1976. Journal of the Royal Society Interface, 2007, 4, 755-762.	1.5	45
64	The effect of population structure on the emergence of drug resistance during influenza pandemics. Journal of the Royal Society Interface, 2007, 4, 893-906.	1.5	54
65	Estimating Individual and Household Reproduction Numbers in an Emerging Epidemic. PLoS ONE, 2007, 2, e758.	1.1	393
66	A Biological Model for Influenza Transmission: Pandemic Planning Implications of Asymptomatic Infection and Immunity. PLoS ONE, 2007, 2, e1220.	1.1	76
67	Effects of Internal Border Control on Spread of Pandemic Influenza. Emerging Infectious Diseases, 2007, 13, 1038-1045.	2.0	11
68	Pandemic Influenza and Hospital Resources. Emerging Infectious Diseases, 2007, 13, 1714-1719.	2.0	40
69	Potential Risks Associated with the Proposed Widespread Use of Tamiflu. Environmental Health Perspectives, 2007, 115, 102-106.	2.8	97
70	Frequent Travelers and Rate of Spread of Epidemics. Emerging Infectious Diseases, 2007, 13, 1288-1294.	2.0	70
71	Design and synthesis of bioactive adamantane spiro heterocycles. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 4358-4362.	1.0	90
72	Stochastic model of an influenza epidemic with drug resistance. Journal of Theoretical Biology, 2007, 248, 179-193.	0.8	33
73	The influenza pandemic preparedness planning tool InfluSim. BMC Infectious Diseases, 2007, 7, 17.	1.3	61
74	Influenza pandemic intervention planning using InfluSim: pharmaceutical and non- pharmaceutical interventions. BMC Infectious Diseases, 2007, 7, 76.	1.3	35
75	Time variations in the transmissibility of pandemic influenza in Prussia, Germany, from 1918–19. Theoretical Biology and Medical Modelling, 2007, 4, 20.	2.1	67
76	The evolution of epidemic influenza. Nature Reviews Genetics, 2007, 8, 196-205.	7.7	462
77	Antivirals for the treatment and prevention of epidemic and pandemic influenza. Influenza and Other Respiratory Viruses, 2007, 1, 27-34.	1.5	30
78	Model answers or trivial pursuits? The role of mathematical models in influenza pandemic preparedness planning. Influenza and Other Respiratory Viruses, 2007, 1, 43-54.	1.5	18

#	Article	IF	Citations
79	Cross-neutralisation of antibodies elicited by an inactivated split-virion influenza A/Vietnam/1194/2004 (H5N1) vaccine in healthy adults against H5N1 clade 2 strains. Influenza and Other Respiratory Viruses, 2007, 1, 199-206.	1.5	12
80	Prioritization strategies for pandemic influenza vaccine in 27 countries of the European Union and the Global Health Security Action Group: a review. BMC Public Health, 2007, 7, 236.	1.2	39
81	Avian influenza and the threat of the next human pandemic. Journal of Hospital Infection, 2007, 65, 10-13.	1.4	8
82	Evidence-based modeling of critical illness: an initial consensus from the Society for Complexity in Acute Illness. Journal of Critical Care, 2007, 22, 77-84.	1.0	54
83	Influenza Pandemics in Singapore, a Tropical, Globally Connected City. Emerging Infectious Diseases, 2007, 13, 1052-1057.	2.0	60
84	Impact of Travel Between Patches for Spatial Spread of Disease. Bulletin of Mathematical Biology, 2007, 69, 1355-1375.	0.9	71
85	Quantifying the transmission potential of pandemic influenza. Physics of Life Reviews, 2008, 5, 50-77.	1.5	48
86	Deterministic epidemiological models at the individual level. Journal of Mathematical Biology, 2008, 57, 311-331.	0.8	66
87	Preparedness for the Spread of Influenza: Prohibition of Traffic, School Closure, and Vaccination of Children in the Commuter Towns of Tokyo. Journal of Urban Health, 2008, 85, 619-635.	1.8	21
88	A Delay Differential Model for Pandemic Influenza with Antiviral Treatment. Bulletin of Mathematical Biology, 2008, 70, 382-397.	0.9	57
89	Whatever happened to bird flu?. Reviews in Medical Virology, 2008, 18, 1-3.	3.9	5
90	Coinfection can trigger multiple pandemic waves. Journal of Theoretical Biology, 2008, 254, 499-507.	0.8	46
91	Using influenza-like illness data to reconstruct an influenza outbreak. Mathematical and Computer Modelling, 2008, 48, 929-939.	2.0	22
92	Collecting social contact data in the context of disease transmission: Prospective and retrospective study designs. Social Networks, 2008, 30, 127-135.	1.3	54
93	Pandemic H5N1 influenza vaccine development: an update. Expert Review of Vaccines, 2008, 7, 241-247.	2.0	44
94	Design and synthesis of bioactive 1,2-annulated adamantane derivatives. Organic and Biomolecular Chemistry, 2008, 6, 3177.	1.5	35
96	Estimating the impact of school closure on influenza transmission from Sentinel data. Nature, 2008, 452, 750-754.	13.7	577
97	Mathematical models of infectious disease transmission. Nature Reviews Microbiology, 2008, 6, 477-487.	13.6	527

#	ARTICLE	IF	CITATIONS
98	Willingness to volunteer during an influenza pandemic: perspectives from students and staff at a large Canadian university. Influenza and Other Respiratory Viruses, 2008, 2, 71-79.	1.5	38
99	A vaccine manufacturer's approach to address medical needs related to seasonal and pandemic influenza viruses. Influenza and Other Respiratory Viruses, 2008, 2, 251-260.	1.5	38
100	Influenza A/H5N1 infection: Other treatment options and issues. Respirology, 2008, 13, S22-S26.	1.3	14
101	The Model Repository of the Models of Infectious Disease Agent Study. IEEE Transactions on Information Technology in Biomedicine, 2008, 12, 513-522.	3.6	6
102	Estimating the costs of school closure for mitigating an influenza pandemic. BMC Public Health, 2008, 8, 135.	1.2	132
103	Social contact networks for the spread of pandemic influenza in children and teenagers. BMC Public Health, 2008, 8, 61.	1.2	161
104	Pandemic and seasonal influenza: therapeutic challenges. Drug Discovery Today, 2008, 13, 590-595.	3.2	49
105	Rapid molecular detection of the H275Y oseltamivir resistance gene mutation in circulating influenza A (H1N1) viruses. Journal of Virological Methods, 2008, 153, 257-262.	1.0	36
106	Modelling disease spread through random and regular contacts in clustered populations. Theoretical Population Biology, 2008, 73, 104-111.	0.5	92
107	Responding to bird influenza: Past, present and future. Travel Medicine and Infectious Disease, 2008, 6, 190-194.	1.5	1
108	Virtual epidemic in a virtual city: simulating the spread of influenza in a US metropolitan area. Translational Research, 2008, 151, 275-287.	2.2	28
109	The virtue of virtuality: the promise of agent-based epidemic modeling. Translational Research, 2008, 151, 273-274.	2.2	8
110	Individual space–time activity-based modelling of infectious disease transmission within a city. Journal of the Royal Society Interface, 2008, 5, 759-772.	1.5	39
111	Dynamic social networks and the implications for the spread of infectious disease. Journal of the Royal Society Interface, 2008, 5, 1001-1007.	1.5	302
112	Mathematical Epidemiology. Lecture Notes in Mathematics, 2008, , .	0.1	387
114	Animal models in influenza vaccine testing. Expert Review of Vaccines, 2008, 7, 783-793.	2.0	87
115	Human population, urban settlement patterns and their impact on Plasmodium falciparum malaria endemicity. Malaria Journal, 2008, 7, 218.	0.8	61
116	Deterministic epidemic models with explicit household structure. Mathematical Biosciences, 2008, 213, 29-39.	0.9	70

#	Article	IF	Citations
117	A simple explanation for the low impact of border control as a countermeasure to the spread of an infectious disease. Mathematical Biosciences, 2008, 214, 70-72.	0.9	64
118	A new SEIR epidemic model with applications to the theory of eradication and control of diseases, and to the calculation of. Mathematical Biosciences, 2008, 215, 84-104.	0.9	38
119	Finding optimal vaccination strategies under parameter uncertainty using stochastic programming. Mathematical Biosciences, 2008, 215, 144-151.	0.9	66
120	The state-reproduction number for a multistate class age structured epidemic system and its application to the asymptomatic transmission model. Mathematical Biosciences, 2008, 216, 77-89.	0.9	41
121	Oseltamivir (Tamiflu®) increases dopamine levels in the rat medial prefrontal cortex. Neuroscience Letters, 2008, 438, 67-69.	1.0	41
122	Pandemic influenza forecasting: Does past performance indicate future performance?. American Journal of Infection Control, 2008, 36, 466-467.	1.1	0
123	Patient knowledge and attitudes about avian influenza in an internal medicine clinic. Public Health, 2008, 122, 462-470.	1.4	18
124	Optimal allocation of pandemic influenza vaccine depends on age, risk and timing. Vaccine, 2008, 26, 3742-3749.	1.7	90
125	The pandemic influenza vaccine challenge. Vaccine, 2008, 26, D3-D4.	1.7	11
126	Influenza vaccine supply: Building long-term sustainability. Vaccine, 2008, 26, D23-D26.	1.7	14
127	The economic impact of SARS: How does the reality match the predictions?. Health Policy, 2008, 88, 110-120.	1.4	240
128	Antivirals for Influenza: Novel Agents and Approaches. , 2008, , 179-192.		1
129	Stockpiling prepandemic influenza vaccines: a new cornerstone of pandemic preparedness plans. Lancet Infectious Diseases, The, 2008, 8, 650-658.	4.6	138
131	Money Circulation, Trackable Items, and the Emergence of Universal Human Mobility Patterns. IEEE Pervasive Computing, 2008, 7, 28-35.	1.1	57
132	Parallel simulation of the global epidemiology of Avian Influenza. , 2008, , .		8
133	EpiSimdemics: An efficient algorithm for simulating the spread of infectious disease over large realistic social networks. , 2008, , .		130
134	Pandemic influenza response. , 2008, , .		16
136	Implementable MSE-optimal dynamic partial-overlapping batch means estimators for steady-state simulations. , 2008, , .		5

#	Article	IF	Citations
137	Prioritization of Influenza Pandemic Vaccination to Minimize Years of Life Lost. Journal of Infectious Diseases, 2008, 198, 305-311.	1.9	60
138	From Waste to Value in Health Care. JAMA - Journal of the American Medical Association, 2008, 299, 568.	3.8	38
139	Time Lines of Infection and Disease in Human Influenza: A Review of Volunteer Challenge Studies. American Journal of Epidemiology, 2008, 167, 775-785.	1.6	927
140	Modeling vaccination campaigns and the Fall/Winter 2009 activity of the new A(H1N1) influenza in the Northern Hemisphere. Emerging Health Threats Journal, 2008, 2, e11.	3.0	15
141	Comparing Nose-Throat Swabs and Nasopharyngeal Aspirates Collected From Children With Symptoms for Respiratory Virus Identification Using Real-Time Polymerase Chain Reaction. Pediatrics, 2008, 122, e615-e620.	1.0	145
142	Children, avian influenza H5N1 and preparing for the next pandemic. Archives of Disease in Childhood, 2008, 93, 433-438.	1.0	11
143	The Current Status of Planning for Pandemic Influenza and Implications for Health Care Planning in the United States. Clinical Infectious Diseases, 2008, 46, 919-925.	2.9	24
144	The Geographical Spread of Avian Influenza A (H5N1): Panzootic Transmission (December 2003â€"May) Tj ETQq1 1 0.784314 rgBT /Ov 98, 553-582.	3.0	21
145	Evaluating the effectiveness of antiviral treatment in models for influenza pandemic. Mathematical Medicine and Biology, 2008, 25, 359-372.	0.8	0
146	Social Contacts and Mixing Patterns Relevant to the Spread of Infectious Diseases. PLoS Medicine, 2008, 5, e74.	3.9	2,355
147	Epidemiologic Characterization of the 1918 Influenza Pandemic Summer Wave in Copenhagen: Implications for Pandemic Control Strategies. Journal of Infectious Diseases, 2008, 197, 270-278.	1.9	207
148	Pandemic Influenza Preparedness and Community Resiliency. JAMA - Journal of the American Medical Association, 2008, 299, 566.	3.8	12
149	Protecting residential care facilities from pandemic influenza. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 10625-10630.	3.3	35
150	The 1918â€"1919 influenza pandemic in England and Wales: spatial patterns in transmissibility and mortality impact. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 501-509.	1.2	136
151	Modeling targeted layered containment of an influenza pandemic in the United States. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4639-4644.	3.3	570
152	Household Responses to School Closure Resulting from Outbreak of Influenza B, North Carolina. Emerging Infectious Diseases, 2008, 14, 1024-30.	2.0	73
153	Antigenically Distinct MF59-Adjuvanted Vaccine to Boost Immunity to H5N1. New England Journal of Medicine, 2008, 359, 1631-1633.	13.9	100
154	Simulating pandemic influenza preparedness plans for a public university: A hierarchical system dynamics approach. , 2008, , .		4

#	ARTICLE	IF	CITATIONS
155	Scenarios of diffusion and control of an influenza pandemic in Italy. Epidemiology and Infection, 2008, 136, 1650-1657.	1.0	19
156	Analyses of the 1957 (Asian) influenza pandemic in the United Kingdom and the impact of school closures. Epidemiology and Infection, 2008, 136, 166-179.	1.0	97
157	Parvovirus B19 infection in five European countries: seroepidemiology, force of infection and maternal risk of infection. Epidemiology and Infection, 2008, 136, 1059-1068.	1.0	109
158	Social contacts of school children and the transmission of respiratory-spread pathogens. Epidemiology and Infection, 2008, 136, 813-822.	1.0	124
159	Effectiveness of Closure of Public Places with Time Delay in Disease Control. Journal of Integrative Bioinformatics, 2008, 5, .	1.0	0
160	Spatial and Temporal Dynamics of Influenza Outbreaks. Epidemiology, 2008, 19, 824-828.	1.2	26
161	A Crisis. Journal of Nursing Care Quality, 2008, 23, 177-183.	0.5	15
162	Public Response to Community Mitigation Measures for Pandemic Influenza. Emerging Infectious Diseases, 2008, 14, 778-786.	2.0	170
164	Does the Effectiveness of Control Measures Depend on the Influenza Pandemic Profile?. PLoS ONE, 2008, 3, e1478.	1.1	19
165	The Impact of the Unstructured Contacts Component in Influenza Pandemic Modeling. PLoS ONE, 2008, 3, e1519.	1.1	21
166	Mitigation Measures for Pandemic Influenza in Italy: An Individual Based Model Considering Different Scenarios. PLoS ONE, 2008, 3, e1790.	1.1	143
167	Effective, Robust Design of Community Mitigation for Pandemic Influenza: A Systematic Examination of Proposed US Guidance. PLoS ONE, 2008, 3, e2606.	1.1	53
168	A Small Community Model for the Transmission of Infectious Diseases: Comparison of School Closure as an Intervention in Individual-Based Models of an Influenza Pandemic. PLoS ONE, 2008, 3, e4005.	1.1	136
169	Cost-effectiveness of Antiviral Stockpiling and Near-Patient Testing for Potential Influenza Pandemic. Emerging Infectious Diseases, 2008, 14, 267-274.	2.0	64
170	Rescinding Community Mitigation Strategies in an Influenza Pandemic. Emerging Infectious Diseases, 2008, 14, 365-372.	2.0	25
171	Mathematical Assessment of Canada's Pandemic Influenza Preparedness Plan. Canadian Journal of Infectious Diseases and Medical Microbiology, 2008, 19, 185-192.	0.7	11
172	Preparing for an influenza pandemic: healthcare workers' opinions on working during a pandemic. Healthcare Infection, 2008, 13, 95-99.	0.6	5
173	Major Issues and Challenges of Influenza Pandemic Preparedness in Developing Countries. Emerging Infectious Diseases, 2008, 14, 875-880.	2.0	151

#	ARTICLE	IF	CITATIONS
174	Pandemic Influenza Planning in the United States from a Health Disparities Perspective. Emerging Infectious Diseases, 2008, 14, 709-715.	2.0	199
175	Infectious Disease Modeling. , 2008, , 569-576.		0
176	Understanding Australia's influenza pandemic policy on the strategic use of the antiviral drug stockpile. Medical Journal of Australia, 2009, 191, 136-137.	0.8	7
177	Emerging Infectious Diseases: Concepts in Preparing for and Responding to the Next Microbial Threat. , 0, , 75-102.		2
179	Influenza. Deutsches A&#x0308;rzteblatt International, 2009, 106, 777-82.	0.6	7
180	Modeling vaccination campaigns and the Fall/Winter 2009 activity of the new A(H1N) influenza in the Northern Hemisphere. Emerging Health Threats Journal, 2009, 2, 7093.	3.0	11
182	MF59Â®-Adjuvanted H5N1 Vaccine Induces Immunologic Memory and Heterotypic Antibody Responses in Non-Elderly and Elderly Adults. PLoS ONE, 2009, 4, e4384.	1.1	165
183	Adaptive Vaccination Strategies to Mitigate Pandemic Influenza: Mexico as a Case Study. PLoS ONE, 2009, 4, e8164.	1.1	60
184	The Pandemic Influenza Policy Model: A Planning Tool for Military Public Health Officials. Military Medicine, 2009, 174, 557-565.	0.4	6
185	Key node selection for containing infectious disease spread using particle swarm optimization. , 2009, , .		10
186	Fast rise of broadly cross-reactive antibodies after boosting long-lived human memory B cells primed by an MF59 adjuvanted prepandemic vaccine. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7962-7967.	3.3	242
187	Implications of vaccination and waning immunity. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 2071-2080.	1.2	89
188	EpiFast. , 2009, , .		118
189	A pandemic influenza simulation model for preparedness planning. , 2009, , .		12
190	REVISIT THE DYNAMIC-BATCH-MEANS ESTIMATOR. Journal of the Chinese Institute of Industrial Engineers, 2009, 26, 499-509.	0.5	2
191	Pandemic Potential of a Strain of Influenza A (H1N1): Early Findings. Science, 2009, 324, 1557-1561.	6.0	1,665
192	Cross-Reactive Immunity to Clade 2 Strains of Influenza Virus A Subtype H5N1 Induced in Adults and Elderly Patients by Fluval, a Prototype Pandemic Influenza Virus Vaccine Derived by Reverse Genetics, Formulated with a Phosphate Adjuvant, and Directed to Clade 1 Strains. Vaccine Journal, 2009, 16, 437-443.	3.2	19
193	Quantifying the Impact of Immune Escape on Transmission Dynamics of Influenza. Science, 2009, 326, 726-728.	6.0	96

#	ARTICLE	IF	CITATIONS
194	Neuraminidase Inhibitor Resistance after Oseltamivir Treatment of Acute Influenza A and B in Children. Clinical Infectious Diseases, 2009, 48, 389-396.	2.9	160
195	Influenza A (H1N1) pandemic: true or false alarm. Journal of Epidemiology and Community Health, 2009, 63, 775-776.	2.0	5
196	Association Between School Closure and Subsequent Absenteeism During a Seasonal Influenza Epidemic. Epidemiology, 2009, 20, 787-792.	1.2	26
197	Estimation of the Serial Interval of Influenza. Epidemiology, 2009, 20, 344-347.	1.2	168
198	The economy-wide impact of pandemic influenza on the UK: a computable general equilibrium modelling experiment. BMJ: British Medical Journal, 2009, 339, b4571-b4571.	2.4	159
199	Mitigation of pandemic influenza: review of cost–effectiveness studies. Expert Review of Pharmacoeconomics and Outcomes Research, 2009, 9, 547-558.	0.7	28
200	SCC*mec* Typing in Methicillin-Resistant *Staphylococcus aureus* Strains of Animal Origin. Emerging Infectious Diseases, 2009, 15, 135b-136.	2.0	0
201	Nurses' Contacts and Potential for Infectious Disease Transmission. Emerging Infectious Diseases, 2009, 15, 1438-1444.	2.0	50
202	School Closure to Reduce Influenza Transmission. Emerging Infectious Diseases, 2009, 15, 137-138.	2.0	28
203	Investment decisions in influenza pandemic contingency planning: cost-effectiveness of stockpiling antiviral drugs. European Journal of Public Health, 2009, 19, 516-520.	0.1	26
204	Hedging against Antiviral Resistance during the Next Influenza Pandemic Using Small Stockpiles of an Alternative Chemotherapy. PLoS Medicine, 2009, 6, e1000085.	3.9	72
205	Controlling infectious disease outbreaks: Lessons from mathematical modelling. Journal of Public Health Policy, 2009, 30, 328-341.	1.0	32
206	The Severity of Pandemic H1N1 Influenza in the United States, from April to July 2009: A Bayesian Analysis. PLoS Medicine, 2009, 6, e1000207.	3.9	262
207	Trial of 2009 Influenza A (H1N1) Monovalent MF59-Adjuvanted Vaccine. New England Journal of Medicine, 2009, 361, 2424-2435.	13.9	430
208	Closing The Schools: Lessons From The 1918–19 U.S. Influenza Pandemic. Health Affairs, 2009, 28, w1066-w1078.	2.5	36
209	Mathematical modelling of infectious diseases. British Medical Bulletin, 2009, 92, 33-42.	2.7	131
210	Threshold parameters for a model of epidemic spread among households and workplaces. Journal of the Royal Society Interface, 2009, 6, 979-987.	1.5	44
211	Adjuvanted H5N1 vaccine induces early CD4$^+$ T cell response that predicts long-term persistence of protective antibody levels. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3877-3882.	3.3	242

#	Article	IF	Citations
212	A Cell Culture (Vero)â€"Derived H5N1 Wholeâ€'Virus Vaccine Induces Crossâ€'Reactive Memory Responses. Journal of Infectious Diseases, 2009, 200, 1113-1118.	1.9	48
213	Evaluation of Vaccines for H5N1 Influenza Virus in Ferrets Reveals the Potential for Protective Single-Shot Immunization. Journal of Virology, 2009, 83, 7770-7778.	1.5	48
214	Mathematical prediction in infection. Medicine, 2009, 37, 507-509.	0.2	4
215	Controlling the novel A (H1N1) influenza virus: don't touch your face!. Journal of Hospital Infection, 2009, 73, 280-281.	1.4	52
216	Simulation suggests that rapid activation of social distancing can arrest epidemic development due to a novel strain of influenza. BMC Public Health, 2009, 9, 117.	1.2	193
217	Quantifying the impact of community quarantine on SARS transmission in Ontario: estimation of secondary case count difference and number needed to quarantine. BMC Public Health, 2009, 9, 488.	1.2	15
218	Mathematical epidemiology is not an oxymoron. BMC Public Health, 2009, 9, S2.	1.2	28
219	Modeling influenza epidemics and pandemics: insights into the future of swine flu (H1N1). BMC Medicine, 2009, 7, 30.	2.3	266
220	Modelling the progression of pandemic influenza A (H1N1) in Vietnam and the opportunities for reassortment with other influenza viruses. BMC Medicine, 2009, 7, 43.	2.3	26
221	Seasonal transmission potential and activity peaks of the new influenza A(H1N1): a Monte Carlo likelihood analysis based on human mobility. BMC Medicine, 2009, 7, 45.	2.3	299
222	Combination strategies for pandemic influenza response - a systematic review of mathematical modeling studies. BMC Medicine, 2009, 7, 76.	2.3	74
223	The influence of the multi-basic cleavage site of the H5 hemagglutinin on the attenuation, immunogenicity and efficacy of a live attenuated influenza A H5N1 cold-adapted vaccine virus. Virology, 2009, 395, 280-288.	1.1	25
224	Organization of a Third-level Care Hospital in Mexico City during the 2009 Influenza Epidemic. Archives of Medical Research, 2009, 40, 681-686.	1.5	1
225	Household Epidemics: Modelling Effects of Early Stage Vaccination. Biometrical Journal, 2009, 51, 408-419.	0.6	5
226	Antiviral resistance and the control of pandemic influenza: The roles of stochasticity, evolution and model details. Journal of Theoretical Biology, 2009, 256, 117-125.	0.8	41
227	Lay perceptions of the pandemic influenza threat. European Journal of Epidemiology, 2009, 24, 339-342.	2.5	61
228	Codon volatility of hemagglutinin genes of H5N1 avian influenza viruses from different clades. Virus Genes, 2009, 38, 404-407.	0.7	6
229	A Motif-Based Approach to Network Epidemics. Bulletin of Mathematical Biology, 2009, 71, 1693-1706.	0.9	48

#	ARTICLE	IF	CITATIONS
230	A swine of a pandemic. Reviews in Medical Virology, 2009, 19, 253-256.	3.9	2
231	Age-prioritized use of antivirals during an influenza pandemic. BMC Infectious Diseases, 2009, 9, 117.	1.3	27
232	Estimating the impact of school closure on social mixing behaviour and the transmission of close contact infections in eight European countries. BMC Infectious Diseases, 2009, 9, 187.	1.3	182
233	Quarantine for pandemic influenza control at the borders of small island nations. BMC Infectious Diseases, 2009, 9, 27.	1.3	52
234	Antiviral resistance during pandemic influenza: implications for stockpiling and drug use. BMC Infectious Diseases, 2009, 9, 8.	1.3	33
235	Models of epidemics: when contact repetition and clustering should be included. Theoretical Biology and Medical Modelling, 2009, 6, 11.	2.1	94
236	A mechanistic model of infection: why duration and intensity of contacts should be included in models of disease spread. Theoretical Biology and Medical Modelling, 2009, 6, 25.	2.1	102
237	HPABM: A Hierarchical Parallel Simulation Framework for Spatially‐explicit Agent‐based Models. Transactions in GIS, 2009, 13, 315-333.	1.0	47
238	A cell‐based H7N1 split influenza virion vaccine confers protection in mouse and ferret challenge models. Influenza and Other Respiratory Viruses, 2009, 3, 107-117.	1.5	33
239	National pandemic influenza preparedness planning. Influenza and Other Respiratory Viruses, 2009, 3, 189-196.	1.5	25
240	Assessing Infection Control Measures for Pandemic Influenza. Risk Analysis, 2009, 29, 949-962.	1.5	37
241	Economic Evaluation of Influenza Pandemic Mitigation Strategies in the United States Using a Stochastic Microsimulation Transmission Model. Value in Health, 2009, 12, 226-233.	0.1	113
242	Modeling and analysis of global epidemiology of avian influenza. Environmental Modelling and Software, 2009, 24, 124-134.	1.9	43
243	Avian flu pandemic: Can we prevent it?. Journal of Theoretical Biology, 2009, 257, 181-190.	0.8	48
244	An individual-based model of hepatitis A transmission. Journal of Theoretical Biology, 2009, 259, 478-488.	0.8	27
245	Spontaneous behavioural changes in response to epidemics. Journal of Theoretical Biology, 2009, 260, 31-40.	0.8	127
246	Integrating scientific modeling and supporting dynamic hazard management with a GeoAgent-based representation of human–environment interactions: A drought example in Central Pennsylvania, USA. Environmental Modelling and Software, 2009, 24, 1501-1512.	1.9	10
247	Design and synthesis of 1,2-annulated adamantane piperidines with anti-influenza virus activity. Bioorganic and Medicinal Chemistry, 2009, 17, 1534-1541.	1.4	44

#	Article	IF	Citations
248	Impact of travel patterns on epidemic dynamics in heterogeneous spatial metapopulation networks. Physical Review E, 2009, 79, 016111.	0.8	54
249	Predicting the Behavior of Techno-Social Systems. Science, 2009, 325, 425-428.	6.0	404
250	Evaluation of national pandemic management policiesâ€"A hazard analysis of critical control points approach. Health Policy, 2009, 92, 21-26.	1.4	15
251	Emerging antiviral targets for influenza A virus. Trends in Pharmacological Sciences, 2009, 30, 269-277.	4.0	85
252	Single dose vaccination with AS03-adjuvanted H5N1 vaccines in a randomized trial induces strong and broad immune responsiveness to booster vaccination in adults. Vaccine, 2009, 27, 6284-6290.	1.7	111
253	A phase I clinical trial of a PER.C6Â® cell grown influenza H7 virus vaccine. Vaccine, 2009, 27, 1889-1897.	1.7	136
254	Vaccine production capacity for seasonal and pandemic (H1N1) 2009 influenza. Vaccine, 2009, 27, 5184-5186.	1.7	115
255	Immunogenicity and tolerability of an AS03A-adjuvanted prepandemic influenza vaccine: A phase III study in a large population of Asian adults. Vaccine, 2009, 27, 7428-7435.	1.7	83
256	Epidemic modelling: Aspects where stochasticity matters. Mathematical Biosciences, 2009, 222, 109-116.	0.9	53
257	Strengthening the diagnostic capacity to detect Bio Safety Level 3 organisms in unusual respiratory viral outbreaks. Journal of Clinical Virology, 2009, 45, 185-190.	1.6	11
258	Influenza A (H5N1) pandemic prototype vaccine Fluval^{Â®}. Expert Review of Vaccines, 2009, 8, 619-624.	2.0	5
259	Epidemic prediction and control in weighted networks. Epidemics, 2009, 1, 70-76.	1.5	61
260	Intervention strategies for an influenza pandemic taking into account secondary bacterial infections. Epidemics, 2009, 1, 185-195.	1.5	31
261	The role of routine versus random movements on the spread of disease in Great Britain. Epidemics, 2009, 1, 250-258.	1.5	41
262	The medical literature and the discipline of infection control. Journal of Infection and Public Health, 2009, 2, 53-54.	1.9	0
263	Current status and progress of prepandemic and pandemic influenza vaccine development. Expert Review of Vaccines, 2009, 8, 401-423.	2.0	62
264	Progress with human H5N1 vaccines: a perspective from industry. Expert Review of Vaccines, 2009, 8, 391-400.	2.0	14
265	Modeling and Optimizing the Public-Health Infrastructure for Emergency Response. Interfaces, 2009, 39, 476-490.	1.6	86

#	ARTICLE	IF	CITATIONS
266	The influenza A(H1N1) epidemic in Mexico. Lessons learned. Health Research Policy and Systems, 2009, 7, 21.	1.1	24
267	Mathematical Models in Infectious Disease Epidemiology. Statistics in the Health Sciences, 2009, , 209-221.	0.2	32
269	A GeoAgentâ€based framework for knowledgeâ€oriented representation: Embracing social rules in GIS. International Journal of Geographical Information Science, 2009, 23, 923-960.	2.2	24
270	Household Transmission of 2009 Pandemic Influenza A (H1N1) Virus in the United States. New England Journal of Medicine, 2009, 361, 2619-2627.	13.9	420
271	Closure of schools during an influenza pandemic. Lancet Infectious Diseases, The, 2009, 9, 473-481.	4.6	448
272	The possible roles of solar ultraviolet-B radiation and vitamin D in reducing case-fatality rates from the 1918â€"1919 influenza pandemic in the United States. Dermato-Endocrinology, 2009, 1, 215-219.	1.9	118
273	Preparedness Lessons from Modern Disasters and Wars. Critical Care Clinics, 2009, 25, 47-65.	1.0	17
274	Effect of Intensive Education on Knowledge, Attitudes, and Practices Regarding Upper Respiratory Infections Among Urban Latinos. Nursing Research, 2009, 58, 150-157.	0.8	17
275	The use of personal protective equipment for control of influenza among critical care clinicians: A survey study. Critical Care Medicine, 2009, 37, 1210-1216.	0.4	78
276	School closure may be effective in reducing transmission of respiratory viruses in the community. Epidemiology and Infection, 2009, 137, 1369-1376.	1.0	49
277	Household structure and infectious disease transmission. Epidemiology and Infection, 2009, 137, 654-661.	1.0	77
278	An approach to estimate the number of SARS cases imported by international air travel. Epidemiology and Infection, 2009, 137, 1019-1031.	1.0	26
280	Effectiveness and Cost-Effectiveness of Vaccination Against Pandemic Influenza (H1N1) 2009. Annals of Internal Medicine, 2009, 151, 829.	2.0	82
281	Effectiveness and Cost-Effectiveness of Expanded Antiviral Prophylaxis and Adjuvanted Vaccination Strategies for an Influenza A (H5N1) Pandemic. Annals of Internal Medicine, 2009, 151, 840.	2.0	22
282	METHODS FOR DETERMINING QUARANTINE PERIOD OF INFECTIOUS DISEASES : ESTIMATION OF THE EPIDEMIOLOGICAL RIPPLE EFFECTS. Transactions of the Operations Research Society of Japan, 2009, 52, 20-37.	0.1	0
283	Influenza A (H1N1): A Wake-Up Call. American Journal of Nursing, 2009, 109, 25-27.	0.2	4
284	Understanding influenza virus-specific epidemiological properties by analysis of experimental human infections. Epidemiology and Infection, 2010, 138, 825-835.	1.0	10
285	Modelling seasonality and viral mutation to predict the course of an influenza pandemic. Epidemiology and Infection, 2010, 138, 1472-1481.	1.0	30

#	Article	IF	Citations
286	Pandemic influenza and pediatric intensive care*. Pediatric Critical Care Medicine, 2010, 11, 185-198.	0.2	11
287	Simulating School Closure Strategies to Mitigate an Influenza Epidemic. Journal of Public Health Management and Practice, 2010, 16, 252-261.	0.7	145
289	Evaluation of Vaccination Strategies to Suppress a Novel Influenza Pandemic Using an Individual-Based Model. Japanese Journal of Hygiene, 2010, 65, 459-466.	0.6	1
291	The time to extinction for a stochastic SIS-household-epidemic model. Journal of Mathematical Biology, 2010, 61, 763-779.	0.8	19
292	Modeling the spatial spread of infectious diseases: The GLobal Epidemic and Mobility computational model. Journal of Computational Science, 2010, 1, 132-145.	1.5	384
293	The macroeconomic impact of pandemic influenza: estimates from models of the United Kingdom, France, Belgium and The Netherlands. European Journal of Health Economics, 2010, 11, 543-554.	1.4	127
294	Analysis of the effectiveness of interventions used during the 2009 A/H1N1 influenza pandemic. BMC Public Health, 2010, 10, 168.	1.2	74
295	Rapid detection of pandemic influenza in the presence of seasonal influenza. BMC Public Health, 2010, 10, 726.	1.2	16
296	The impact of mass gatherings and holiday traveling on the course of an influenza pandemic: a computational model. BMC Public Health, 2010, 10, 778.	1.2	69
297	Cost-effectiveness of stockpiling 23-valent pneumococcal polysaccharide vaccine to prevent secondary pneumococcal infections among a high-risk population in the united states during an influenza pandemic. Clinical Therapeutics, 2010, 32, 1501-1516.	1.1	12
298	Resource allocation for demand surge mitigation during disaster response. Decision Support Systems, 2010, 50, 304-315.	3.5	76
299	A phase III, randomized, open-label study to assess the tolerability and immunogenicity of an H5N1 influenza vaccine administered to healthy adults with a 1-, 2-, 3-, or 6-week interval between first and second doses. Clinical Therapeutics, 2010, 32, 2186-2197.	1.1	24
301	Human mobility and population heterogeneity in the spread of an epidemic. Procedia Computer Science, 2010, 1, 2237-2244.	1.2	17
302	Optimal control for pandemic influenza: The role of limited antiviral treatment and isolation. Journal of Theoretical Biology, 2010, 265, 136-150.	0.8	102
303	Disease dynamics in a dynamic social network. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 2663-2674.	1.2	31
304	Influenza epidemic spread simulation for Poland â€" a large scale, individual based model study. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 3149-3165.	1.2	39
305	Effective vaccination policies. Information Sciences, 2010, 180, 3728-3744.	4.0	5
306	Assessing the role of contact tracing in a suspected H7N2 influenza A outbreak in humans in Wales. BMC Infectious Diseases, 2010, 10, 141.	1.3	32

#	Article	IF	Citations
307	Comparison of three methods for ascertainment of contact information relevant to respiratory pathogen transmission in encounter networks. BMC Infectious Diseases, 2010, 10, 166.	1.3	43
308	Comparing large-scale computational approaches to epidemic modeling: Agent-based versus structured metapopulation models. BMC Infectious Diseases, 2010, 10, 190.	1.3	222
309	Developing guidelines for school closure interventions to be used during a future influenza pandemic. BMC Infectious Diseases, 2010, 10, 221.	1.3	61
310	Planning for the next influenza H1N1 season: a modelling study. BMC Infectious Diseases, 2010, 10, 301.	1.3	13
311	An optimal control theory approach to non-pharmaceutical interventions. BMC Infectious Diseases, 2010, 10, 32.	1.3	61
312	Spatial clustering in the spatio-temporal dynamics of endemic cholera. BMC Infectious Diseases, 2010, 10, 51.	1.3	42
313	Management of blood supplies during an influenza pandemic. Transfusion, 2010, 50, 231-239.	0.8	40
314	The Effect of Mask Use on the Spread of Influenza During a Pandemic. Risk Analysis, 2010, 30, 1210-1218.	1.5	111
315	Usefulness of simulated cases for assessing pandemic influenza preparedness plans. Clinical Microbiology and Infection, 2010, 16, 1364-1367.	2.8	10
316	Immunogenicity of a monovalent pandemic influenza A H1N1 vaccine in health‐care workers of a university hospital in Japan. Microbiology and Immunology, 2010, 54, 618-624.	0.7	14
317	Model or meal? Farm animal populations as models for infectious diseases of humans. Nature Reviews Microbiology, 2010, 8, 139-148.	13.6	25
318	Modelling strategic use of the national antiviral stockpile during the CONTAIN and SUSTAIN phases of an Australian pandemic influenza response. Australian and New Zealand Journal of Public Health, 2010, 34, 113-119.	0.8	17
319	Transmissibility of the 1918 pandemic influenza in Montreal and Winnipeg of Canada. Influenza and Other Respiratory Viruses, 2010, 4, 27-31.	1.5	7
320	Protecting health care workers: a pandemic simulation based on Allegheny County. Influenza and Other Respiratory Viruses, 2010, 4, 61-72.	1.5	56
321	Day 2: Seasonal and pandemic influenza surveillance. Influenza and Other Respiratory Viruses, 2010, 4, 11-18.	1.5	0
322	Public health management of pandemic (H1N1) 2009 infection in Australia: A failure!. Respirology, 2010, 15, 51-56.	1.3	17
324	Modeling Seasonal Influenza Outbreak in a Closed College Campus: Impact of Pre-Season Vaccination, In-Season Vaccination and Holidays/Breaks. PLoS ONE, 2010, 5, e9548.	1.1	41
325	Calculation of Disease Dynamics in a Population of Households. PLoS ONE, 2010, 5, e9666.	1.1	40

#	ARTICLE	IF	CITATIONS
326	Real-Time Epidemic Monitoring and Forecasting of H1N1-2009 Using Influenza-Like Illness from General Practice and Family Doctor Clinics in Singapore. PLoS ONE, 2010, 5, e10036.	1.1	133
327	Student Behavior during a School Closure Caused by Pandemic Influenza A/H1N1. PLoS ONE, 2010, 5, e10425.	1.1	40
328	Likely Correlation between Sources of Information and Acceptability of A/H1N1 Swine-Origin Influenza Virus Vaccine in Marseille, France. PLoS ONE, 2010, 5, e11292.	1.1	52
329	Transmission of Novel Influenza A(H1N1) in Households with Post-Exposure Antiviral Prophylaxis. PLoS ONE, 2010, 5, e11442.	1.1	29
330	Evaluation of Targeted Influenza Vaccination Strategies via Population Modeling. PLoS ONE, 2010, 5, e12777.	1.1	31
331	The Impact of Case Diagnosis Coverage and Diagnosis Delays on the Effectiveness of Antiviral Strategies in Mitigating Pandemic Influenza A/H1N1 2009. PLoS ONE, 2010, 5, e13797.	1.1	16
332	Two resource distribution strategies for dynamic mitigation of influenza pandemics. Journal of Multidisciplinary Healthcare, 2010, 3, 65.	1.1	2
333	An Integrated Modeling Environment to Study the Co-evolution of Networks, Individual Behavior and Epidemics. AI Magazine, 2010, 31, 75.	1.4	21
334	Cost-effectiveness of Pharmaceutical-based Pandemic Influenza Mitigation Strategies1. Emerging Infectious Diseases, 2010, 16, 224-230.	2.0	27
335	Employment and Compliance with Pandemic Influenza Mitigation Recommendations. Emerging Infectious Diseases, 2010, 16, 212-218.	2.0	86
336	Logistical feasibility and potential benefits of a population-wide passive-immunotherapy program during an influenza pandemic. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3269-3274.	3.3	36
337	Mortality Patterns Associated with the 1918 Influenza Pandemic in Mexico: Evidence for a Spring Herald Wave and Lack of Preexisting Immunity in Older Populations. Journal of Infectious Diseases, 2010, 202, 567-575.	1.9	71
338	Immunogenicity and Safety of MF59-Adjuvanted H5N1 Influenza Vaccine From Infancy to Adolescence. Pediatrics, 2010, 126, e762-e770.	1.0	52
339	Viral Shedding and Clinical Illness in Naturally Acquired Influenza Virus Infections. Journal of Infectious Diseases, 2010, 201, 1509-1516.	1.9	258
340	Health Outcomes and Costs of Community Mitigation Strategies for an Influenza Pandemic in the United States. Clinical Infectious Diseases, 2010, 50, 165-174.	2.9	87
341	The Vagaries Of Public Support For Government Actions In Case Of A Pandemic. Health Affairs, 2010, 29, 2294-2301.	2.5	29
342	Transmissibility and geographic spread of the 1889 influenza pandemic. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8778-8781.	3.3	105
343	Development of a Reverse Transcription-Loop-Mediated Isothermal Amplification Assay for Detection of Pandemic (H1N1) 2009 Virus as a Novel Molecular Method for Diagnosis of Pandemic Influenza in Resource-Limited Settings. Journal of Clinical Microbiology, 2010, 48, 728-735.	1.8	72

#	ARTICLE	IF	CITATIONS
344	The role of population heterogeneity and human mobility in the spread of pandemic influenza. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 557-565.	1.2	223
345	Strategies for mitigating an influenza pandemic with pre-pandemic H5N1 vaccines. Journal of the Royal Society Interface, 2010, 7, 573-586.	1.5	29
346	How necessary is a fast testkit for mitigation of pandemic flu?. Journal of the Royal Society Interface, 2010, 7, 1033-1047.	1.5	3
347	Effectiveness of Public Health Measures in Mitigating Pandemic Influenza Spread: A Prospective Seroâ€Epidemiological Cohort Study. Journal of Infectious Diseases, 2010, 202, 1319-1326.	1.9	42
348	Influenza Transmission in Preschools: Modulation by contact landscapes and interventions. Mathematical Modelling of Natural Phenomena, 2010, 5, 3-14.	0.9	1
349	Pandemic influenza A (H1N1) 2009: the experience of the first six months. Clinical Chemistry and Laboratory Medicine, 2010, 48, 11-21.	1.4	15
350	Comparative Epidemiology of Pandemic and Seasonal Influenza A in Households. New England Journal of Medicine, 2010, 362, 2175-2184.	13.9	304
351	Effective real-time allocation of pandemic interventions. , 2010, , .		2
352	Cost-effectiveness analysis of vaccination and self-isolation in case of H1N1. , 2010, , .		4
353	Influence of the Cold War Upon Influenza Pandemic of 1957-1958. , 2010, , .		4
354	Serum Antibody Response to the Novel Influenza A (H1N1) Virus in the Elderly. Clinical Infectious Diseases, 2010, 50, 285-286.	2.9	10
355	A high-resolution human contact network for infectious disease transmission. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 22020-22025.	3.3	617
356	Optimizing infectious disease interventions during an emerging epidemic. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 923-928.	3.3	154
357	Emerging Vaccine Informatics. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-26.	3.0	114
358	The dynamics of an epidemic model with targeted antiviral prophylaxis. Journal of Biological Dynamics, 2010, 4, 506-526.	0.8	5
359	Preface. Journal of Biological Dynamics, 2010, 4, 429-430.	0.8	2
360	Absolute Humidity and the Seasonal Onset of Influenza in the Continental United States. PLoS Biology, 2010, 8, e1000316.	2.6	513
361	Informing Optimal Environmental Influenza Interventions: How the Host, Agent, and Environment Alter Dominant Routes of Transmission. PLoS Computational Biology, 2010, 6, e1000969.	1.5	59

#	Article	IF	Citations
362	Dynamics and Control of Diseases in Networks with Community Structure. PLoS Computational Biology, 2010, 6, e1000736.	1.5	434
363	Little Italy: An Agent-Based Approach to the Estimation of Contact Patterns- Fitting Predicted Matrices to Serological Data. PLoS Computational Biology, 2010, 6, e1001021.	1.5	69
364	FluTE, a Publicly Available Stochastic Influenza Epidemic Simulation Model. PLoS Computational Biology, 2010, 6, e1000656.	1.5	287
365	Safety and Cross-Reactive Immunogenicity of Candidate AS03-Adjuvanted Prepandemic H5N1 Influenza Vaccines: A Randomized Controlled Phase 1/2 Trial in Adults. Journal of Infectious Diseases, 2010, 201, 1644-1653.	1.9	81
366	Influenza A/H1N1_09: Australia and New Zealand's Winter of Discontent. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 300-306.	2.5	54
367	Clinical Management of Pandemic 2009 Influenza A(H1N1) Infection. Chest, 2010, 137, 916-925.	0.4	100
368	Brief encounters. ACM Transactions on Computer-Human Interaction, 2010, 17, 1-38.	4.6	43
369	Pharmaceutical interventions for mitigating an influenza pandemic: modeling the risks and health-economic impacts. Expert Review of Anti-Infective Therapy, 2010, 8, 1431-1439.	2.0	6
370	Agent-based simulation on avian influenza in Vietnam: Basic characteristics of the epidemic and efficiency evaluation of control measures. , 2010, , .		2
371	Mass commuting and influenza vaccination prevalence in New York City: Protection in a mixing environment. Epidemics, 2010, 2, 183-188.	1.5	1
372	Evaluation of inter-pandemic influenza vaccine effectiveness during eight consecutive winter seasons in England and Wales in patients with cardiovascular risk factors. Journal of Infection and Public Health, 2010, 3, 159-165.	1.9	1
373	Theoretical and practical exploration of vision building in human influenza pandemic prevention & control. Asian Pacific Journal of Tropical Medicine, 2010, 3, 913-916.	0.4	0
374	Emergence of viral diseases: mathematical modeling as a tool for infection control, policy and decision making. Critical Reviews in Microbiology, 2010, 36, 195-211.	2.7	18
375	The impact of information transmission on epidemic outbreaks. Mathematical Biosciences, 2010, 225, 1-10.	0.9	172
376	Experience and lessons from surveillance and studies of the 2009 pandemic in Europe. Public Health, 2010, 124, 14-23.	1.4	45
377	Global production of seasonal and pandemic (H1N1) influenza vaccines in 2009–2010 and comparison with previous estimates and global action plan targets. Vaccine, 2010, 28, 4709-4712.	1.7	72
378	A computer simulation of vaccine prioritization, allocation, and rationing during the 2009 H1N1 influenza pandemic. Vaccine, 2010, 28, 4875-4879.	1.7	109
379	The 2009 A (H1N1) influenza virus pandemic: A review. Vaccine, 2010, 28, 4895-4902.	1.7	376

#	ARTICLE	IF	CITATIONS
380	Vaccination against pandemic influenza A/H1N1 among healthcare workers and reasons for refusing vaccination in Istanbul in last pandemic alert phase. Vaccine, 2010, 28, 5703-5710.	1.7	68
381	Safety and immunogenicity of an inactivated split-virus influenza A/H1N1 vaccine in healthy children from 6 months to <18 years of age: A prospective, open-label, multi-center trial. Vaccine, 2010, 28, 5857-5863.	1.7	32
382	Immunogenicity and safety of AS03-adjuvanted 2009 influenza A H1N1 vaccine in children 6â€"35 months. Vaccine, 2010, 28, 5837-5844.	1.7	87
383	Economics of employer-sponsored workplace vaccination to prevent pandemic and seasonal influenza. Vaccine, 2010, 28, 5952-5959.	1.7	34
384	Prevalence of high-risk indications for influenza vaccine varies by age, race, and income. Vaccine, 2010, 28, 6470-6477.	1.7	38
385	A Computer Simulation of Employee Vaccination to Mitigate an Influenza Epidemic. American Journal of Preventive Medicine, 2010, 38, 247-257.	1.6	84
386	Vaccination Deep Into a Pandemic Wave. American Journal of Preventive Medicine, 2010, 39, e21-e29.	1.6	37
387	Extracting Social and Community Intelligence from Digital Footprints: An Emerging Research Area. Lecture Notes in Computer Science, 2010, , 4-18.	1.0	35
388	Pandemic influenza on Reunion Island and school closure. Lancet Infectious Diseases, The, 2010, 10, 294-295.	4.6	6
389	A Complex Systems Approach to Understanding and Combating the Obesity Epidemic. , 2010, , 767-777.		4
390	Anti-influenza agents from Traditional Chinese Medicine. Natural Product Reports, 2010, 27, 1758.	5.2	106
391	Placing Pandemics: Geographical Dimensions of Vulnerability and Spread. Eurasian Geography and Economics, 2010, 51, 143-161.	1.7	52
392	Modern Infectious Disease Epidemiology. Statistics in the Health Sciences, 2010, , .	0.2	47
393	Advances in Social Computing. Lecture Notes in Computer Science, 2010, , .	1.0	9
394	Controlling an Influenza Outbreak in Deterministic and Stochastic Models with the Emergence and Evolution of Drug Resistance. , 2011, , .		0
395	A Simulation-based assessment of school closure strategies during an influenza epidemic. , 2011, , .		0
396	Efficient implementation of complex interventions in large scale epidemic simulations. , 2011, , .		4
397	Simulation of mitigation strategies for a pandemic influenza. , 2011, , .		3

#	Article	IF	Citations
398	The use of mathematical models to inform influenza pandemic preparedness and response. Experimental Biology and Medicine, 2011, 236, 955-961.	1.1	28
399	Intervention for contagious disease: Agent-based modeling and simulation. , 2011, , .		3
400	Economic and social impact of influenza mitigation strategies by demographic class. Epidemics, 2011, 3, 19-31.	1.5	46
401	Modeling and public health emergency responses: Lessons from SARS. Epidemics, 2011, 3, 32-37.	1.5	62
402	The impact of school holidays on the social mixing patterns of school children. Epidemics, 2011, 3, 103-108.	1.5	75
403	A Nonhomogeneous Agent-Based Simulation Approach to Modeling the Spread of Disease in a Pandemic Outbreak. Interfaces, 2011, 41, 301-315.	1.6	39
404	Sensitivity Analysis of the Parameters of Korea's Pandemic Influenza Preparedness Plan. Osong Public Health and Research Perspectives, 2011, 2, 210-215.	0.7	12
406	Simulation of an SEIR infectious disease model on the dynamic contact network of conference attendees. BMC Medicine, 2011, 9, 87.	2.3	296
407	Dose-Sparing H5N1 A/Indonesia/05/2005 Pre-pandemic Influenza Vaccine in Adults and Elderly Adults: A Phase III, Placebo-Controlled, Randomized Study. Journal of Infectious Diseases, 2011, 203, 1729-1738.	1.9	70
409	General rules for managing and surveying networks of pests, diseases, and endangered species. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8323-8328.	3.3	177
410	Diagnostic Virology Protocols. Methods in Molecular Biology, 2011, , .	0.4	8
411	An Agent-Based Model of Income Inequalities in Diet in the Context of Residential Segregation. American Journal of Preventive Medicine, 2011, 40, 303-311.	1.6	125
413	Estimating the effective reproduction number for pandemic influenza from notification data made publicly available in real time: A multi-country analysis for influenza A/H1N1v 2009. Vaccine, 2011, 29, 896-904.	1.7	31
414	Longevity of the protective immune response induced after vaccination with one or two doses of AS03A-adjuvanted split H5N1 vaccine in ferrets. Vaccine, 2011, 29, 2092-2099.	1.7	15
415	The 1918–1920 influenza pandemic in Peru. Vaccine, 2011, 29, B21-B26.	1.7	37
416	A phase I randomized, double-blind, controlled trial of 2009 influenza A (H1N1) inactivated monovalent vaccines with different adjuvant systems. Vaccine, 2011, 29, 8974-8981.	1.7	17
417	Chloroquine for influenza prevention: a randomised, double-blind, placebo controlled trial. Lancet Infectious Diseases, The, 2011, 11, 677-683.	4.6	162
418	How to make predictions about future infectious disease risks. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2045-2054.	1.8	124

#	Article	IF	Citations
419	Immunogenicity Profile of a 3.75-Î¼g Hemagglutinin Pandemic rH5N1 Split Virion AS03A-Adjuvanted Vaccine in Elderly Persons: A Randomized Trial. Journal of Infectious Diseases, 2011, 203, 1054-1062.	1.9	30
420	Vaccine production, distribution, access, and uptake. Lancet, The, 2011, 378, 428-438.	6.3	97
421	Ecological factors associated with pandemic influenza A (H1N1) hospitalization rates in California, USA: a geospatial analysis. Geospatial Health, 2011, 6, 95.	0.3	12
422	Intrahousehold Transmission of Pandemic (H1N1) 2009 Virus, Victoria, Australia. Emerging Infectious Diseases, 2011, 17, 1599-1607.	2.0	18
423	Diagnosis and Antiviral Intervention Strategies for Mitigating an Influenza Epidemic. PLoS ONE, 2011, 6, e14505.	1.1	19
424	Detection of Resistance Mutations to Antivirals Oseltamivir and Zanamivir in Avian Influenza A Viruses Isolated from Wild Birds. PLoS ONE, 2011, 6, e16028.	1.1	56
425	The Effect of Risk Perception on the 2009 H1N1 Pandemic Influenza Dynamics. PLoS ONE, 2011, 6, e16460.	1.1	152
426	Human Mobility Networks, Travel Restrictions, and the Global Spread of 2009 H1N1 Pandemic. PLoS ONE, 2011, 6, e16591.	1.1	391
427	Glycosylation Site Alteration in the Evolution of Influenza A (H1N1) Viruses. PLoS ONE, 2011, 6, e22844.	1.1	112
428	Evaluating the Combined Effectiveness of Influenza Control Strategies and Human Preventive Behavior. PLoS ONE, 2011, 6, e24706.	1.1	21
429	An Effective Quarantine Measure Reduced the Total Incidence of Influenza A H1N1 in the Workplace: Another Way to Control the H1N1 Flu Pandemic. Journal of Occupational Health, 2011, 53, 287-292.	1.0	33
430	H1N1 Hemagglutinin-Inhibition Seroprevalence in Emergency Department Health Care Workers After the First Wave of the 2009 Influenza Pandemic. Pediatric Emergency Care, 2011, 27, 804-807.	0.5	7
431	Factors associated with social contacts in four communities during the 2007â€"2008 influenza season. Epidemiology and Infection, 2011, 139, 1181-1190.	1.0	35
432	Model predictions and evaluation of possible control strategies for the 2009 A/H1N1v influenza pandemic in Italy. Epidemiology and Infection, 2011, 139, 68-79.	1.0	39
433	Estimating within-household contact networks from egocentric data. Annals of Applied Statistics, 2011, 5, 1816-1838.	0.5	28
435	From biological and social network metaphors to coupled bio-social wireless networks. International Journal of Autonomous and Adaptive Communications Systems, 2011, 4, 122.	0.2	1
436	Modelling the strategies for age specific vaccination scheduling during influenza pandemic outbreaks. Mathematical Biosciences and Engineering, 2011, 8, 123-139.	1.0	24
437	Temporal factors in school closure policy for mitigating the spread of influenza. Journal of Public Health Policy, 2011, 32, 180-197.	1.0	12

#	Article	IF	Citations
438	Pandemic response lessons from influenza H1N1 2009 in Asia. Respirology, 2011, 16, 876-882.	1.3	41
439	Reconstructing disease outbreaks from genetic data: a graph approach. Heredity, 2011, 106, 383-390.	1.2	132
440	Genetic evidence for containment of viruses in the first outbreak of influenza A pandemic (H1N1) 2009 in Kobe, Japan. Influenza and Other Respiratory Viruses, 2011, 5, 180-187.	1.5	1
441	Oral and Poster Manuscripts. Influenza and Other Respiratory Viruses, 2011, 5, 54-442.	1.5	5
442	Has estimation of numbers of cases of pandemic influenza H1N1 in England in 2009 provided a useful measure of the occurrence of disease?. Influenza and Other Respiratory Viruses, 2011, 5, e504-e512.	1.5	12
443	Compliant, complacent or panicked? Investigating the problematisation of the Australian general public in pandemic influenza control. Social Science and Medicine, 2011, 72, 912-918.	1.8	40
444	Estimating the economic impact of pandemic influenza: An application of the computable general equilibrium model to the UK. Social Science and Medicine, 2011, 73, 235-244.	1.8	71
445	Understanding responses to government health recommendations: Public perceptions of government advice for managing the H1N1 (swine flu) influenza pandemic. Patient Education and Counseling, 2011, 85, 413-418.	1.0	56
446	A pandemic influenza modeling and visualization tool. Journal of Visual Languages and Computing, 2011, 22, 268-278.	1.8	62
447	The Emergence of Social and Community Intelligence. Computer, 2011, 44, 21-28.	1.2	160
448	Agent-Based Modeling of the Spread of Influenza-Like Illness in an Emergency Department: A Simulation Study. IEEE Transactions on Information Technology in Biomedicine, 2011, 15, 877-889.	3.6	58
449	Understanding infectious agents from an in silico perspective. Drug Discovery Today, 2011, 16, 42-49.	3.2	3
450	Complexity in human transportation networks: a comparative analysis of worldwide air transportation and global cargo-ship movements. European Physical Journal B, 2011, 84, 589-600.	0.6	85
451	A simple stochastic lattice gas model for H1N1 pandemic. Application to the Italian epidemiological data. European Physical Journal E, 2011, 34, 11.	0.7	7
452	Prediction of pandemic influenza. European Journal of Epidemiology, 2011, 26, 583-584.	2.5	11
453	Real-time estimation and prediction for pandemic A/H1N1(2009) in Japan. Journal of Infection and Chemotherapy, 2011, 17, 468-472.	0.8	33
454	Optimal Control and Sensitivity Analysis of an Influenza Model with Treatment and Vaccination. Acta Biotheoretica, 2011, 59, 1-28.	0.7	89
455	Epidemic growth rate and household reproduction number in communities of households, schools and workplaces. Journal of Mathematical Biology, 2011, 63, 691-734.	0.8	19

#	ARTICLE	IF	CITATIONS
456	A predictive decision-aid methodology for dynamic mitigation of influenza pandemics. OR Spectrum, 2011, 33, 751-786.	2.1	26
457	Social and economic impact of school closure resulting from pandemic influenza A/H1N1. Journal of Infection, 2011, 62, 200-203.	1.7	73
458	The Role of Subway Travel in an Influenza Epidemic: A New York City Simulation. Journal of Urban Health, 2011, 88, 982-995.	1.8	108
459	Reconstructing the 2003/2004 H3N2 influenza epidemic in Switzerland with a spatially explicit, individual-based model. BMC Infectious Diseases, 2011, 11, 115.	1.3	50
460	Analysis of CDC social control measures using an agent-based simulation of an influenza epidemic in a city. BMC Infectious Diseases, 2011, 11, 199.	1.3	27
461	Sources, perceived usefulness and understanding of information disseminated to families who entered home quarantine during the H1N1 pandemic in Victoria, Australia: a cross-sectional study. BMC Infectious Diseases, 2011, 11, 2.	1.3	36
462	Mitigating effects of vaccination on influenza outbreaks given constraints in stockpile size and daily administration capacity. BMC Infectious Diseases, 2011, 11, 207.	1.3	6
463	Agent-based simulation for weekend-extension strategies to mitigate influenza outbreaks. BMC Public Health, 2011, 11, 522.	1.2	22
464	Variability in school closure decisions in response to 2009 H1N1: a qualitative systems improvement analysis. BMC Public Health, 2011, 11, 73.	1.2	32
465	We should not be complacent about our population-based public health response to the first influenza pandemic of the 21stcentury. BMC Public Health, 2011, 11, 78.	1.2	18
466	A review of mathematical models of influenza A infections within a host or cell culture: lessons learned and challenges ahead. BMC Public Health, 2011, 11, S7.	1.2	191
467	Real-time forecasting of an epidemic using a discrete time stochastic model: a case study of pandemic influenza (H1N1-2009). BioMedical Engineering OnLine, 2011, 10, 15.	1.3	47
468	The effects of spatial population dataset choice on estimates of population at risk of disease. Population Health Metrics, 2011, 9, 4.	1.3	63
469	Theoretical basis to measure the impact of short-lasting control of an infectious disease on the epidemic peak. Theoretical Biology and Medical Modelling, 2011, 8, 2.	2.1	10
470	BiologicalNetworks - tools enabling the integration of multi-scale data for the host-pathogen studies. BMC Systems Biology, 2011, 5, 7.	3.0	18
471	Decision support for containing pandemic propagation. ACM Transactions on Management Information Systems, 2011, 2, 1-25.	2.1	4
472	Challenges and opportunities in the Israeli 2009 Pandemic Influenza Vaccination Program. Hum Vaccin, 2011, 7, 1077-1082.	2.4	9
473	Measuring the benefits of school closure interventions to mitigate influenza. Expert Review of Respiratory Medicine, 2011, 5, 597-599.	1.0	7

#	ARTICLE	IF	CITATIONS
474	A Distributed Platform for Global-Scale Agent-Based Models of Disease Transmission. ACM Transactions on Modeling and Computer Simulation, 2011, 22, 1-25.	0.6	119
475	Passive surveillance of adverse events of an MF59-adjuvanted H1N1v vaccine during the pandemic mass vaccinations. Hum Vaccin, 2011, 7, 539-548.	2.4	47
476	Parameterizing state–space models for infectious disease dynamics by generalized profiling: measles in Ontario. Journal of the Royal Society Interface, 2011, 8, 961-974.	1.5	50
477	Spatial dynamics of the 1918 influenza pandemic in England, Wales and the United States. Journal of the Royal Society Interface, 2011, 8, 233-243.	1.5	85
478	Optimal antiviral treatment strategies and the effects of resistance. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 1082-1089.	1.2	21
479	Targeting vaccination against novel infections: risk, age and spatial structure for pandemic influenza in Great Britain. Journal of the Royal Society Interface, 2011, 8, 661-670.	1.5	42
480	Measuring social networks in British primary schools through scientific engagement. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 1467-1475.	1.2	54
481	Strategies for antiviral stockpiling for future influenza pandemics: a global epidemic-economic perspective. Journal of the Royal Society Interface, 2011, 8, 1307-1313.	1.5	33
482	The Benefits To All Of Ensuring Equal And Timely Access To Influenza Vaccines In Poor Communities. Health Affairs, 2011, 30, 1141-1150.	2.5	43
483	Influenza Transmission in Households During the 1918 Pandemic. American Journal of Epidemiology, 2011, 174, 505-514.	1.6	83
484	Closing Schools in Response to the 2009 Pandemic Influenza A H1N1 Virus in New York City: Economic Impact on Households. Clinical Infectious Diseases, 2011, 52, S168-S172.	2.9	48
485	Role of social networks in shaping disease transmission during a community outbreak of 2009 H1N1 pandemic influenza. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2825-2830.	3.3	315
486	Prediction of an Epidemic Curve: A Supervised Classification Approach. Statistical Communications in Infectious Diseases, 2011, 3, .	0.2	24
487	Networks and the Epidemiology of Infectious Disease. Interdisciplinary Perspectives on Infectious Diseases, 2011, 2011, 1-28.	0.6	299
488	Contact intervals, survival analysis of epidemic data, and estimation of R0. Biostatistics, 2011, 12, 548-566.	0.9	28
489	The 2009 H1N1 influenza pandemic. Hum Vaccin, 2011, 7, 115-119.	2.4	16
490	Rapid Immunization Against H5N1: A Randomized Trial Evaluating Homologous and Cross-Reactive Immune Responses to ASO3A-Adjuvanted Vaccination in Adults. Journal of Infectious Diseases, 2011, 204, 574-581.	1.9	21
491	Bayesian modeling to unmask and predict influenza A/H1N1pdm dynamics in London. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18238-18243.	3.3	101

#	ARTICLE	IF	CITATIONS
492	Panvax^{Â®}: a monovalent inactivated unadjuvanted vaccine against pandemic influenza A (H1N1) 2009. Expert Review of Vaccines, 2011, 10, 35-43.	2.0	6
493	Meeting global health challenges through operational research and management science. Bulletin of the World Health Organization, 2011, 89, 683-688.	1.5	29
494	Predictive and Reactive Distribution of Vaccines and Antivirals during Cross-Regional Pandemic Outbreaks. Influenza Research and Treatment, 2011, 2011, 1-14.	1.5	0
495	A simulation model for policy decision analysis: a case of pandemic influenza on a university campus. Journal of Simulation, 2011, 5, 89-100.	1.0	18
496	Assessing the Ecotoxicologic Hazards of a Pandemic Influenza Medical Response. Environmental Health Perspectives, 2011, 119, 1084-1090.	2.8	33
497	Migration and Health: A Framework for 21st Century Policy-Making. PLoS Medicine, 2011, 8, e1001034.	3.9	452
498	Transmission Characteristics of the 2009 H1N1 Influenza Pandemic: Comparison of 8 Southern Hemisphere Countries. PLoS Pathogens, 2011, 7, e1002225.	2.1	57
499	Mitigation Strategies for Pandemic Influenza A: Balancing Conflicting Policy Objectives. PLoS Computational Biology, 2011, 7, e1001076.	1.5	92
500	Determinants of the Spatiotemporal Dynamics of the 2009 H1N1 Pandemic in Europe: Implications for Real-Time Modelling. PLoS Computational Biology, 2011, 7, e1002205.	1.5	102
501	Evidence-based medicine and the governance of pandemic influenza. Global Public Health, 2012, 7, S111-S126.	1.0	11
502	Measured Dynamic Social Contact Patterns Explain the Spread of H1N1v Influenza. PLoS Computational Biology, 2012, 8, e1002425.	1.5	174
503	Inferring the Structure of Social Contacts from Demographic Data in the Analysis of Infectious Diseases Spread. PLoS Computational Biology, 2012, 8, e1002673.	1.5	166
504	Evaluating the Adequacy of Gravity Models as a Description of Human Mobility for Epidemic Modelling. PLoS Computational Biology, 2012, 8, e1002699.	1.5	86
505	Assessment of Antigen-Specific and Cross-Reactive Antibody Responses to an MF59-Adjuvanted A/H5N1 Prepandemic Influenza Vaccine in Adult and Elderly Subjects. Vaccine Journal, 2012, 19, 1943-1948.	3.2	32
506	Simulating the spread of influenza pandemic of 2009 considering international traffic. Simulation, 2012, 88, 437-449.	1.1	6
507	Cholera Modeling. Epidemiology, 2012, 23, 523-530.	1.2	61
508	Behaviour and control of influenza in institutions and small societies. Journal of the Royal Society of Medicine, 2012, 105, 66-73.	1.1	18
509	Incorporating individual health-protective decisions into disease transmission models: a mathematical framework. Journal of the Royal Society Interface, 2012, 9, 562-570.	1.5	60

#	ARTICLE	IF	CITATIONS
510	Household Transmission of 2009 Pandemic Influenza A (H1N1). Epidemiology, 2012, 23, 531-542.	1.2	77
511	Cost effectiveness of vaccination against pandemic influenza in European countries: mathematical modelling analysis. BMJ, The, 2012, 345, e4445-e4445.	3.0	30
512	A systems science perspective and transdisciplinary models for food and nutrition security. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12356-12363.	3.3	165
513	Comparison of Nasal and Nasopharyngeal Swabs for Influenza Detection in Adults. Clinical Medicine and Research, 2012, 10, 215-218.	0.4	58
514	Integrated epidemiologic simulation for person to person contagion through urban mobility within GIS. , 2012, , .		2
515	The Economic Value of One Health in Relation to the Mitigation of Zoonotic Disease Risks. Current Topics in Microbiology and Immunology, 2012, 365, 127-151.	0.7	40
516	Factors Affecting Medical Studentsâ€™ Uptake of the 2009 Pandemic Influenza A (H1N1) Vaccine. Influenza Research and Treatment, 2012, 2012, 1-10.	1.5	14
517	Distribution and Risk Factors of 2009 Pandemic Influenza A (H1N1) in Mainland China. American Journal of Epidemiology, 2012, 175, 890-897.	1.6	46
518	Epidemic spreading on complex networks with weighted adaptive strategy. , 2012, , .		2
519	Impact of Introducing the Pneumococcal and Rotavirus Vaccines Into the Routine Immunization Program in Niger. American Journal of Public Health, 2012, 102, 269-276.	1.5	41
520	The Comparative Value of Various Employer-Sponsored Influenza Vaccination Clinics. Journal of Occupational and Environmental Medicine, 2012, 54, 1107-1117.	0.9	3
521	Preparedness for Pandemics. Journal of Public Health Management and Practice, 2012, 18, 233-240.	0.7	2
522	Estimating within-school contact networks to understand influenza transmission. Annals of Applied Statistics, 2012, 6, 1-26.	0.5	44
523	On the existence of a threshold for preventive behavioral responses to suppress epidemic spreading. Scientific Reports, 2012, 2, 632.	1.6	118
524	Optimal design of studies of influenza transmission in households. I: Case-ascertained studies. Epidemiology and Infection, 2012, 140, 106-114.	1.0	19
525	Close encounters of the infectious kind: methods to measure social mixing behaviour. Epidemiology and Infection, 2012, 140, 2117-2130.	1.0	130
526	Drivers, dynamics, and control of emerging vector-borne zoonotic diseases. Lancet, The, 2012, 380, 1946-1955.	6.3	530
527	Modelling the Dynamics of Host-Parasite Interactions: Basic Principles. , 2012, , 79-101.		4

#	Article	IF	Citations
528	Lecture 6: Modeling Influenza. , 2012, , 121-141.		0
529	Geographic prioritization of distributing pandemic influenza vaccines. Health Care Management Science, 2012, 15, 175-187.	1.5	42
530	Response to 2009 pandemic influenza A H1N1 among public schools of Georgia, United States—fall 2009. International Journal of Infectious Diseases, 2012, 16, e382-e390.	1.5	13
531	Cell culture (Vero cell) derived whole-virus non-adjuvanted H5N1 influenza vaccine induces long-lasting cross-reactive memory immune response: Homologous or heterologous booster response following two dose or single dose priming. Vaccine, 2012, 30, 6127-6135.	1.7	23
532	High performance informatics for pandemic preparedness. , 2012, , .		0
533	FRED Navigator: An interactive system for visualizing results from large-scale epidemic simulations. , 2012, , .		4
534	The Ongoing Battle Against Influenza: Drug-resistant influenza viruses: why fitness matters. Nature Medicine, 2012, 18, 1470-1471.	15.2	33
535	Modeling Individual Vulnerability to Communicable Diseases: A Framework and Design. Annals of the American Association of Geographers, 2012, 102, 1016-1025.	3.0	31
536	'Because we all know that vaccines are an extremely effective public health tool': path dependency, H1N1 and the World Health Organisation. Policy Studies, 2012, 33, 381-397.	1.1	5
537	The impact of non-pharmaceutical interventions for 2009 H1N1 influenza on travel intentions: A model of goal-directed behavior. Tourism Management, 2012, 33, 89-99.	5.8	321
538	Safety and immunogenicity of two different doses of a Vero cell-derived, whole virus clade 2 H5N1 (A/Indonesia/05/2005) influenza vaccine. Vaccine, 2012, 30, 329-335.	1.7	22
539	Assessment of the immunogenicity and safety of varying doses of an MF59®-adjuvanted cell culture-derived A/H1N1 pandemic influenza vaccine in Japanese paediatric, adult and elderly subjects. Vaccine, 2012, 30, 5030-5037.	1.7	21
540	Factors mediating seasonal and influenza A (H1N1) vaccine acceptance among ethnically diverse populations in the urban south. Vaccine, 2012, 30, 4200-4208.	1.7	53
541	Phase III, randomized controlled trial to evaluate lot consistency of a trivalent subunit egg-based influenza vaccine in adults. Vaccine, 2012, 30, 5285-5292.	1.7	3
542	Under-explored assumptions in influenza vaccination models: Implications for the universal vaccination of children. Vaccine, 2012, 30, 5776-5781.	1.7	6
543	Measuring the uncertainties of pandemic influenza. International Journal of Risk Assessment and Management, 2012, 16, 1.	0.2	6
544	Two Years after Pandemic Influenza A/2009/H1N1: What Have We Learned?. Clinical Microbiology Reviews, 2012, 25, 223-263.	5.7	182
545	Risk perception and effectiveness of uncoordinated behavioral responses in an emerging epidemic. Mathematical Biosciences, 2012, 238, 80-89.	0.9	109

#	ARTICLE	IF	CITATIONS
546	Repeat after me. Nature Medicine, 2012, 18, 1443-1443.	15.2	5
547	Validation of Agent-Based Simulation through Human Computation: An Example of Crowd Simulation. Lecture Notes in Computer Science, 2012, , 90-102.	1.0	1
548	Adjuvant effect of docetaxel on the immune responses to influenza A H1N1 vaccine in mice. BMC Immunology, 2012, 13, 36.	0.9	24
549	Leave entitlements, time off work and the household financial impacts of quarantine compliance during an H1N1 outbreak. BMC Infectious Diseases, 2012, 12, 311.	1.3	28
550	A systematic review to identify areas of enhancements of pandemic simulation models for operational use at provincial and local levels. BMC Public Health, 2012, 12, 251.	1.2	37
551	Development of a resource modelling tool to support decision makers in pandemic influenza preparedness: The AsiaFluCap Simulator. BMC Public Health, 2012, 12, 870.	1.2	30
552	School closure as an influenza mitigation strategy: how variations in legal authority and plan criteria can alter the impact. BMC Public Health, 2012, 12, 977.	1.2	20
553	Large-scale spatial population databases in infectious disease research. International Journal of Health Geographics, 2012, 11, 7.	1.2	80
554	Mapping populations at risk: improving spatial demographic data for infectious disease modeling and metric derivation. Population Health Metrics, 2012, 10, 8.	1.3	88
555	Modeling rapidly disseminating infectious disease during mass gatherings. BMC Medicine, 2012, 10, 159.	2.3	25
556	A/H5N1 Prepandemic Influenza Vaccine (Whole Virion, Vero Cell-Derived, Inactivated) [VepacelÂ®]. Drugs, 2012, 72, 1543-1557.	4.9	16
557	PreflucelÂ®: a Vero-cell culture-derived trivalent influenza vaccine. Expert Review of Vaccines, 2012, 11, 759-773.	2.0	24
558	Optimal but unequitable prophylactic distribution of vaccine. Epidemics, 2012, 4, 78-85.	1.5	48
559	A model-based tool to predict the propagation of infectious disease via airports. Travel Medicine and Infectious Disease, 2012, 10, 32-42.	1.5	26
560	The Ongoing Battle Against Influenza: The challenge of flu transmission. Nature Medicine, 2012, 18, 1468-1470.	15.2	21
561	Sliding Mode Control of Outbreaks of Emerging Infectious Diseases. Bulletin of Mathematical Biology, 2012, 74, 2403-2422.	0.9	95
562	The long-term immunogenicity of an inactivated split-virion 2009 pandemic influenza A H1N1 vaccine: Randomized, observer-masked, single-center clinical study. Results in Immunology, 2012, 2, 184-189.	2.2	5
563	A/H5N1 Prepandemic Influenza Vaccine (VepacelÂ®): A Guide to Its Use. BioDrugs, 2012, 26, 425-430.	2.2	4

#	Article	IF	Citations
564	Prevention of influenza in healthy children. Expert Review of Anti-Infective Therapy, 2012, 10, 1139-1152.	2.0	17
565	Understanding and Governing Public Health Risks by Modeling. , 2012, , 213-237.		5
566	A contact-network-based simulation model for evaluating interventions under &#x201C;what-if&#x201D; scenarios in epidemic. , 2012, , .		5
567	Modeling the impact of air, sea, and land travel restrictions supplemented by other interventions on the emergence of a new influenza pandemic virus. BMC Infectious Diseases, 2012, 12, 309.	1.3	45
568	Real-time numerical forecast of global epidemic spreading: case study of 2009 A/H1N1pdm. BMC Medicine, 2012, 10, 165.	2.3	230
569	The Anticipated Severity of a â€œ1918-Likeâ€•Influenza Pandemic in Contemporary Populations: The Contribution of Antibacterial Interventions. PLoS ONE, 2012, 7, e29219.	1.1	17
570	Immunogenicity and Tolerability after Two Doses of Non-Adjuvanted, Whole-Virion Pandemic Influenza A (H1N1) Vaccine in HIV-Infected Individuals. PLoS ONE, 2012, 7, e36773.	1.1	16
571	Modeling and Statistical Analysis of the Spatio-Temporal Patterns of Seasonal Influenza in Israel. PLoS ONE, 2012, 7, e45107.	1.1	27
572	Comparison of Shedding Characteristics of Seasonal Influenza Virus (Sub)Types and Influenza A(H1N1)pdm09; Germany, 2007â€“2011. PLoS ONE, 2012, 7, e51653.	1.1	98
573	Transmissibility of the highly pathogenic avian influenza virus, subtype H5N1 in domestic poultry: a spatio-temporal estimation at the global scale. Geospatial Health, 2012, 7, 135.	0.3	8
574	The 1918â€“19 Influenza Pandemic in BoyacÃ¡, Colombia. Emerging Infectious Diseases, 2012, 18, 48-56.	2.0	31
575	Screening for Influenza A(H1N1)pdm09, Auckland International Airport, New Zealand. Emerging Infectious Diseases, 2012, 18, 866-868.	2.0	23
576	Influenza Pandemics. Advances in Experimental Medicine and Biology, 2012, 719, 81-103.	0.8	16
577	A universal model for mobility and migration patterns. Nature, 2012, 484, 96-100.	13.7	1,027
578	Dynamic modeling for pandemic influenza. Expert Review of Vaccines, 2012, 11, 543-546.	2.0	4
579	Modeling Optimal Age-Specific Vaccination Strategies Against Pandemic Influenza. Bulletin of Mathematical Biology, 2012, 74, 958-980.	0.9	75
580	Evaluation of intervention strategies in schools including ventilation for influenza transmission control. Building Simulation, 2012, 5, 29-37.	3.0	13
581	An extensible simulation environment and movement metrics for testing walking behavior in agent-based models. Computers, Environment and Urban Systems, 2012, 36, 1-17.	3.3	58

#	Article	IF	Citations
582	The Evolution of HLA‑B*3501 Binding Affinity to Variable Immunodominant NP$_{418‑426}$ Peptides from 1918 to 2009 Pandemic Influenza A Virus: A Molecular Dynamics Simulation and Free Energy Calculation Study. Chemical Biology and Drug Design, 2012, 79, 1025-1032.	1.5	1
583	Dynamic redistribution of mitigation resources during influenza pandemics. Socio-Economic Planning Sciences, 2012, 46, 33-45.	2.5	25
584	The effect of public health interventions on the spread of influenza among cities. Journal of Theoretical Biology, 2012, 293, 131-142.	0.8	19
585	A modeling study of school closure to reduce influenza transmission: A case study of an influenza A (H1N1) outbreak in a private Thai school. Mathematical and Computer Modelling, 2012, 55, 1021-1033.	2.0	16
586	Coupling infectious diseases, human preventive behavior, and networks – A conceptual framework for epidemic modeling. Social Science and Medicine, 2012, 74, 167-175.	1.8	38
587	Inhibiting host–pathogen interactions using membrane-based nanostructures. Trends in Biotechnology, 2012, 30, 323-330.	4.9	15
588	Using Cellular Automata to study the effect of competition for epidemic diseases. Procedia Environmental Sciences, 2012, 13, 1010-1018.	1.3	5
589	Effectiveness of hand hygiene and provision of information in preventing influenza cases requiring hospitalization. Preventive Medicine, 2012, 54, 434-439.	1.6	52
590	Review of the pandemic (H1N1) 2009 among pregnant Japanese women. Journal of Obstetrics and Gynaecology Research, 2012, 38, 757-762.	0.6	22
591	Spatial Approaches to Modeling Dispersion of Communicable Diseases – A Review. Transactions in GIS, 2013, 17, 1-17.	1.0	29
592	Risk factors and effectiveness of preventive measures against influenza in the community. Influenza and Other Respiratory Viruses, 2013, 7, 177-183.	1.5	25
593	Preventable and non-preventable risk factors for influenza transmission and hygiene behavior in German influenza households, pandemic season (H1N1) 2009/2010. Influenza and Other Respiratory Viruses, 2013, 7, 418-425.	1.5	8
594	Trends in parameterization, economics and host behaviour in influenza pandemic modelling: a review and reporting protocol. Emerging Themes in Epidemiology, 2013, 10, 3.	1.2	17
595	The Role of Caretakers in Disease Dynamics. Journal of Statistical Physics, 2013, 152, 787-798.	0.5	5
596	Effects of City-Size Heterogeneity on Epidemic Spreading in a Metapopulation: A Reaction-Diffusion Approach. Journal of Statistical Physics, 2013, 151, 367-382.	0.5	15
597	Inferring Contagion Patterns in Social Contact Networks with Limited Infection Data. Networks and Spatial Economics, 2013, 13, 399-426.	0.7	19
598	Estimating traveler populations at airport and cruise terminals for population distribution and dynamics. Natural Hazards, 2013, 68, 1325-1342.	1.6	9
599	Operations Research and Health Care Policy. Profiles in Operations Research, 2013, , .	0.3	10

#	Article	IF	Citations
600	H5N1 vaccines in humans. Virus Research, 2013, 178, 78-98.	1.1	83
601	Policies to Reduce Influenza in the Workplace: Impact Assessments Using an Agent-Based Model. American Journal of Public Health, 2013, 103, 1406-1411.	1.5	97
602	Vaccination strategies for future influenza pandemics: a severity-based cost effectiveness analysis. BMC Infectious Diseases, 2013, 13, 81.	1.3	29
603	Can informal social distancing interventions minimize demand for antiviral treatment during a severe pandemic?. BMC Public Health, 2013, 13, 669.	1.2	8
604	Economic analysis of pandemic influenza mitigation strategies for five pandemic severity categories. BMC Public Health, 2013, 13, 211.	1.2	22
605	A geographic analysis of population density thresholds in the influenza pandemic of 1918â€"19. International Journal of Health Geographics, 2013, 12, 9.	1.2	48
607	Mathematical modelling and prediction in infectious disease epidemiology. Clinical Microbiology and Infection, 2013, 19, 999-1005.	2.8	182
608	Epidemic models with uncertainty in the reproduction number. Journal of Mathematical Biology, 2013, 66, 1463-1474.	0.8	28
609	How simulations fail. SynthÃ˜se, 2013, 190, 2367-2390.	0.6	38
610	Influence of extreme weather and meteorological anomalies on outbreaks of influenza A (H1N1). Science Bulletin, 2013, 58, 741-749.	1.7	24
611	Understanding the Cost-Effectiveness of Influenza Vaccination in Children: Methodological Choices and Seasonal Variability. Pharmacoeconomics, 2013, 31, 693-702.	1.7	19
612	Co-circulation of influenza A virus strains and emergence of pandemic via reassortment: The role of cross-immunity. Epidemics, 2013, 5, 20-33.	1.5	20
613	The scaling of contact rates with population density for the infectious disease models. Mathematical Biosciences, 2013, 244, 125-134.	0.9	200
614	Transmission dynamics of the 2009 influenza A (H1N1) pandemic in India: The impact of holiday-related school closure. Epidemics, 2013, 5, 157-163.	1.5	35
615	Cross-protection by co-immunization with influenza hemagglutinin DNA and inactivated virus vaccine using coated microneedles. Journal of Controlled Release, 2013, 172, 579-588.	4.8	55
616	Antiviral stockpiles for influenza pandemics from the household perspective: Treatment alone versus treatment with prophylaxis. Epidemics, 2013, 5, 92-97.	1.5	1
617	Surviving another influenza threat. Reviews in Medical Virology, 2013, 23, 267-268.	3.9	1
618	Coming to an Airport Near You. Science, 2013, 342, 1330-1331.	6.0	1

#	Article	IF	Citations
619	The Hidden Geometry of Complex, Network-Driven Contagion Phenomena. Science, 2013, 342, 1337-1342.	6.0	941
620	Asymptotic profile of the positive steady state for an SIS epidemic reactionâ€"diffusion model: Effects of epidemic risk and population movement. Physica D: Nonlinear Phenomena, 2013, 259, 8-25.	1.3	111
621	Routes of influenza transmission. Influenza and Other Respiratory Viruses, 2013, 7, 42-51.	1.5	192
622	FRED (A Framework for Reconstructing Epidemic Dynamics): an open-source software system for modeling infectious diseases and control strategies using census-based populations. BMC Public Health, 2013, 13, 940.	1.2	159
623	Containing the accidental laboratory escape of potential pandemic influenza viruses. BMC Medicine, 2013, 11, 252.	2.3	30
624	The 2009 influenza A (H1N1) pandemic. Bundesgesundheitsblatt - Gesundheitsforschung - Gesundheitsschutz, 2013, 56, 67-75.	7.2	6
627	Simulation modeling for pandemic decision making: A case study with bi-criteria analysis on school closures. Decision Support Systems, 2013, 55, 564-575.	3.5	28
628	Selecting Nonpharmaceutical Interventions for Influenza. Risk Analysis, 2013, 33, 1473-1488.	1.5	13
629	Modeling and Simulating Influenza with Immune-B. , 2013, , .		0
630	Community immunity. , 2013, , 1395-1412.		14
631	A Review of Simulation Modelling Approaches Used for the Spread of Zoonotic Influenza Viruses in Animal and Human Populations. Zoonoses and Public Health, 2013, 60, 383-411.	0.9	32
632	Household transmission of influenza A and B in a school-based study of non-pharmaceutical interventions. Epidemics, 2013, 5, 181-186.	1.5	18
633	Optimization methods for decision making in disease prevention and epidemic control. Mathematical Biosciences, 2013, 246, 213-227.	0.9	9
634	Cross-immunity-induced backward bifurcation for a model of transmission dynamics of two strains of influenza. Nonlinear Analysis: Real World Applications, 2013, 14, 1384-1403.	0.9	20
635	Evaluation of strategies to mitigate contagion spread using social network characteristics. Social Networks, 2013, 35, 75-88.	1.3	36
636	Human ecology in pathogenic landscapes: two hypotheses on how land use change drives viral emergence. Current Opinion in Virology, 2013, 3, 79-83.	2.6	137
637	Risks of an epidemic in a two-layered railway-local area traveling network. European Physical Journal B, 2013, 86, 13.	0.6	26
638	Pathogen Mutation Modeled by Competition Between Site and Bond Percolation. Physical Review Letters, 2013, 110, 108103.	2.9	25

#	Article	IF	Citations
639	Towards multiscale modeling of influenza infection. Journal of Theoretical Biology, 2013, 332, 267-290.	0.8	63
641	On evaluation of infection probabilities for different age groups. BioSystems, 2013, 112, 305-308.	0.9	0
642	Choosing pandemic parameters for pandemic preparedness planning: A comparison of pandemic scenarios prior to and following the influenza A(H1N1) 2009 pandemic. Health Policy, 2013, 109, 52-62.	1.4	8
643	Economic evaluation of the vaccination program against seasonal and pandemic A/H1N1 influenza among customs officers in Greece. Health Policy, 2013, 109, 71-77.	1.4	8
644	Evaluating Strategies for Pandemic Response in Delhi Using Realistic Social Networks. , 2013, , .		3
645	Pandemic influenza in Papua New Guinea: a modelling study comparison with pandemic spread in a developed country. BMJ Open, 2013, 3, e002518.	0.8	18
646	Socioeconomic, cultural and behavioural features of prior and anticipated influenza vaccine uptake in urban and rural Pune district, India: a mixed-methods case study: TableÂ1. BMJ Open, 2013, 3, e002573.	0.8	6
647	Combined Administration of MF59-Adjuvanted A/H5N1 Prepandemic and Seasonal Influenza Vaccines: Long-Term Antibody Persistence and Robust Booster Responses 1 Year after a One-Dose Priming Schedule. Vaccine Journal, 2013, 20, 753-758.	3.2	3
648	Cost-effectiveness of workplace closure and travel restriction for mitigating influenza outbreaks. , 2013, , .		4
649	Effect of Winter School Breaks on Influenza-like Illness, Argentina, 2005â€"2008. Emerging Infectious Diseases, 2013, 19, 938-944.	2.0	20
650	The Timing and Targeting of Treatment in Influenza Pandemics Influences the Emergence of Resistance in Structured Populations. PLoS Computational Biology, 2013, 9, e1002912.	1.5	11
651	Vaccination Perceptions and Barriers of School Employees. Journal of School Nursing, 2013, 29, 284-293.	0.9	11
652	The Effects of City Streets on an Urban Disease Vector. PLoS Computational Biology, 2013, 9, e1002801.	1.5	39
653	Coalescent inference for infectious disease: meta-analysis of hepatitis C. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120314.	1.8	43
654	Epidemiological consequences of household-based antiviral prophylaxis for pandemic influenza. Journal of the Royal Society Interface, 2013, 10, 20121019.	1.5	32
655	Virulence attenuation during an influenza A/H5N1 pandemic. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120207.	1.8	17
656	Contrasting the epidemiological and evolutionary dynamics of influenza spatial transmission. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120199.	1.8	38
657	Unravelling daily human mobility motifs. Journal of the Royal Society Interface, 2013, 10, 20130246.	1.5	379

#	ARTICLE	IF	CITATIONS
658	A New Framework and Software to Estimate Time-Varying Reproduction Numbers During Epidemics. American Journal of Epidemiology, 2013, 178, 1505-1512.	1.6	1,206
659	Identifying optimal mitigation strategies for responding to a mild influenza epidemic. Simulation, 2013, 89, 1400-1415.	1.1	4
660	Effectiveness of a School District Closure for Pandemic Influenza A (H1N1) on Acute Respiratory Illnesses in the Community: A Natural Experiment. Clinical Infectious Diseases, 2013, 56, 509-516.	2.9	41
661	Review of Operations Research Tools and Techniques Used for Influenza Pandemic Planning. Profiles in Operations Research, 2013, , 225-247.	0.3	3
662	Influenza Vaccine Effectiveness in the Community and the Household. Clinical Infectious Diseases, 2013, 56, 1363-1369.	2.9	174
663	Optimal intervention strategies for an epidemic: A household view. Simulation, 2013, 89, 1505-1522.	1.1	3
664	Using model‐based evidence in the governance of pandemics. Sociology of Health and Illness, 2013, 35, 280-291.	1.1	30
665	A penalized likelihood approach to estimate within-household contact networks from egocentric data. Journal of the Royal Statistical Society Series C: Applied Statistics, 2013, 62, 629-648.	0.5	8
666	Non-Parametric Survival Analysis of Infectious Disease Data. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2013, 75, 277-303.	1.1	14
667	Risk‐Based Input‐Output Analysis of Influenza Epidemic Consequences on Interdependent Workforce Sectors. Risk Analysis, 2013, 33, 1620-1635.	1.5	58
668	Supply of neuraminidase inhibitors related to reduced influenza A (H1N1) mortality during the 2009–2010 H1N1 pandemic: summary of an ecological study. Influenza and Other Respiratory Viruses, 2013, 7, 82-86.	1.5	7
669	Global Maize Trade and Food Security: Implications from a Social Network Model. Risk Analysis, 2013, 33, 2168-2178.	1.5	71
670	PARALLEL SIMULATION OF LARGE-SCALE ARTIFICIAL SOCIETY WITH GPU AS COPROCESSOR. International Journal of Modeling, Simulation, and Scientific Computing, 2013, 04, 1350005.	0.9	2
671	Vero cell culture-derived pandemic influenza vaccines: preclinical and clinical development. Expert Review of Vaccines, 2013, 12, 395-413.	2.0	23
673	Smartphone and vehicular trajectories as data sources for agent-based infection spread modelling. Health Systems, 2013, 2, 120-133.	0.9	1
675	Ambiguity aversion and the UK government's response to swine flu. , 0, , 16-37.		2
676	Analysis of 2009 pandemic influenza A/H1N1 outcomes in 19 European countries: association with completeness of national strategic plans. BMJ Open, 2013, 3, e002253.	0.8	3
677	Proximity-based modelling of cross-contamination through agent-based simulation: a feasibility study. Health Systems, 2013, 2, 61-71.	0.9	3

#	ARTICLE	IF	CITATIONS
678	Analysis of Critical Phenomenon on Gossip Protocol using Back-Ultradiscretization. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 418-423.	0.4	0
679	Effectiveness of Border Screening for Detecting Influenza in Arriving Airline Travelers. American Journal of Public Health, 2013, 103, 1412-1418.	1.5	20
680	Modeling the effect of transient populations on epidemics in Washington DC. Scientific Reports, 2013, 3, 3152.	1.6	19
681	Predicting and controlling infectious disease epidemics using temporal networks. F1000prime Reports, 2013, 5, 6.	5.9	149
682	The Cost Effectiveness of Pandemic Influenza Interventions: A Pandemic Severity Based Analysis. PLoS ONE, 2013, 8, e61504.	1.1	34
683	Enhancement of Collective Immunity in Tokyo Metropolitan Area by Selective Vaccination against an Emerging Influenza Pandemic. PLoS ONE, 2013, 8, e72866.	1.1	8
684	Potential Impact of Influenza A/H1N1 Pandemic and Hand-Gels on Acute Diarrhea Epidemic in France. PLoS ONE, 2013, 8, e75226.	1.1	7
685	Factors Associated with Household Transmission of Pandemic (H1N1) 2009 among Self-Quarantined Patients in Beijing, China. PLoS ONE, 2013, 8, e77873.	1.1	10
686	Quantification of viral infection dynamics in animal experiments. Frontiers in Microbiology, 2013, 4, 264.	1.5	11
687	Commuter Mobility and the Spread of Infectious Diseases: Application to Influenza in France. PLoS ONE, 2014, 9, e83002.	1.1	60
688	Optimized Strategy for the Control and Prevention of Newly Emerging Influenza Revealed by the Spread Dynamics Model. PLoS ONE, 2014, 9, e84694.	1.1	4
689	Effect of the One-Child Policy on Influenza Transmission in China: A Stochastic Transmission Model. PLoS ONE, 2014, 9, e84961.	1.1	13
690	Positive Network Assortativity of Influenza Vaccination at a High School: Implications for Outbreak Risk and Herd Immunity. PLoS ONE, 2014, 9, e87042.	1.1	76
691	Aflatoxin Regulations and Global Pistachio Trade: Insights from Social Network Analysis. PLoS ONE, 2014, 9, e92149.	1.1	47
692	Epidemic Process over the Commute Network in a Metropolitan Area. PLoS ONE, 2014, 9, e98518.	1.1	22
693	Demonstrating the Use of High-Volume Electronic Medical Claims Data to Monitor Local and Regional Influenza Activity in the US. PLoS ONE, 2014, 9, e102429.	1.1	59
694	Modeling Dynamics of Culex pipiens Complex Populations and Assessing Abatement Strategies for West Nile Virus. PLoS ONE, 2014, 9, e108452.	1.1	28
695	Optimal design of studies of influenza transmission in households. II: Comparison between cohort and case-ascertained studies. Epidemiology and Infection, 2014, 142, 744-752.	1.0	15

#	ARTICLE	IF	CITATIONS
696	myEpi. Epidemiology of One. Frontiers in Public Health, 2014, 2, 97.	1.3	4
697	Antiviral Prophylaxis and Isolation for the Control of Pandemic Influenza. International Journal of Environmental Research and Public Health, 2014, 11, 7690-7712.	1.2	5
699	Modeling Influenza Pandemic and Planning Food Distribution. Manufacturing and Service Operations Management, 2014, 16, 11-27.	2.3	108
700	A phase II study of an investigational tetravalent influenza vaccine formulation combining MF59^{Â®}. Human Vaccines and Immunotherapeutics, 2014, 10, 92-99.	1.4	7
701	Simulation of influenza propagation: Model development, parameter estimation, and mitigation strategies. IIE Transactions on Healthcare Systems Engineering, 2014, 4, 27-48.	0.8	7
702	Transmission dynamics and control of Ebola virus disease (EVD): a review. BMC Medicine, 2014, 12, 196.	2.3	300
703	Long-term outcome of the humoral and cellular immune response of an H5N1 adjuvanted influenza vaccine in elderly persons: 2-year follow-up of a randomised open-label study. Trials, 2014, 15, 419.	0.7	5
704	Strategies for Controlling Non-Transmissible Infection Outbreaks Using a Large Human Movement Data Set. PLoS Computational Biology, 2014, 10, e1003809.	1.5	6
705	Network epidemiology and plant trade networks. AoB PLANTS, 2014, 6, .	1.2	21
706	Inferring Contagion Patterns in Social Contact Networks Using a Maximum Likelihood Approach. Natural Hazards Review, 2014, 15, .	0.8	11
707	Spatial Transmission of 2009 Pandemic Influenza in the US. PLoS Computational Biology, 2014, 10, e1003635.	1.5	139
708	Long-Distance Travel Behaviours Accelerate and Aggravate the Large-Scale Spatial Spreading of Infectious Diseases. Computational and Mathematical Methods in Medicine, 2014, 2014, 1-10.	0.7	3
709	I <scp>ndemics</scp>. ACM Transactions on Modeling and Computer Simulation, 2014, 24, 1-32.	0.6	28
710	Pandemic controllability: a concept to guide a proportionate and flexible operational response to future influenza pandemics. Journal of Public Health, 2014, 36, 5-12.	1.0	18
711	Estimation of Hospital Potential Capacity and Basic Reproduction Number. Abstract and Applied Analysis, 2014, 2014, 1-5.	0.3	7
712	Adaptive Management and the Value of Information: Learning Via Intervention in Epidemiology. PLoS Biology, 2014, 12, e1001970.	2.6	98
713	Active Learning to Understand Infectious Disease Models and Improve Policy Making. PLoS Computational Biology, 2014, 10, e1003563.	1.5	24
714	Effectiveness of travel restrictions in the rapid containment of human influenza: a systematic review. Bulletin of the World Health Organization, 2014, 92, 868-880D.	1.5	104

#	Article	IF	Citations
715	Optimal distribution of the influenza vaccine. , 2014, , .		4
716	Cultural epidemiology of pandemic influenza in urban and rural Pune, India: a cross-sectional, mixed-methods study. BMJ Open, 2014, 4, e006350.	0.8	15
717	A dose-ranging study of MF59$^{\circledR}$-adjuvanted and non-adjuvanted A/H1N1 pandemic influenza vaccine in young to middle-aged and older adult populations to assess safety, immunogenicity, and antibody persistence one year after vaccination. Human Vaccines and Immunotherapeutics, 2014, 10, 2395-2407.	1.4	22
718	ISIS. , 2014, , .		15
719	Accelerating parallel agent-based epidemiological simulations. , 2014, , .		12
720	An Interactive, Web-Based High Performance Modeling Environment for Computational Epidemiology. ACM Transactions on Management Information Systems, 2014, 5, 1-27.	2.1	12
721	Microblog Topic Contagiousness Measurement and Emerging Outbreak Monitoring. , 2014, , .		7
722	Safety of AS03-adjuvanted inactivated split virion A(H1N1)pdm09 and H5N1 influenza virus vaccines administered to adults: Pooled analysis of 28 clinical trials. Human Vaccines and Immunotherapeutics, 2014, 10, 2942-2957.	1.4	22
723	On the estimation of the reproduction number based on misreported epidemic data. Statistics in Medicine, 2014, 33, 1176-1192.	0.8	35
724	Health Inequalities and Infectious Disease Epidemics: A Challenge for Global Health Security. Biosecurity and Bioterrorism, 2014, 12, 263-273.	1.2	244
725	Modeling Uncertainties in Workforce Disruptions from Influenza Pandemics Using Dynamic Inputâ€Output Analysis. Risk Analysis, 2014, 34, 401-415.	1.5	6
726	State of the Art in Risk Analysis of Workforce Criticality Influencing Disaster Preparedness for Interdependent Systems. Risk Analysis, 2014, 34, 1056-1068.	1.5	27
727	Priming for Pandemic Influenza: Thanks for the Memories. Journal of Infectious Diseases, 2014, 209, 1857-1859.	1.9	2
728	Long-term booster schedules with AS03A-adjuvanted heterologous H5N1 vaccines induces rapid and broad immune responses in Asian adults. BMC Infectious Diseases, 2014, 14, 142.	1.3	20
729	Estimates of the reproduction number for seasonal, pandemic, and zoonotic influenza: a systematic review of the literature. BMC Infectious Diseases, 2014, 14, 480.	1.3	423
730	Mitigation of infectious disease at school: targeted class closure vs school closure. BMC Infectious Diseases, 2014, 14, 695.	1.3	150
731	A belief-based model for characterizing the spread of awareness and its impacts on individuals' vaccination decisions. Journal of the Royal Society Interface, 2014, 11, 20140013.	1.5	39
732	Immunogenicity and Tolerability of an MF59-adjuvanted, Egg-derived, A/H1N1 Pandemic Influenza Vaccine in Children 6â€"35 Months of Age. Pediatric Infectious Disease Journal, 2014, 33, e320-e329.	1.1	12

#	ARTICLE	IF	CITATIONS
733	Surveillance of influenza from household to community in Taiwan. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2014, 108, 213-220.	0.7	2
734	Safety and Immunogenicity of a Vero Cell Culture-Derived Whole-Virus H5N1 Influenza Vaccine in Chronically Ill and Immunocompromised Patients. Vaccine Journal, 2014, 21, 867-876.	3.2	11
735	Age-Specific Patterns of Influenza Activity in Utah: Do Older School Age Children Drive the Epidemic?. Journal of the Pediatric Infectious Diseases Society, 2014, 3, 163-167.	0.6	5
736	Research in Public Health for Efficient, Effective, and Equitable Outcomes. , 2014, , 216-239.		5
737	A GIS-based urban simulation model for environmental health analysis. Environmental Modelling and Software, 2014, 58, 1-11.	1.9	20
738	The schedule effect: Can recurrent peak infections be reduced without vaccines, quarantines or school closings?. Mathematical Biosciences, 2014, 248, 46-53.	0.9	11
739	Evaluation of monophosphoryl lipid A as adjuvant for pulmonary delivered influenza vaccine. Journal of Controlled Release, 2014, 174, 51-62.	4.8	44
740	Influenza vaccination in kids, are you kidding me?. Journal of Infection, 2014, 68, S100-S107.	1.7	5
742	Social Computing, Behavioral-Cultural Modeling and Prediction. Lecture Notes in Computer Science, 2014, , .	1.0	4
743	Mucosal Immunization with a Candidate Universal Influenza Vaccine Reduces Virus Transmission in a Mouse Model. Journal of Virology, 2014, 88, 6019-6030.	1.5	49
744	Existence of traveling wave solutions for influenza model with treatment. Journal of Mathematical Analysis and Applications, 2014, 419, 469-495.	0.5	50
745	Epidemic spreading on hierarchical geographical networks with mobile agents. Communications in Nonlinear Science and Numerical Simulation, 2014, 19, 1301-1312.	1.7	24
746	Dynamics of infectious diseases. Reports on Progress in Physics, 2014, 77, 026602.	8.1	103
747	Pandemic H1N1 virus transmission and shedding dynamics in index case households of a prospective Vietnamese cohort. Journal of Infection, 2014, 68, 581-590.	1.7	39
748	Epidemic spreading on weighted adaptive networks. Physica A: Statistical Mechanics and Its Applications, 2014, 399, 16-23.	1.2	36
749	Influential disease foci in epidemics and underlying mechanisms: a field experiment and simulations. , 2014, 24, 1854-1862.		27
750	Factors Influencing School Closure and Dismissal Decisions: Influenza A (<scp>H1N1</scp>), Michigan 2009. Journal of School Health, 2014, 84, 56-62.	0.8	17
751	Safety, Reactogenicity, and Immunogenicity of Inactivated Monovalent Influenza A(H5N1) Virus Vaccine Administered With or Without AS03 Adjuvant. Open Forum Infectious Diseases, 2014, 1, ofu091.	0.4	20

#	ARTICLE	IF	CITATIONS
752	Spatial epidemiology of networked metapopulation: an overview. Science Bulletin, 2014, 59, 3511-3522.	1.7	169
753	Broad Protection against Avian Influenza Virus by Using a Modified Vaccinia Ankara Virus Expressing a Mosaic Hemagglutinin Gene. Journal of Virology, 2014, 88, 13300-13309.	1.5	39
754	A model-based economic analysis of pre-pandemic influenza vaccination cost-effectiveness. BMC Infectious Diseases, 2014, 14, 266.	1.3	20
755	Modeling triple-diffusions of infectious diseases, information, andÂpreventive behaviors through a metropolitan social networkâ€"An agent-based simulation. Applied Geography, 2014, 50, 31-39.	1.7	42
756	Epidemic dynamics of a vector-borne disease on a villages-and-city star network with commuters. Journal of Theoretical Biology, 2014, 343, 120-126.	0.8	15
757	Modelling the continental-scale spread of Schmallenberg virus in Europe: Approaches and challenges. Preventive Veterinary Medicine, 2014, 116, 404-411.	0.7	18
758	Cellular DDX21 RNA Helicase Inhibits Influenza A Virus Replication but Is Counteracted by the Viral NS1 Protein. Cell Host and Microbe, 2014, 15, 484-493.	5.1	96
759	Transport and clinical practice. Journal of Transport and Health, 2014, 1, 73-80.	1.1	7
760	The spread process of epidemic influenza in the continental United States, 1968â€"2008. Spatial and Spatio-temporal Epidemiology, 2014, 8, 35-45.	0.9	5
761	Modeling the impact of twitter on influenza epidemics. Mathematical Biosciences and Engineering, 2014, 11, 1337-1356.	1.0	46
762	Health and Economic Benefits of Early Vaccination and Nonpharmaceutical Interventions for a Human Influenza A (H7N9) Pandemic. Annals of Internal Medicine, 2014, 160, 684.	2.0	17
763	Design of non-pharmaceutical intervention strategies for pandemic influenza outbreaks. BMC Public Health, 2014, 14, 1328.	1.2	18
764	An analysis of influenza outbreaks in institutions and enclosed societies. Epidemiology and Infection, 2014, 142, 107-113.	1.0	27
765	Unraveling R_0: Considerations for Public Health Applications. American Journal of Public Health, 2014, 104, e32-e41.	1.5	121
766	The influence of school holiday timing on epidemic impact. Epidemiology and Infection, 2014, 142, 1963-1971.	1.0	28
767	Modeling workplace contact networks: The effects of organizational structure, architecture, and reporting errors on epidemic predictions. Network Science, 2015, 3, 298-325.	0.8	30
768	Case-ascertained study of household transmission of seasonal influenza â€" South Africa, 2013. Journal of Infection, 2015, 71, 578-586.	1.7	10
769	Control of epidemics on complex networks: Effectiveness of delayed isolation. Physical Review E, 2015, 92, 022822.	0.8	10

#	Article	IF	Citations
770	Using Networks to Combine â€œBig Dataâ€•and Traditional Surveillance to Improve Influenza Predictions. Scientific Reports, 2015, 5, 8154.	1.6	64
772	A hemagglutinin quantification method for development of an influenza pandemic vaccine using size exclusion high performance liquid chromatography. Molecular Medicine Reports, 2015, 11, 2819-2824.	1.1	3
774	Transmission Characteristics of Different Students during a School Outbreak of (H1N1) pdm09 Influenza in China, 2009. Scientific Reports, 2014, 4, 5982.	1.6	11
775	The role of different social contexts in shaping influenza transmission during the 2009 pandemic. Scientific Reports, 2014, 4, 7218.	1.6	32
776	Multi-scale modeling for the transmission of influenza and the evaluation of interventions toward it. Scientific Reports, 2015, 5, 8980.	1.6	36
777	Disease-induced resource constraints can trigger explosive epidemics. Scientific Reports, 2015, 5, 16571.	1.6	84
778	Dynamics of Multi-stage Infections on Networks. Bulletin of Mathematical Biology, 2015, 77, 1909-1933.	0.9	14
779	Is population structure sufficient to generate area-level inequalities in influenza rates? An examination using agent-based models. BMC Public Health, 2015, 15, 947.	1.2	28
780	Evaluation of containment and mitigation strategies for an influenza A pandemic in China. Simulation, 2015, 91, 407-416.	1.1	11
781	Eficacia de la detecciÃ³n sistemÃ¡tica de la gripe en las fronteras en los viajeros que llegan por vÃa aÃ©rea. American Journal of Public Health, 2015, 105, S600-S606.	1.5	0
782	Investigating the Influence of Spatial and Temporal Granularities on Agent-Based Modeling. Geographical Analysis, 2015, 47, 321-348.	1.9	8
783	Health promotion interventions to prevent early childhood human influenza at the household level: a realist review to identify implications for programmes in <scp>H</scp>ong <scp>K</scp>ong. Journal of Clinical Nursing, 2015, 24, 891-905.	1.4	5
784	Effectiveness of Border Screening for Detecting Influenza in Arriving Airline Travelers. American Journal of Public Health, 2015, 105, S607-S613.	1.5	18
785	Evaluation of Border Entry Screening for Infectious Diseases in Humans. Emerging Infectious Diseases, 2015, 21, 197-201.	2.0	48
786	Flexible Modeling of Epidemics with an Empirical Bayes Framework. PLoS Computational Biology, 2015, 11, e1004382.	1.5	92
787	Big Data Applications in Health Sciences and Epidemiology. Handbook of Statistics, 2015, , 171-202.	0.4	9
788	A Household-Based Study of Contact Networks Relevant for the Spread of Infectious Diseases in the Highlands of Peru. PLoS ONE, 2015, 10, e0118457.	1.1	78
789	Effects of oseltamivir treatment of index patients with influenza on secondary household illness in an urban setting in Bangladesh: secondary analysis of a randomised, placebo-controlled trial. Lancet Infectious Diseases, The, 2015, 15, 654-662.	4.6	24

#	ARTICLE	IF	CITATIONS
790	A Companion to Biological Anthropology. Anthropological Review, 2015, 78, 107-108.	0.2	5
791	Influenza A Virus Shedding and Infectivity in Households. Journal of Infectious Diseases, 2015, 212, 1420-1428.	1.9	92
792	Investigation of an Outbreak of Variant Influenza A(H3N2) Virus Infection Associated With an Agricultural Fairâ€"Ohio, August 2012. Journal of Infectious Diseases, 2015, 212, 1592-1599.	1.9	17
793	Stability analysis and optimal control of an epidemic model with awareness programs by media. BioSystems, 2015, 138, 53-62.	0.9	65
794	Epidemic dynamics of infectious disease in metropolitan area and its optimal intervention strategy. IFAC-PapersOnLine, 2015, 48, 136-140.	0.5	1
796	Social Phenomena. , 2015, , .		25
797	Synthesis of a high resolution social contact network for Delhi with application to pandemic planning. Artificial Intelligence in Medicine, 2015, 65, 113-130.	3.8	17
798	Immunogenicity of heterologous H5N1 influenza booster vaccination 6 or 18 months after primary vaccination in adults: A randomized controlled clinical trial. Vaccine, 2015, 33, 559-567.	1.7	14
799	Predicting support for nonâ€pharmaceutical interventions during infectious outbreaks: a four region analysis. Disasters, 2015, 39, 125-145.	1.1	24
800	H5N1 influenza virus-like particle vaccine protects mice from heterologous virus challenge better than whole inactivated virus. Virus Research, 2015, 200, 9-18.	1.1	24
801	Usefulness and applicability of infectious disease control measures in air travel: A review. Travel Medicine and Infectious Disease, 2015, 13, 19-30.	1.5	29
802	A method for detecting and characterizing outbreaks of infectious disease from clinical reports. Journal of Biomedical Informatics, 2015, 53, 15-26.	2.5	23
803	Inference of seasonal and pandemic influenza transmission dynamics. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2723-2728.	3.3	133
804	Effect of adenosine system in the action of oseltamivir on behavior in mice. Neuroscience Letters, 2015, 599, 7-11.	1.0	3
806	Four key challenges in infectious disease modelling using data from multiple sources. Epidemics, 2015, 10, 83-87.	1.5	59
807	Inferring influenza dynamics and control in households. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9094-9099.	3.3	52
808	Effect of Influenza A(H5N1) Vaccine Prepandemic Priming on CD4+ T-Cell Responses. Journal of Infectious Diseases, 2015, 211, 1408-1417.	1.9	47
809	Targeting Importin-Î±7 as a Therapeutic Approach against Pandemic Influenza Viruses. Journal of Virology, 2015, 89, 9010-9020.	1.5	20

#	Article	IF	Citations
810	Focal Points, Endogenous Processes, and Exogenous Shocks in the Autism Epidemic. Sociological Methods and Research, 2015, 44, 272-305.	4.3	16
811	A Bayesian Ensemble Approach for Epidemiological Projections. PLoS Computational Biology, 2015, 11, e1004187.	1.5	40
812	The social benefits of private infectious disease-risk mitigation. Theoretical Ecology, 2015, 8, 467-479.	0.4	6
813	Evaluating vaccination strategies for reducing infant respiratory syncytial virus infection in low-income settings. BMC Medicine, 2015, 13, 49.	2.3	56
814	A stochastic recovery model of influenza pandemic effects on interdependent workforce systems. Natural Hazards, 2015, 77, 987-1011.	1.6	13
815	Assessing the use of antiviral treatment to control influenza. Epidemiology and Infection, 2015, 143, 1621-1631.	1.0	7
816	Public Risk Perceptions and Preventive Behaviors During the 2009 H1N1 Influenza Pandemic. Disaster Medicine and Public Health Preparedness, 2015, 9, 145-154.	0.7	54
817	Quantifying the Economic Value and Quality of Life Impact of Earlier Influenza Vaccination. Medical Care, 2015, 53, 218-229.	1.1	17
818	Prediction, risk and control of anti-influenza drugs in the Yodo River Basin, Japan during seasonal and pandemic influenza using the transmission model for infectious disease. Science of the Total Environment, 2015, 521-522, 68-74.	3.9	17
819	Paradoxical effects of coupling infectious livestock populations and imposing transport restrictions. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142805.	1.2	2
820	Estimating the United States Demand for Influenza Antivirals and the Effect on Severe Influenza Disease During a Potential Pandemic. Clinical Infectious Diseases, 2015, 60, S30-S41.	2.9	11
821	The coexistence or replacement of two subtypes of influenza. Mathematical Biosciences, 2015, 270, 1-9.	0.9	8
822	Protective practices against zoonotic infections among rural and slum communities from South Central Chile. BMC Public Health, 2015, 15, 713.	1.2	5
823	Data-Aware Vaccine Allocation Over Large Networks. ACM Transactions on Knowledge Discovery From Data, 2015, 10, 1-32.	2.5	26
824	Risk factors of pandemic influenza A / H 1 N 1 in a prospective household cohort in the general population: results from the C o P an F luâ€•F rance cohort. Influenza and Other Respiratory Viruses, 2015, 9, 43-50.	1.5	13
825	Adoption of preventive behaviors in response to the 2009 H1N1 influenza pandemic: a multiethnic perspective. Influenza and Other Respiratory Viruses, 2015, 9, 131-142.	1.5	32
826	Mobile Crowd Sensing and Computing. ACM Computing Surveys, 2015, 48, 1-31.	16.1	597
827	Refining the approach to vaccines against influenza A viruses with pandemic potential. Future Virology, 2015, 10, 1033-1047.	0.9	9

#	ARTICLE	IF	CITATIONS
828	Immunogenicity and safety of an AS03-adjuvanted H5N1 pandemic influenza vaccine in Korean adults: A phase IV, randomized, open-label, controlled study. Vaccine, 2015, 33, 2800-2807.	1.7	10
829	Six challenges in modelling for public health policy. Epidemics, 2015, 10, 93-96.	1.5	59
830	Immunogenicity and safety of AS03A-adjuvanted H5N1 influenza vaccine prepared from bulk antigen after stockpiling for 4 years. Vaccine, 2015, 33, 2189-2195.	1.7	9
831	Contact tracing and antiviral prophylaxis in the early stages of a pandemic: the probability of a major outbreak. Mathematical Medicine and Biology, 2015, 32, 331-343.	0.8	8
832	Saving Human Lives: What Complexity Science and Information Systems can Contribute. Journal of Statistical Physics, 2015, 158, 735-781.	0.5	467
833	An operational epidemiological model for calibrating agent-based simulations of pandemic influenza outbreaks. Health Care Management Science, 2016, 19, 1-19.	1.5	14
834	Predicting Influenza Dynamics using a Deep Learning Approach. International Conference on GIScience Short Paper Proceedings, 0, 1, .	0.0	2
835	Spatiotemporal enabled Content-based Image Retrieval. International Conference on GIScience Short Paper Proceedings, 2016, 1, .	0.0	0
836	Reviewing the History of Pandemic Influenza: Understanding Patterns of Emergence and Transmission. Pathogens, 2016, 5, 66.	1.2	344
837	Self-enforcing regional vaccination agreements. Journal of the Royal Society Interface, 2016, 13, 20150907.	1.5	16
838	Measurement and Modeling: Infectious Disease Modeling. , 2016, , .		1
839	Evaluation of Influenza Vaccination Efficacy: A Universal Epidemic Model. BioMed Research International, 2016, 2016, 1-8.	0.9	2
840	The Impact of Vaccination on the Epidemiology of Infectious Diseases. , 2016, , 3-31.		12
841	Individual Correlates of Infectivity of Influenza A Virus Infections in Households. PLoS ONE, 2016, 11, e0154418.	1.1	30
842	Containing Ebola at the Source with Ring Vaccination. PLoS Neglected Tropical Diseases, 2016, 10, e0005093.	1.3	54
843	Seasonal Dynamics of the Airborne Bacterial Community and Selected Viruses in a Children's Daycare Center. PLoS ONE, 2016, 11, e0151004.	1.1	46
844	Heterogeneous and Dynamic Prevalence of Asymptomatic Influenza Virus Infections. Emerging Infectious Diseases, 2016, 22, 1052-1056.	2.0	63
845	One-Health Simulation Modelling: Assessment of Control Strategies Against the Spread of Influenza between Swine and Human Populations Using <i>NAADSM</i>. Transboundary and Emerging Diseases, 2016, 63, e229-e244.	1.3	5

#	Article	IF	Citations
846	Visual analytics of geo-social interaction patterns for epidemic control. International Journal of Health Geographics, 2016, 15, 28.	1.2	14
847	Controlling influenza disease: Comparison between discrete time Markov chain and deterministic model. AIP Conference Proceedings, 2016, , .	0.3	3
848	Predicting and containing epidemic risk using friendship networks. , 2016, , .		5
849	Risk of MERS importation and onward transmission: a systematic review and analysis of cases reported to WHO. BMC Infectious Diseases, 2016, 16, 448.	1.3	50
850	Emerging Infectious Diseases:. , 2016, , 93-123.		2
851	Genetic Programming Theory and Practice XIII. Genetic and Evolutionary Computation, 2016, , .	1.0	3
852	Influenza in workplaces: transmission, workers' adherence to sick leave advice and European sick leave recommendations. European Journal of Public Health, 2016, 26, 478-485.	0.1	53
853	Compact pairwise models for epidemics with multiple infectious stages on degree heterogeneous and clustered networks. Journal of Theoretical Biology, 2016, 407, 387-400.	0.8	4
854	A generalized-growth model to characterize the early ascending phase of infectious disease outbreaks. Epidemics, 2016, 15, 27-37.	1.5	237
855	Challenges and priorities for modelling livestock health and pathogens in the context of climate change. Environmental Research, 2016, 151, 130-144.	3.7	35
856	Effects of distribution of infection rate on epidemic models. Physical Review E, 2016, 94, 022409.	0.8	8
857	Health Care Systems Engineering for Scientists and Practitioners. Springer Proceedings in Mathematics and Statistics, 2016, , .	0.1	1
858	Metapopulation and Non-proportional Vaccination Models Overview. Association for Women in Mathematics Series, 2016, , 187-207.	0.1	1
859	The 2015 global production capacity of seasonal and pandemic influenza vaccine. Vaccine, 2016, 34, 5410-5413.	1.7	69
860	Targeted disruption of influenza A virus hemagglutinin in genetically modified mice reduces viral replication and improves disease outcome. Scientific Reports, 2016, 6, 23746.	1.6	12
861	Preserving privacy whilst maintaining robust epidemiological predictions. Epidemics, 2016, 17, 35-41.	1.5	7
862	Infectious Disease Dynamics in Heterogeneous Landscapes. Annual Review of Ecology, Evolution, and Systematics, 2016, 47, 283-306.	3.8	86
863	Scale effects on spatially embedded contact networks. Computers, Environment and Urban Systems, 2016, 59, 142-151.	3.3	11

#	Article	IF	Citations
864	Potential impact of a ventilation intervention for influenza in the context of a dense indoor contact network in Hong Kong. Science of the Total Environment, 2016, 569-570, 373-381.	3.9	22
865	Limitations of discrete-time approaches to continuous-time contagion dynamics. Physical Review E, 2016, 94, 052125.	0.8	69
866	The Relationship Between School Holidays and Transmission of Influenza in England and Wales. American Journal of Epidemiology, 2016, 184, 644-651.	1.6	53
867	Identifying costâ€effective dynamic policies to control epidemics. Statistics in Medicine, 2016, 35, 5189-5209.	0.8	12
868	Data-driven outbreak forecasting with a simple nonlinear growth model. Epidemics, 2016, 17, 19-26.	1.5	28
869	Reconstructing a spatially heterogeneous epidemic: Characterising the geographic spread of 2009 A/H1N1pdm infection in England. Scientific Reports, 2016, 6, 29004.	1.6	11
870	School closure policies at municipality level for mitigating influenza spread: a model-based evaluation. BMC Infectious Diseases, 2016, 16, 576.	1.3	22
871	Stochastic modelling of infectious diseases for heterogeneous populations. Infectious Diseases of Poverty, 2016, 5, 107.	1.5	16
872	Choice of Antiviral Allocation Scheme for Pandemic Influenza Depends on Strain Transmissibility, Delivery Delay and Stockpile Size. Bulletin of Mathematical Biology, 2016, 78, 293-321.	0.9	2
873	Efficient parallel simulation of spatially-explicit agent-based epidemiological models. Journal of Parallel and Distributed Computing, 2016, 93-94, 102-119.	2.7	8
874	Flutrack.org: Open-source and linked data for epidemiology. Health Informatics Journal, 2016, 22, 962-974.	1.1	27
875	Identifying Spatial Invasion of Pandemics on Metapopulation Networks Via Anatomizing Arrival History. IEEE Transactions on Cybernetics, 2016, 46, 2782-2795.	6.2	61
876	Economic Activity and the Spread of Viral Diseases: Evidence from High Frequency Data *. Quarterly Journal of Economics, 2016, 131, 891-941.	3.8	297
877	Mechanistic Models of Infectious Disease and Their Impact on Public Health. American Journal of Epidemiology, 2016, 183, 415-422.	1.6	46
878	Influenza Immune Model Based on Agent. Lecture Notes in Electrical Engineering, 2016, , 133-141.	0.3	2
879	Design and methods of a social network isolation study for reducing respiratory infection transmission: The eX-FLU cluster randomized trial. Epidemics, 2016, 15, 38-55.	1.5	31
880	Weekends as social distancing and their effect on the spread of influenza. Computational and Mathematical Organization Theory, 2016, 22, 71-87.	1.5	9
881	Household Transmission of Influenza Virus. Trends in Microbiology, 2016, 24, 123-133.	3.5	100

#	Article	IF	Citations
882	Cross-Cultural Household Influence on Vaccination Decisions. Medical Decision Making, 2016, 36, 844-853.	1.2	13
883	Progress and Challenges in Infectious Disease Cartography. Trends in Parasitology, 2016, 32, 19-29.	1.5	85
884	The healthy workplace project: Reduced viral exposure in an office setting. Archives of Environmental and Occupational Health, 2016, 71, 157-162.	0.7	27
885	Finding Outbreak Trees in Networks with Limited Information. Networks and Spatial Economics, 2016, 16, 687-721.	0.7	10
886	Interdisciplinary pharmacometrics linking oseltamivir pharmacology, influenza epidemiology and health economics to inform antiviral use in pandemics. British Journal of Clinical Pharmacology, 2017, 83, 1580-1594.	1.1	36
887	Domestic politics and the WHOâ€™s International Health Regulations: Explaining the use of trade and travel barriers during disease outbreaks. Review of International Organizations, 2017, 12, 365-395.	2.0	23
888	A systematic review and meta-analysis of cross-reactivity of antibodies induced by oil-in-water emulsion adjuvanted influenza H5N1 virus monovalent vaccines. Vaccine, 2017, 35, 3162-3170.	1.7	15
889	Does Choice of Influenza Vaccine Type Change Disease Burden and Cost-Effectiveness in the United States? An Agent-Based Modeling Study. American Journal of Epidemiology, 2017, 185, 822-831.	1.6	13
890	A simulation-based optimization approach for mitigation of pandemic influenza. IISE Transactions on Healthcare Systems Engineering, 2017, 7, 107-120.	1.2	6
891	Assessing the use of mobile phone data to describe recurrent mobility patterns in spatial epidemic models. Royal Society Open Science, 2017, 4, 160950.	1.1	53
892	Application of an Individual-Based Transmission Hazard Model for Estimation of Influenza Vaccine Effectiveness in a Household Cohort. American Journal of Epidemiology, 2017, 186, 1380-1388.	1.6	10
893	Dynamics of host populations affected by the emerging fungal pathogen *Batrachochytrium salamandrivorans*. Royal Society Open Science, 2017, 4, 160801.	1.1	31
894	Evolution-informed forecasting of seasonal influenza A (H3N2). Science Translational Medicine, 2017, 9, .	5.8	51
895	Detecting a Surprisingly Low Transmission Distance in the Early Phase of the 2009 Influenza Pandemic. Scientific Reports, 2017, 7, 12324.	1.6	9
896	High accumulation in tobacco seeds of hemagglutinin antigen from avian (H5N1) influenza. Transgenic Research, 2017, 26, 775-789.	1.3	12
897	Mobile Platform for Multiplexed Detection and Differentiation of Disease-Specific Nucleic Acid Sequences, Using Microfluidic Loop-Mediated Isothermal Amplification and Smartphone Detection. Analytical Chemistry, 2017, 89, 11219-11226.	3.2	68
898	Opportunities and challenges in modeling emerging infectious diseases. Science, 2017, 357, 149-152.	6.0	113
899	Respiratory Protection against Pandemic and Epidemic Diseases. Trends in Biotechnology, 2017, 35, 907-910.	4.9	19

#	Article	IF	Citations
900	Natural Scales in Geographical Patterns. Scientific Reports, 2017, 7, 45823.	1.6	10
901	The design of a cloud-based tracker platform based on system-of-systems service architecture. Information Systems Frontiers, 2017, 19, 1283-1299.	4.1	8
902	Effect of edible fungal polysaccharides on improving influenza vaccine protection in mice. Food and Agricultural Immunology, 2017, 28, 981-992.	0.7	12
903	Does cost-effectiveness of influenza vaccine choice vary across the U.S.? An agent-based modeling study. Vaccine, 2017, 35, 3974-3981.	1.7	14
904	Safety and immunogenicity of an inactivated cell culture-derived H7N9 influenza vaccine in healthy adults: A phase I/II, prospective, randomized, open-label trial. Vaccine, 2017, 35, 4099-4104.	1.7	23
905	Transmission dynamics of cholera: Mathematical modeling and control strategies. Communications in Nonlinear Science and Numerical Simulation, 2017, 45, 235-244.	1.7	138
906	Exploring optimal control strategies in seasonally varying flu-like epidemics. Journal of Theoretical Biology, 2017, 412, 36-47.	0.8	28
907	Mathematical Models in Infectious Disease Epidemiology. , 2017, , 49-53.e1.		5
908	Readiness to Vaccinate Critical Personnel During an Influenza Pandemic, United States, 2015. American Journal of Public Health, 2017, 107, 1643-1645.	1.5	2
909	Induction of Apoptosis and Subsequent Phagocytosis of Virus-Infected Cells As an Antiviral Mechanism. Frontiers in Immunology, 2017, 8, 1220.	2.2	71
910	Aeroecology. , 2017, , .		14
911	Deriving effective vaccine allocation strategies for pandemic influenza: Comparison of an agent-based simulation and a compartmental model. PLoS ONE, 2017, 12, e0172261.	1.1	19
912	Human mobility and the spatial transmission of influenza in the United States. PLoS Computational Biology, 2017, 13, e1005382.	1.5	174
913	Host outdoor exposure variability affects the transmission and spread of Zika virus: Insights for epidemic control. PLoS Neglected Tropical Diseases, 2017, 11, e0005851.	1.3	34
914	Estimating disease burden of a potential A(H7N9) pandemic influenza outbreak in the United States. BMC Public Health, 2017, 17, 898.	1.2	11
915	Lessons from a decade of individual-based models for infectious disease transmission: a systematic review (2006-2015). BMC Infectious Diseases, 2017, 17, 612.	1.3	118
916	The Aerosphere as a Network Connector of Organisms and Their Diseases. , 2017, , 427-464.		0
917	Institutional Shaping of Research Priorities: A Case Study on Avian Influenza. SSRN Electronic Journal, 0, , .	0.4	0

#	Article	IF	Citations
918	Measurement and Modeling: Infectious Disease Modeling. , 2017, , 579-585.		3
919	Viral Infections, an Overview with a Focus on Prevention of Transmission. , 2017, , 368-377.		2
920	Hierarchal Fuzzy Logic Controller and Internet of Things (IoT) Information. International Journal of System Dynamics Applications, 2017, 6, 59-86.	0.3	10
921	Baloxavir: First Global Approval. Drugs, 2018, 78, 693-697.	4.9	147
922	Bursting endemic bubbles in an adaptive network. Physical Review E, 2018, 97, 042306.	0.8	7
923	Human mobility: Models and applications. Physics Reports, 2018, 734, 1-74.	10.3	522
924	Cost-utility analysis of antiviral use under pandemic influenza using a novel approach â€" linking pharmacology, epidemiology and heath economics. Epidemiology and Infection, 2018, 146, 496-507.	1.0	10
925	Optimizing targeted vaccination across cyberâ€"physical networks: an empirically based mathematical simulation study. Journal of the Royal Society Interface, 2018, 15, 20170783.	1.5	9
926	Resilience management during large-scale epidemic outbreaks. Scientific Reports, 2018, 8, 1859.	1.6	67
928	Characterizing the dynamics underlying global spread of epidemics. Nature Communications, 2018, 9, 218.	5.8	118
929	Donâ€™t close the gates. Nature Physics, 2018, 14, 331-333.	6.5	1
930	Critical regimes driven by recurrent mobility patterns of reactionâ€"diffusion processes in networks. Nature Physics, 2018, 14, 391-395.	6.5	106
931	Contagion! The BBC Four Pandemic â€" The model behind the documentary. Epidemics, 2018, 24, 49-59.	1.5	75
932	Robust qualitative estimation of time-varying contact rates in uncertain epidemics. Epidemics, 2018, 24, 98-104.	1.5	10
933	Economic Incentives in the Socially Optimal Management of Infectious Disease: When $$ R_{0} $$ is Not Enough. EcoHealth, 2018, 15, 274-289.	0.9	9
934	Global Spread of Hemorrhagic Fever Viruses: Predicting Pandemics. Methods in Molecular Biology, 2018, 1604, 3-31.	0.4	28
935	Mobile crowd sensing of human-like intelligence using social sensors: A survey. Neurocomputing, 2018, 279, 3-10.	3.5	46
936	Impact of individual behaviour change on the spread of emerging infectious diseases. Statistics in Medicine, 2018, 37, 948-969.	0.8	34

#	Article	IF	Citations
937	A model for influenza with vaccination and awareness. Chaos, Solitons and Fractals, 2018, 106, 49-55.	2.5	16
939	Household members do not contact each other at random: implications for infectious disease modelling. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20182201.	1.2	31
940	The role of the hotel industry in the response to emerging epidemics: a case study of SARS in 2003 and H1N1 swine flu in 2009 in Hong Kong. Globalization and Health, 2018, 14, 117.	2.4	77
941	Unraveling R_0: Considerations for Public Health Applications. American Journal of Public Health, 2018, 108, S445-S454.	1.5	56
942	A Fréchet tree distance measure to compare phylogeographic spread paths across trees. Scientific Reports, 2018, 8, 17000.	1.6	2
943	Measurability of the epidemic reproduction number in data-driven contact networks. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12680-12685.	3.3	199
944	El número reproductivo básico (R_0): consideraciones para su aplicación en la salud pública. American Journal of Public Health, 2018, 108, S455-S465.	1.5	10
945	The Radiation-Transmission-Reception (RTR) model of propagation: Implications for the effectiveness of network interventions. PLoS ONE, 2018, 13, e0207865.	1.1	6
946	Paid sick leave benefits, influenza vaccination, and taking sick days due to influenza-like illness among U.S. workers. Vaccine, 2018, 36, 7316-7323.	1.7	32
947	A multi-criterion approach to optimal vaccination planning: Method and solution. Computers and Industrial Engineering, 2018, 126, 637-649.	3.4	18
948	Public Health Disasters: A Global Ethical Framework. Advancing Global Bioethics, 2018, , .	0.8	8
949	Modelling the global spread of diseases: A review of current practice and capability. Epidemics, 2018, 25, 1-8.	1.5	87
951	Institutional shaping of research priorities: A case study on avian influenza. Research Policy, 2018, 47, 1975-1989.	3.3	31
952	Bistable equilibrium criteria in dengue transmission model for Malaysia. AIP Conference Proceedings, 2018, , .	0.3	0
953	Predicting Infectious Disease Using Deep Learning and Big Data. International Journal of Environmental Research and Public Health, 2018, 15, 1596.	1.2	214
954	An integer linear programming formulation for removing nodes in a network to minimize the spread of influenza virus infections. Discrete Optimization, 2018, 30, 144-167.	0.6	9
955	Exploiting routinely collected severe case data to monitor and predict influenza outbreaks. BMC Public Health, 2018, 18, 790.	1.2	3
956	Crowd on a Chip: Label-Free Human Monoclonal Antibody Arrays for Serotyping Influenza. Analytical Chemistry, 2018, 90, 9583-9590.	3.2	19

#	Article	IF	Citations
957	A large-scale location-based social network to understanding the impact of human geo-social interaction patterns on vaccination strategies in an urbanized area. Computers, Environment and Urban Systems, 2018, 72, 78-87.	3.3	16
958	A methodological framework for the evaluation of syndromic surveillance systems: a case study of England. BMC Public Health, 2018, 18, 544.	1.2	15
959	Effectiveness of workplace social distancing measures in reducing influenza transmission: a systematic review. BMC Public Health, 2018, 18, 518.	1.2	301
960	The impact of regular school closure on seasonal influenza epidemics: a data-driven spatial transmission model for Belgium. BMC Infectious Diseases, 2018, 18, 29.	1.3	90
961	Exploring scenarios of chikungunya mitigation with a data-driven agent-based model of the 2014â€"2016 outbreak in Colombia. Scientific Reports, 2018, 8, 12201.	1.6	10
962	The benefits of combining early aspecific vaccination with later specific vaccination. European Journal of Operational Research, 2018, 271, 606-619.	3.5	25
963	Community Protection. , 2018, , 1512-1531.e5.		17
964	Airborne transmission may have played a role in the spread of 2015 highly pathogenic avian influenza outbreaks in the United States. Scientific Reports, 2019, 9, 11755.	1.6	78
965	Stochastic models of influenza outbreaks on a college campus. Letters in Biomathematics, 0, , 1-14.	0.3	1
966	Precisely identifying the epidemic thresholds in real networks via asynchronous updating. Applied Mathematics and Computation, 2019, 361, 377-388.	1.4	9
967	Destination choice game: A spatial interaction theory on human mobility. Scientific Reports, 2019, 9, 9466.	1.6	28
968	Relative transmissibility of hand, foot and mouth disease from male to female individuals. Epidemiology and Infection, 2019, 147, e284.	1.0	10
969	Networks of face-to-face social contacts in Niakhar, Senegal. PLoS ONE, 2019, 14, e0220443.	1.1	6
970	Nontrivial resource requirement in the early stage for containment of epidemics. Physical Review E, 2019, 100, 032310.	0.8	17
971	Concealing Disease: Trade and Travel Barriers and the Timeliness of Outbreak Reporting. International Studies Perspectives, 2019, 20, 344-372.	0.8	20
972	Forecasted Size of Measles Outbreaks Associated With Vaccination Exemptions for Schoolchildren. JAMA Network Open, 2019, 2, e199768.	2.8	27
973	Exploring the potential public health benefits of universal influenza vaccine. Human Vaccines and Immunotherapeutics, 2019, 15, 2919-2926.	1.4	3
974	The 1918 influenza pandemic in Montevideo: The southernmost capital city in the Americas. Influenza and Other Respiratory Viruses, 2019, 13, 219-225.	1.5	4

#	Article	IF	Citations
975	Social Distancing, Quarantine, and Isolation. , 2019, , 85-94.		49
976	Emerging and Enabling Technologies in Biodefense. , 2019, , 253-281.		3
977	Are we prepared for the next influenza pandemic? Lessons from modelling different preparedness policies against four pandemic scenarios. Journal of Theoretical Biology, 2019, 481, 223-232.	0.8	17
978	Modelling population dynamics and seasonal movement to assess and predict the burden of melioidosis. PLoS Neglected Tropical Diseases, 2019, 13, e0007380.	1.3	6
979	A decision-support framework to optimize border control for global outbreak mitigation. Scientific Reports, 2019, 9, 2216.	1.6	44
980	A theoretical single-parameter model for urbanisation to study infectious disease spread and interventions. PLoS Computational Biology, 2019, 15, e1006879.	1.5	7
981	Analysis of SIR Epidemic Model with Different Basic Reproduction Numbers and Validation with HIV and TSWV Data. Iranian Journal of Science and Technology, Transaction A: Science, 2019, 43, 2385-2397.	0.7	2
983	Influenza-Related Communication and Community Mitigation Strategies: Results From the 2015 Pandemic Influenza Readiness Assessment. Health Promotion Practice, 2019, 20, 338-343.	0.9	10
984	Investing in antibiotics to alleviate future catastrophic outcomes: What is the value of having an effective antibiotic to mitigate pandemic influenza?. Health Economics (United Kingdom), 2019, 28, 556-571.	0.8	14
985	Fragility and robustness of self-sustained oscillations in an epidemiological model on small-world networks. Chaos, 2019, 29, 023119.	1.0	4
986	Fine-scale family structure shapes influenza transmission risk in households: Insights from primary schools in Matsumoto city, 2014/15. PLoS Computational Biology, 2019, 15, e1007589.	1.5	31
987	Dynamics and control strategies of infectious disease under different scenarios on hierarchical geographical networks*. Chinese Physics B, 2019, 28, 128901.	0.7	1
988	A Century of Influenza: Is the World Prepared for the Next Pandemic?. Georgetown Journal of International Affairs, 2019, 20, 163-169.	0.0	0
989	Detecting the Onset of Infectious Disease Outbreaks Using School Sign-out Logs. Epidemiology, 2019, 30, e18-e19.	1.2	1
990	Household Transmission of Seasonal Influenza From HIV-Infected and HIV-Uninfected Individuals in South Africa, 2013–2014. Journal of Infectious Diseases, 2019, 219, 1605-1615.	1.9	3
991	Indirect protection from vaccinating children against influenza in households. Nature Communications, 2019, 10, 106.	5.8	19
992	Determining the Mutation Bias of Favipiravir in Influenza Virus Using Next-Generation Sequencing. Journal of Virology, 2019, 93, .	1.5	42
993	Geographic transmission hubs of the 2009 influenza pandemic in the United States. Epidemics, 2019, 26, 86-94.	1.5	26

#	ARTICLE	IF	CITATIONS
994	Simulation of key interventions for seasonal influenza outbreak control at school in Changsha, China. Journal of International Medical Research, 2020, 48, 030006051876426.	0.4	16
995	Passivity-Based Inverse Optimal Impulsive Control for Influenza Treatment in the Host. IEEE Transactions on Control Systems Technology, 2020, 28, 94-105.	3.2	24
996	Infectious disease pandemic planning and response: Incorporating decision analysis. PLoS Medicine, 2020, 17, e1003018.	3.9	67
997	Development of a computational modeling laboratory for examining tobacco control policies: Tobacco Town. Health and Place, 2020, 61, 102256.	1.5	8
998	Handâ€Hygiene Mitigation Strategies Against Global Disease Spreading through the Air Transportation Network. Risk Analysis, 2020, 40, 723-740.	1.5	53
999	On the Progression of COVID-19 in Portugal: A Comparative Analysis of Active Cases Using Non-linear Regression. Frontiers in Public Health, 2020, 8, 495.	1.3	8
1000	Social distancing in airplane seat assignments. Journal of Air Transport Management, 2020, 89, 101915.	2.4	41
1001	Early COVID-19 Interventions Failed to Replicate 1918 St. Louis vs. Philadelphia Outcomes in the United States. Frontiers in Public Health, 2020, 8, 579559.	1.3	8
1002	Implications of human activities for (re)emerging infectious diseases, including COVID-19. Journal of Physiological Anthropology, 2020, 39, 29.	1.0	44
1004	Optimal Management of Public Perceptions During A Flu Outbreak: A Game-Theoretic Perspective. Bulletin of Mathematical Biology, 2020, 82, 139.	0.9	7
1005	Effect of school closures on mortality from coronavirus disease 2019: old and new predictions. BMJ, The, 2020, 371, m3588.	3.0	53
1006	The COVID-19: macroeconomics scenarii and role of containment in Morocco. One Health, 2020, 10, 100152.	1.5	10
1007	Exploring the role of mass immunisation in influenza pandemic preparedness: A modelling study for the UK context. Vaccine, 2020, 38, 5163-5170.	1.7	8
1008	Do national cultures matter in the containment of COVID-19?. International Journal of Sociology and Social Policy, 2020, 40, 939-961.	0.8	45
1009	How can process safety and a risk management approach guide pandemic risk management?. Journal of Loss Prevention in the Process Industries, 2020, 68, 104310.	1.7	17
1010	Human mobility restrictions and the spread of the Novel Coronavirus (2019-nCoV) in China. Journal of Public Economics, 2020, 191, 104272.	2.2	366
1011	Modeling the dispersal effect to reduce the infection of COVID-19 in Bangladesh. Sensors International, 2020, 1, 100043.	4.9	7
1012	Compensation effect between deaths from Covid-19 and crashes: The Italian case. Transportation Research Interdisciplinary Perspectives, 2020, 6, 100170.	1.6	8

#	Article	IF	Citations
1013	How the individual human mobility spatio-temporally shapes the disease transmission dynamics. Scientific Reports, 2020, 10, 11325.	1.6	37
1014	Testing of asymptomatic individuals for fast feedback-control of COVID-19 pandemic. Physical Biology, 2020, 17, 065007.	0.8	19
1015	Data-driven contact structures: From homogeneous mixing to multilayer networks. PLoS Computational Biology, 2020, 16, e1008035.	1.5	21
1017	The Right to Education and ICT during COVID-19: An International Perspective. Sustainability, 2020, 12, 9091.	1.6	52
1018	Community movement and COVID-19: a global study using Google's Community Mobility Reports. Epidemiology and Infection, 2020, 148, e284.	1.0	86
1019	Viral disease spreading in grouped population. Computer Methods and Programs in Biomedicine, 2020, 197, 105715.	2.6	10
1020	The Science of Complex Systems Is Needed to Ameliorate the Impacts of COVID-19 on Mental Health. Frontiers in Psychiatry, 2020, 11, 606035.	1.3	10
1021	The â€œstay at homeâ€•orders effect on mental health of Egyptian adults during the COVID-19 pandemic partial lockdown. International Journal of Human Rights in Healthcare, 2022, 15, 75-85.	0.6	4
1023	Estimation and Monitoring of COVID-19's Transmissibility From Publicly Available Data. Frontiers in Applied Mathematics and Statistics, 2020, 6, .	0.7	2
1024	Human Influenza Epidemiology. Cold Spring Harbor Perspectives in Medicine, 2021, 11, a038356.	2.9	15
1025	The impact of opening dedicated clinics on disease transmission during an influenza pandemic. PLoS ONE, 2020, 15, e0236455.	1.1	3
1026	Does the Prosperity of a Country Play a Role in COVID-19 Outcomes?. Disaster Medicine and Public Health Preparedness, 2020, , 1-10.	0.7	32
1027	Characterizing Norovirus Transmission from Outbreak Data, United States. Emerging Infectious Diseases, 2020, 26, 1818-1825.	2.0	12
1028	COVID-19 and SARS-CoV-2. Modeling the present, looking at the future. Physics Reports, 2020, 869, 1-51.	10.3	151
1029	Optimal control and differential game solutions for social distancing in response to epidemics of infectious diseases on networks. Optimal Control Applications and Methods, 2020, 41, 2149-2165.	1.3	8
1030	A Review of Multiâ€Compartment Infectious Disease Models. International Statistical Review, 2020, 88, 462-513.	1.1	72
1031	National Institutes of Health social and behavioral research in response to the SARS-CoV2 Pandemic. Translational Behavioral Medicine, 2020, 10, 857-861.	1.2	7
1032	Modelling lockdown and exit strategies for COVID-19 in Singapore. The Lancet Regional Health - Western Pacific, 2020, 1, 100004.	1.3	57

#	Article	IF	Citations
1033	How Reliable are Test Numbers for Revealing the COVID-19 Ground Truth and Applying Interventions?. Journal of the Indian Institute of Science, 2020, 100, 863-884.	0.9	11
1035	It runs in the family â€" Influenza vaccination and spillover effects. Journal of Health Economics, 2020, 74, 102386.	1.3	9
1036	Costing the COVID-19 Pandemic: An Exploratory Economic Evaluation of Hypothetical Suppression Policy in the United Kingdom. Value in Health, 2020, 23, 1432-1437.	0.1	33
1037	COVID-19 and the Law of Unforeseen Consequences. Pediatrics, 2020, 146, e2020019232.	1.0	1
1038	COMOKIT: A Modeling Kit to Understand, Analyze, and Compare the Impacts of Mitigation Policies Against the COVID-19 Epidemic at the Scale of a City. Frontiers in Public Health, 2020, 8, 563247.	1.3	34
1039	A preliminary study on exploring the critical success factors for developing COVID-19 preventive strategy with an economy centric approach. Management Research, 2020, 18, 357-377.	0.5	13
1040	Smoking and COVID-19: Adding Fuel to the Flame. International Journal of Molecular Sciences, 2020, 21, 6581.	1.8	76
1041	Computational Epidemiology. Health Information Science, 2020, , .	0.3	6
1042	Contact Tracing during Coronavirus Disease Outbreak, South Korea, 2020. Emerging Infectious Diseases, 2020, 26, 2465-2468.	2.0	412
1043	Addressing the Consequences of School Closure Due to COVIDâ€19 on Children's Physical and Mental Wellâ€Being. World Medical and Health Policy, 2020, 12, 300-310.	0.9	150
1044	Measuring Italian citizensâ€™ engagement in the first wave of the COVID-19 pandemic containment measures: A cross-sectional study. PLoS ONE, 2020, 15, e0238613.	1.1	36
1045	Bringing new tools, a regional focus, resource-sensitivity, local engagement and necessary discipline to mental health policy and planning. BMC Public Health, 2020, 20, 814.	1.2	15
1046	A Comprehensive Survey of Enabling and Emerging Technologies for Social Distancingâ€"Part I: Fundamentals and Enabling Technologies. IEEE Access, 2020, 8, 153479-153507.	2.6	114
1047	A Queue Management Approach for Social Distancing and Contact Tracing. , 2020, , .		1
1048	Dynamic Radial Placement and Routing in Paper Microfluidics. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2020, , 1-1.	1.9	1
1049	Epidemic spreading and control strategies in spatial modular network. Applied Network Science, 2020, 5, 95.	0.8	13
1050	Strategic spatiotemporal vaccine distribution increases the survival rate in an infectious disease like Covid-19. Scientific Reports, 2020, 10, 21594.	1.6	59
1051	DeepSOCIAL: Social Distancing Monitoring and Infection Risk Assessment in COVID-19 Pandemic. Applied Sciences (Switzerland), 2020, 10, 7514.	1.3	131

#	Article	IF	Citations
1052	COVID-19 Spread in Saudi Arabia: Modeling, Simulation and Analysis. International Journal of Environmental Research and Public Health, 2020, 17, 7744.	1.2	26
1053	â€œ#I-Am-Engagedâ€: Conceptualization and First Implementation of a Multi-Actor Participatory, Co-designed Social Media Campaign to Raise Italians Citizensâ€™ Engagement in Preventing the Spread of COVID-19 Virus. Frontiers in Psychology, 2020, 11, 567101.	1.1	13
1054	Quantitative Evaluation of Systems. Lecture Notes in Computer Science, 2020, , .	1.0	1
1055	Mathematical Models for COVID-19 Pandemic: A Comparative Analysis. Journal of the Indian Institute of Science, 2020, 100, 793-807.	0.9	118
1056	Impact assessment of full and partial stay-at-home orders, face mask usage, and contact tracing: An agent-based simulation study of COVID-19 for an urban region. Global Epidemiology, 2020, 2, 100036.	0.6	31
1057	Mathematical models as public troubles in COVID-19 infection control: following the numbers. Health Sociology Review, 2020, 29, 177-194.	1.7	49
1058	Forecasting COVID-19-Associated Hospitalizations under Different Levels of Social Distancing in Lombardy and Emilia-Romagna, Northern Italy: Results from an Extended SEIR Compartmental Model. Journal of Clinical Medicine, 2020, 9, 1492.	1.0	43
1059	Taking control amidst the chaos: Emotion regulation during the COVID-19 pandemic. Journal of Vocational Behavior, 2020, 119, 103440.	1.9	272
1060	Spread and dynamics of the COVID-19 epidemic in Italy: Effects of emergency containment measures. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10484-10491.	3.3	878
1061	Ring vaccination strategy in networks: A mixed percolation approach. Physical Review E, 2020, 101, 052309.	0.8	4
1062	Lessons from being challenged by COVID-19. Chaos, Solitons and Fractals, 2020, 137, 109923.	2.5	27
1063	Lack of effective home quarantine: The cause of the continuing prevalence of hand, foot, and mouth disease in China?. Journal of Infection and Public Health, 2020, 13, 963-969.	1.9	4
1064	Modeling mitigation of influenza epidemics by baloxavir. Nature Communications, 2020, 11, 2750.	5.8	36
1065	Involvement of the open-source community in combating the worldwide COVID-19 pandemic: a review. Journal of Medical Engineering and Technology, 2020, 44, 169-176.	0.8	35
1066	A multi-scale model quantifies the impact of limited movement of the population and mandatory wearing of face masks in containing the COVID-19 epidemic in Morocco. Mathematical Modelling of Natural Phenomena, 2020, 15, 31.	0.9	29
1067	The perceived impact of the Covid-19 epidemic: evidence from a sample of 4807 SMEs in Sichuan Province, China. Environmental Hazards, 2020, 19, 323-340.	1.4	167
1068	COVID-19 created chaos across the globe: Three novel quarantine epidemic models. Chaos, Solitons and Fractals, 2020, 138, 109928.	2.5	42
1069	Novel Dynamic Structures of 2019-nCoV with Nonlocal Operator via Powerful Computational Technique. Biology, 2020, 9, 107.	1.3	129

#	ARTICLE	IF	CITATIONS
1070	Modelling SARS-COV2 Spread in London: Approaches to Lift the Lockdown. Journal of Infection, 2020, 81, 260-265.	1.7	48
1071	Simulating the spread of epidemics in China on multi-layer transportation networks: Beyond COVID-19 in Wuhan. Europhysics Letters, 2020, 130, 48002.	0.7	15
1072	Estimating a breakpoint in the pattern of spread of COVID-19 in South Korea. International Journal of Infectious Diseases, 2020, 97, 360-364.	1.5	14
1073	Social network-based distancing strategies to flatten the COVID-19 curve in a post-lockdown world. Nature Human Behaviour, 2020, 4, 588-596.	6.2	371
1074	Using input-output analysis to model the impact of pandemic mitigation and suppression measures on the workforce. Sustainable Production and Consumption, 2020, 23, 249-255.	5.7	29
1076	Interaction analysis on transmissibility of main pathogens of hand, foot, and mouth disease. Medicine (United States), 2020, 99, e19286.	0.4	8
1078	A balance act: minimizing economic loss while controlling novel coronavirus pneumonia. Journal of Chinese Governance, 2020, 5, 249-268.	1.1	59
1080	Optimal devoted resource strategies to epidemic extinction by increasing recovery rate. International Journal of Modern Physics C, 2020, 31, 2050010.	0.8	1
1081	Managing Coronavirus Disease 2019 Spread With Voluntary Public Health Measures: Sweden as a Case Study for Pandemic Control. Clinical Infectious Diseases, 2020, 71, 3174-3181.	2.9	73
1082	Sustaining education in the age of COVID-19: a survey of synchronous web-based platforms. Quantitative Imaging in Medicine and Surgery, 2020, 10, 1422-1427.	1.1	40
1083	Statewide Interventions and Coronavirus Disease 2019 Mortality in the United States: An Observational Study. Clinical Infectious Diseases, 2021, 73, e1863-e1869.	2.9	32
1084	School attendance during a pandemic. Economics Letters, 2020, 193, 109275.	0.9	9
1085	Is Lockdown Bad for Social Anxiety in COVID-19 Regions?: A National Study in The SOR Perspective. International Journal of Environmental Research and Public Health, 2020, 17, 4561.	1.2	98
1086	Modelling the pandemic: attuning models to their contexts. BMJ Global Health, 2020, 5, e002914.	2.0	46
1087	The link between bike sharing and subway use during the COVID-19 pandemic: The case-study of New York's Citi Bike. Transportation Research Interdisciplinary Perspectives, 2020, 6, 100166.	1.6	265
1088	Letter: Neurosurgeons and Curves: The Need for Critical Appraisal of Modeling in the Post-COVID Era. Neurosurgery, 2020, 87, E523-E524.	0.6	0
1089	School closure, <scp>COVID</scp>â€19 and lunch programme: Unprecedented undernutrition crisis in lowâ€middle income countries. Journal of Paediatrics and Child Health, 2020, 56, 1013-1017.	0.4	45
1090	Detecting the Coronavirus (COVID-19). ACS Sensors, 2020, 5, 2283-2296.	4.0	196

#	ARTICLE	IF	CITATIONS
1091	Systematic selection between age and household structure for models aimed at emerging epidemic predictions. Nature Communications, 2020, 11, 906.	5.8	32
1092	Impact of temporal scales and recurrent mobility patterns on the unfolding of epidemics. Journal of Statistical Mechanics: Theory and Experiment, 2020, 2020, 024006.	0.9	22
1093	Contact Mixing Patterns and Population Movement among Migrant Workers in an Urban Setting in Thailand. International Journal of Environmental Research and Public Health, 2020, 17, 2237.	1.2	6
1094	Reviews of Science for Science Librarians: Vitamins and Trace Elements that May Be Preventive or Ameliorating in This Age of Contagion. Science and Technology Libraries, 2020, 39, 115-124.	0.8	1
1095	Double etched porous silicon nanowire arrays for impedance sensing of influenza viruses. Results in Materials, 2020, 6, 100084.	0.9	8
1096	Nonpharmaceutical Measures for Pandemic Influenza in Nonhealthcare Settingsâ€"International Travel-Related Measures. Emerging Infectious Diseases, 2020, 26, 961-966.	2.0	83
1097	Nonpharmaceutical Measures for Pandemic Influenza in Nonhealthcare Settingsâ€"Social Distancing Measures. Emerging Infectious Diseases, 2020, 26, 976-984.	2.0	466
1098	Understanding dynamics of pandemics. Turkish Journal of Medical Sciences, 2020, 50, 515-519.	0.4	88
1099	Global surveillance, travel, and trade during a pandemic. Turkish Journal of Medical Sciences, 2020, 50, 527-533.	0.4	10
1100	Mathematical modelling of COVID-19 transmission and mitigation strategies in the population of Ontario, Canada. Cmaj, 2020, 192, E497-E505.	0.9	326
1101	Pandemics, tourism and global change: a rapid assessment of COVID-19. Journal of Sustainable Tourism, 2021, 29, 1-20.	5.7	2,230
1102	Sport and exercise in times of self-quarantine: How Germans changed their behaviour at the beginning of the Covid-19 pandemic. International Review for the Sociology of Sport, 2021, 56, 305-316.	1.6	133
1103	Towards the sustainable development of smart cities through mass video surveillance: A response to the COVID-19 pandemic. Sustainable Cities and Society, 2021, 64, 102582.	5.1	107
1104	COVID-19. Scenarios of a superfluous crisis. Kybernetes, 2021, 50, 1621-1632.	1.2	3
1105	#stayhome to contain Covid-19: Neuro-SIR â€" Neurodynamical epidemic modeling of infection patterns in social networks. Expert Systems With Applications, 2021, 165, 113970.	4.4	19
1106	Buffering Academic Stress during the COVID-19 Pandemic Related Social Isolation: Grit and Growth Mindset as Protective Factors against the Impact of Loneliness. International Journal of Applied Positive Psychology, 2021, 6, 159-174.	1.2	47
1107	Estimated effectiveness of school closure and voluntary event cancellation as COVID-19 countermeasures in Japan. Journal of Infection and Chemotherapy, 2021, 27, 62-64.	0.8	25
1108	How will the second wave of the dreadful COVID-19 be with the increasing number of the infected cases and mortality in Iraq?. Vacunas, 2021, 22, 114-118.	1.1	5

#	Article	IF	Citations
1109	Reflecting on prediction strategies for epidemics. Annals of Allergy, Asthma and Immunology, 2021, 126, 338-349.	0.5	2
1110	â€œStay nearby or get checkedâ€: A Covid-19 control strategy. Infectious Disease Modelling, 2021, 6, 36-45.	1.2	10
1111	How Do Arab Tweeters Perceive the COVID-19 Pandemic?. Journal of Psycholinguistic Research, 2021, 50, 507-521.	0.7	26
1112	Job Tension and Emotional Sensitivity to COVID-19 Public Messaging and Risk Perception. Population Health Management, 2021, 24, 182-189.	0.8	2
1113	Mathematical Modeling Predicts That Strict Social Distancing Measures Would Be Needed to Shorten the Duration of Waves of COVID-19 Infections in Vietnam. Frontiers in Public Health, 2020, 8, 559693.	1.3	10
1114	2D materials as a diagnostic platform for the detection and sensing of the SARS-CoV-2 virus: a bird's-eye view. Journal of Materials Chemistry B, 2021, 9, 4608-4619.	2.9	21
1115	Social distancing and epidemic resurgence in agent-based susceptible-infectious-recovered models. Scientific Reports, 2021, 11, 130.	1.6	10
1116	Understanding the role of urban design in disease spreading. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2021, 477, .	1.0	9
1117	Traveling Agents and Indirect Epidemic Transmission. Smart Innovation, Systems and Technologies, 2021, , 371-383.	0.5	0
1118	Heterogeneous impact of a lockdown on inter-municipality mobility. Physical Review Research, 2021, 3, .	1.3	12
1119	Highâ€Resolution Agentâ€Based Modeling of COVIDâ€19 Spreading in a Small Town. Advanced Theory and Simulations, 2021, 4, 2000277.	1.3	39
1120	Maintaining Social Distancing in Pandemic Using Smartphones With Acoustic Waves. IEEE Transactions on Computational Social Systems, 2022, 9, 605-611.	3.2	24
1121	Assessing the interplay between travel patterns and SARS-CoV-2 outbreak in realistic urban setting. Applied Network Science, 2021, 6, 4.	0.8	12
1122	COVID-19 Outbreak Forecasting and Effects of Self-Restraint Against Excursions in Tokyo, Japan, as of the End of March, 2020, Before the Emergency Declaration on April 7, 2020. Journal of Disaster Research, 2021, 16, 6-11.	0.4	0
1123	An Agent-Based Digital Twin for Exploring Localized Non-pharmaceutical Interventions to Control COVID-19 Pandemic. , 2021, 6, 323-353.		20
1125	The Immediate Effect of COVID-19 Policies on Social-Distancing Behavior in the United States. Public Health Reports, 2021, 136, 245-252.	1.3	178
1126	Apuntes para la gestiÃ³n del turismo en EspaÃ±a tras la crisis sanitaria de la Covid-19. Pasos, 2021, 19, 189-194.	0.1	4
1127	Optimization of Infectious Disease Prevention and Control Policies Using Artificial Life. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 26-40.	3.4	2

#	Article	IF	Citations
1129	Mathematical modeling as a tool for policy decision making: Applications to the COVID-19 pandemic. Handbook of Statistics, 2021, , 291-326.	0.4	19
1130	The Vivid Genre of Novel Viral Attack Detection Through Predictive Analytics Using Model Description. Studies in Autonomic, Data-driven and Industrial Computing, 2021, , 509-519.	0.4	0
1131	Herd Immunity in India: A Review. European Journal of Medical and Health Sciences, 2021, 3, 18-21.	0.1	0
1132	Test-and-treat coverage and HIV virulence evolution among men who have sex with men. Virus Evolution, 2021, 7, veab011.	2.2	1
1133	Deep Reinforcement Learning for Large-Scale Epidemic Control. Lecture Notes in Computer Science, 2021, , 155-170.	1.0	10
1134	Social contacts, epidemic spreading and health system. Mathematical modeling and applications to COVID-19 infection. Mathematical Biosciences and Engineering, 2021, 18, 3384-3403.	1.0	10
1136	Modelling suggests limited change in the reproduction number from reopening Norwegian kindergartens and schools during the COVID-19 pandemic. PLoS ONE, 2021, 16, e0238268.	1.1	11
1138	COVID-19 response in a unitary state: emerging lessons from Vietnam. Policy Design and Practice, 0, , 1-17.	1.0	6
1139	Immunogenicity and safety of different dose schedules and antigen doses of an MF59-adjuvanted H7N9 vaccine in healthy adults aged 65Âyears and older. Vaccine, 2021, 39, 1339-1348.	1.7	2
1140	Deriving fine-scale models of human mobility from aggregated origin-destination flow data. PLoS Computational Biology, 2021, 17, e1008588.	1.5	3
1142	Obesity in Children and Adolescents during COVID-19 Pandemic. Children, 2021, 8, 135.	0.6	144
1143	Second waves, social distancing, and the spread of COVID-19 across the USA. Wellcome Open Research, 0, 5, 103.	0.9	2
1145	The model crisis, or how to have critical promiscuity in the time of Covid-19. Social Studies of Science, 2021, 51, 167-188.	1.5	30
1146	Covid-19 contagion, economic activity and business reopening protocols. Journal of Economic Behavior and Organization, 2021, 182, 264-284.	1.0	18
1147	The impact of uncertainty on predictions of the CovidSim epidemiological code. Nature Computational Science, 2021, 1, 128-135.	3.8	45
1149	RISK AWARENESS TO EPIDEMIC INFORMATION AND SELF-RESTRICTED TRAVEL BEHAVIOR ON CONTAGION. International Journal of Modeling, Simulation, and Scientific Computing, 2021, 24, .	0.9	1
1150	Determination and estimation of optimal quarantine duration for infectious diseases with application to data analysis of COVIDâ€19. Biometrics, 2022, 78, 691-700.	0.8	3
1152	Model-based projections for COVID-19 outbreak size and student-days lost to closure in Ontario childcare centres and primary schools. Scientific Reports, 2021, 11, 6402.	1.6	28

#	Article	IF	Citations
1153	In education we trust: on handling the COVID-19 Pandemic in the Swedish welfare state. Zeitschrift Fur Erziehungswissenschaft, 2021, 24, 503-519.	3.5	9
1154	Accounting for cross-immunity can improve forecast accuracy during influenza epidemics. Epidemics, 2021, 34, 100432.	1.5	5
1155	SARS-CoV-2 transmission and control in a hospital setting: an individual-based modelling study. Royal Society Open Science, 2021, 8, 201895.	1.1	16
1156	Model-based evaluation of school- and non-school-related measures to control the COVID-19 pandemic. Nature Communications, 2021, 12, 1614.	5.8	58
1157	Optimal strategies for social distancing and testing to control COVID-19. Journal of Theoretical Biology, 2021, 512, 110568.	0.8	56
1158	A SIR-type model describing the successive waves of COVID-19. Chaos, Solitons and Fractals, 2021, 144, 110682.	2.5	36
1159	WHO'S IN AND WHO'S OUT UNDER WORKPLACE COVID SYMPTOM SCREENING?. Journal of Policy Analysis and Management, 2021, 40, 614-641.	1.1	3
1160	Effectiveness of isolation policies in schools: evidence from a mathematical model of influenza and COVID-19. PeerJ, 2021, 9, e11211.	0.9	6
1161	COVID-19: a simple statistical model for predicting intensive care unit load in exponential phases of the disease. Scientific Reports, 2021, 11, 5018.	1.6	14
1162	The nonpharmaceutical interventionist (NPI) signs of the coronavirus pandemic: a documentary typology and case study of COVID-19 signage. Journal of Documentation, 2021, 77, 1025-1051.	0.9	3
1163	Stochastic modelling of the effects of human-mobility restriction and viral infection characteristics on the spread of COVID-19. Scientific Reports, 2021, 11, 6856.	1.6	10
1164	Analytical approximation for invasion and endemic thresholds, and the optimal control of epidemics in spatially explicit individual-based models. Journal of the Royal Society Interface, 2021, 18, 20200966.	1.5	3
1165	Mathematical model for COVID-19 management in crowded settlements and high-activity areas. International Journal of Dynamics and Control, 2021, 9, 1358-1369.	1.5	6
1167	Second waves, social distancing, and the spread of COVID-19 across the USA. Wellcome Open Research, 2020, 5, 103.	0.9	20
1169	Computational Simulation Is a Vital Resource for Navigating the COVID-19 Pandemic. Simulation in Healthcare, 2022, 17, e141-e148.	0.7	3
1170	The Geography of the Covid-19 Pandemic: A Data-Driven Approach to Exploring Geographical Driving Forces. International Journal of Environmental Research and Public Health, 2021, 18, 2803.	1.2	15
1171	Schools as Vectors of Infectious Disease Transmission during the 1918 Influenza Pandemic. Cartographica, 2021, 56, 51-63.	0.2	2
1172	Exploring individuals' effective preventive measures against epidemics through reinforcement learning*. Chinese Physics B, 2021, 30, 048901.	0.7	2

#	Article	IF	Citations
1175	Effects of weather-related social distancing on city-scale transmission of respiratory viruses: a retrospective cohort study. BMC Infectious Diseases, 2021, 21, 335.	1.3	14
1176	Agent-based simulation of pedestrian dynamics for exposure time estimation in epidemic risk assessment. Zeitschrift Fur Gesundheitswissenschaften, 2023, 31, 221-228.	0.8	27
1177	Heterogeneous Shareholders' Participation, COVID-19 Impact, and Innovation Decisions of State-Owned Firms: Evidence from China. Sustainability, 2021, 13, 4406.	1.6	12
1178	The basic reproductive number and particle-to-plaque ratio: comparison of these two parameters of viral infectivity. Virology Journal, 2021, 18, 92.	1.4	31
1179	Performance Appraisal of Select Nations in Mitigation of COVID-19 Pandemic using Entropy based TOPSIS Method. Ciencia E Saude Coletiva, 2021, 26, 1419-1428.	0.1	3
1181	Travel-related control measures to contain the COVID-19 pandemic: an evidence map. BMJ Open, 2021, 11, e041619.	0.8	14
1182	Adapting Gravity Model for Predicting the Risk of COVID -19 in Nigeria. Coronaviruses, 2021, 2, 265-271.	0.2	0
1183	Using Sequence Mining to Predict Complex Systems: A Case Study in Influenza Epidemics. Complexity, 2021, 2021, 1-16.	0.9	7
1186	Factors Associated with the Implementation of Non-Pharmaceutical Interventions for Reducing Coronavirus Disease 2019 (COVID-19): A Systematic Review. International Journal of Environmental Research and Public Health, 2021, 18, 4274.	1.2	42
1187	The Macroeconomics of Epidemics. Review of Financial Studies, 2021, 34, 5149-5187.	3.7	248
1188	Timing of social distancing policies and COVID-19 mortality: county-level evidence from the U.S.. Journal of Population Economics, 2021, 34, 1445-1472.	3.5	21
1189	Probabilistic Model for Control of an Epidemic by Isolation and Quarantine. Bulletin of Mathematical Biology, 2021, 83, 63.	0.9	0
1190	Public Preferences for Government Response Policies on Outbreak Control. Patient, 2021, 14, 347-358.	1.1	2
1191	Scalable Epidemiological Workflows to Support COVID-19 Planning and Response. , 2021, , .		8
1192	Canada's response to international travel during COVID-19 pandemic – a media analysis. BMC Public Health, 2021, 21, 1028.	1.2	3
1193	Exploring the Impact of Coronavirus Pandemic on World Prisons: An Overview of Global Responses and Future Implications. Asian Review of Social Sciences, 2021, 10, 6-15.	0.1	1
1194	Influenza forecasting for French regions combining EHR, web and climatic data sources with a machine learning ensemble approach. PLoS ONE, 2021, 16, e0250890.	1.1	5
1195	Geometric singular perturbation theory analysis of an epidemic model with spontaneous human behavioral change. Journal of Mathematical Biology, 2021, 82, 54.	0.8	12

#	ARTICLE	IF	CITATIONS
1196	Hypothetical emergence of poliovirus in 2020: part 2. exploration of the potential role of vaccines in control and eradication. Expert Review of Vaccines, 2021, 20, 1-12.	2.0	9
1197	Investigation of Knowledge, Attitude and Practice of Personal Protection Among Different Types of Workers Returning to Work Under COVID-19 Epidemic. Frontiers in Public Health, 2021, 9, 679699.	1.3	7
1198	A minimal model for household-based testing and tracing in epidemics. Physical Biology, 2021, 18, 045002.	0.8	3
1199	Agent€based models with qualitative data are thought experiments, not policy engines: A commentary on Lustick and Tetlock 2021. Futures & Foresight Science, 2021, 3, e87.	0.7	1
1200	A simple criterion to design optimal non-pharmaceutical interventions for mitigating epidemic outbreaks. Journal of the Royal Society Interface, 2021, 18, 20200803.	1.5	26
1201	Managing the COVID-19 emergency: A coordination framework to enhance response practices and actions. Technological Forecasting and Social Change, 2021, 166, 120656.	6.2	27
1202	Qualitative Analysis of an influenza model with biomedical interventions. Chaos, Solitons and Fractals, 2021, 146, 110852.	2.5	2
1203	How will the second wave of the dreadful COVID-19 be with the increasing number of the infected cases and mortality in Iraq?. Vacunas (English Edition), 2021, 22, 114-118.	0.3	1
1204	Mitigation policies, community mobility, and COVID-19 case counts in Australia, Japan, Hong Kong, and Singapore. Public Health, 2021, 194, 238-244.	1.4	28
1205	COVID-19 control strategies and intervention effects in resource limited settings: A modeling study. PLoS ONE, 2021, 16, e0252570.	1.1	5
1206	A review and agenda for integrated disease models including social and behavioural factors. Nature Human Behaviour, 2021, 5, 834-846.	6.2	71
1207	Revisiting the Effects of High-Speed Railway Transfers in the Early COVID-19 Cross-Province Transmission in Mainland China. International Journal of Environmental Research and Public Health, 2021, 18, 6394.	1.2	3
1208	COVID-19 pandemic impact on seasonal flu vaccination: A cross-sectional study. Pneumon, 2021, , 1-9.	0.6	4
1209	On the necessity of proper quarantine without lock down for 2019-nCoV in the absence of vaccine. Results in Physics, 2021, 25, 104063.	2.0	21
1210	COVID-19 and School: To Open or Not to Open, That Is the Question. The First Review on Current Knowledge. Pediatric Reports, 2021, 13, 257-278.	0.5	12
1211	Adapting an Agent-Based Model of Infectious Disease Spread in an Irish County to COVID-19. Systems, 2021, 9, 41.	1.2	7
1213	Critical behavior in interdependent spatial spreading processes with distinct characteristic time scales. Communications Physics, 2021, 4, .	2.0	5
1214	Accounting for Imported Cases in Estimating the Time-Varying Reproductive Number of Coronavirus Disease 2019 in Hong Kong. Journal of Infectious Diseases, 2021, 224, 783-787.	1.9	13

#	Article	IF	Citations
1216	Interventions to increase personal protective behaviours to limit the spread of respiratory viruses: A rapid evidence review and metaâ€analysis. British Journal of Health Psychology, 2022, 27, 215-264.	1.9	13
1217	Kinetic models for epidemic dynamics with social heterogeneity. Journal of Mathematical Biology, 2021, 83, 4.	0.8	33
1218	FPGA-accelerated Agent-Based Simulation for COVID-19. , 2021, , .		1
1219	Interferon Lambda Delays the Emergence of Influenza Virus Resistance to Oseltamivir. Microorganisms, 2021, 9, 1196.	1.6	7
1220	Stay-at-home orders associate with subsequent decreases in COVID-19 cases and fatalities in the United States. PLoS ONE, 2021, 16, e0248849.	1.1	87
1221	Control measures during the COVID-19 outbreak reduced the transmission of hand, foot, and mouth disease. Journal of Safety Science and Resilience, 2021, 2, 63-68.	1.3	8
1222	Where Do We Go From Here? A Framework for Using Susceptible-Infectious-Recovered Models for Policy Making in Emerging Infectious Diseases. Value in Health, 2021, 24, 917-924.	0.1	5
1223	JUE Insight: The geography of pandemic containment. Journal of Urban Economics, 2022, 127, 103373.	2.4	2
1225	Does city lockdown prevent the spread of COVID-19? New evidence from the synthetic control method. Global Health Research and Policy, 2021, 6, 20.	1.4	10
1226	A novel geo-hierarchical population mobility model for spatial spreading of resurgent epidemics. Scientific Reports, 2021, 11, 14341.	1.6	4
1227	The effectiveness of mobility control, shortening of restaurantsâ€™ opening hours, and working from home on control of COVID-19 spread in Japan. Health and Place, 2021, 70, 102622.	1.5	19
1228	A fractional order Covid-19 epidemic model with Mittag-Leffler kernel. Chaos, Solitons and Fractals, 2021, 148, 111030.	2.5	14
1229	A new fuzzy FUCOM-QFD approach for evaluating strategies to enhance the resilience of the healthcare sector to combat the COVID-19 pandemic. Kybernetes, 2022, 51, 1429-1451.	1.2	19
1230	Optimal test-kit-based intervention strategy of epidemic spreading in heterogeneous complex networks. Chaos, 2021, 31, 071101.	1.0	15
1231	Towards integrated production of an influenza A vaccine candidate with MDCK suspension cells. Biotechnology and Bioengineering, 2021, 118, 3996-4013.	1.7	10
1232	SARS-CoV-2 acquisition and immune pathogenesis among school-aged learners in four diverse schools. Pediatric Research, 2021, 90, 1073-1080.	1.1	6
1233	Assessing the Risk in Urban Public Transport for Epidemiologic Factors. Energies, 2021, 14, 4513.	1.6	6
1234	Social Distancing Model Utilizing Machine Learning Techniques. Studies in Systems, Decision and Control, 2022, , 41-53.	0.8	0

#	Article	IF	Citations
1235	Towards a new approach for managing pandemics: Hybrid resilience and bowtie modelling. Safety Science, 2021, 139, 105274.	2.6	8
1236	Risk perception of COVID-19: A comparative analysis of China and South Korea. International Journal of Disaster Risk Reduction, 2021, 61, 102373.	1.8	24
1237	Existence of traveling waves for a nonlocal dispersal SIR epidemic model with treatment. Journal of Mathematical Analysis and Applications, 2021, 499, 125009.	0.5	6
1238	Risk management for pandemics: a novel approach. Sustainability Science, 2021, 16, 1625-1635.	2.5	1
1239	J <scp>une</scp> : open-source individual-based epidemiology simulation. Royal Society Open Science, 2021, 8, 210506.	1.1	14
1240	Modeling indoor-level non-pharmaceutical interventions during the COVID-19 pandemic: A pedestrian dynamics-based microscopic simulation approach. Transport Policy, 2021, 109, 12-23.	3.4	42
1241	Early adoption of non-pharmaceutical interventions and COVID-19 mortality. Economics and Human Biology, 2021, 42, 101003.	0.7	16
1242	A patent review of the antimicrobial applications of lectins: Perspectives on therapy of infectious diseases. Journal of Applied Microbiology, 2022, 132, 841-854.	1.4	12
1243	TLQP: Early-stage transportation lock-down and quarantine problem. Transportation Research Part C: Emerging Technologies, 2021, 129, 103218.	3.9	14
1244	Impact of travel ban implementation on COVID-19 spread in Singapore, Taiwan, Hong Kong and South Korea during the early phase of the pandemic: a comparative study. BMC Infectious Diseases, 2021, 21, 799.	1.3	19
1245	The impact of a COVID-19 lockdown on work productivity under good and poor compliance. European Journal of Public Health, 2021, 31, 1009-1015.	0.1	8
1246	Exploring the Utility of Google Mobility Data During the COVID-19 Pandemic in India: Digital Epidemiological Analysis. JMIR Public Health and Surveillance, 2021, 7, e29957.	1.2	25
1247	On the management of COVID-19 pandemic in Italy. Health Policy, 2021, 125, 995-1001.	1.4	14
1248	Dynamical SEIR Model With Information Entropy Using COVID-19 as a Case Study. IEEE Transactions on Computational Social Systems, 2021, 8, 946-954.	3.2	18
1249	GeGen QinLian decoction alleviate influenza virus infectious pneumonia through intestinal flora. Biomedicine and Pharmacotherapy, 2021, 141, 111896.	2.5	28
1250	The importance of non-pharmaceutical interventions during the COVID-19 vaccine rollout. PLoS Computational Biology, 2021, 17, e1009346.	1.5	51
1251	Augmenting contact matrices with time-use data for fine-grained intervention modelling of disease dynamics: A modelling analysis. Statistical Methods in Medical Research, 2022, 31, 1704-1715.	0.7	4
1252	Impact of COVID-19 Pandemic Lockdown on Mental Well-Being of Norwegian Adolescents During the First Waveâ€"Socioeconomic Position and Gender Differences. Frontiers in Public Health, 2021, 9, 717747.	1.3	12

#	ARTICLE	IF	CITATIONS
1253	Developing Complexity-Informed COVID-19 Responses to Optimize Community Well-Being: A Systems Thinking Approach. Systems, 2021, 9, 68.	1.2	5
1254	Estimating the Impact of Statewide Policies to Reduce Spread of Severe Acute Respiratory Syndrome Coronavirus 2 in Real Time, Colorado, USA. Emerging Infectious Diseases, 2021, 27, 2312-2322.	2.0	11
1255	Systematic review of empirical studies comparing the effectiveness of non-pharmaceutical interventions against COVID-19. Journal of Infection, 2021, 83, 281-293.	1.7	148
1256	A data-driven epidemic model with social structure for understanding the COVID-19 infection on a heavily affected Italian province. Mathematical Models and Methods in Applied Sciences, 2021, 31, 2533-2570.	1.7	15
1257	School lockdown? Comparative analyses of responses to the COVID-19 pandemic in European countries. European Educational Research Journal, 2021, 20, 564-583.	1.4	19
1258	An integrated framework of global sensitivity analysis and calibration for spatially explicit agentâ€based models. Transactions in GIS, 2022, 26, 100-128.	1.0	2
1260	Pandemic as an impulse for the development of sustainable tourism along the Danube river. Architecture Papers of the Faculty of Architecture and Design STU, 2021, 26, 3-12.	0.1	0
1261	COVID-19 and the aviation industry: The interrelationship between the spread of the COVID-19 pandemic and the frequency of flights on the EU market. Annals of Tourism Research, 2021, 91, 103298.	3.7	33
1262	Impact of sewer overflow on public health: A comprehensive scientometric analysis and systematic review. Environmental Research, 2022, 203, 111609.	3.7	58
1263	A comparative evaluation between the impact of previous outbreaks and COVID-19 on the tourism industry. International Hospitality Review, 2022, 36, 65-82.	1.8	16
1265	Emerging Patent Landscape for Gene Therapy as a Potential Cure for COVID-19. Mathematical Problems in Engineering, 2021, 2021, 1-6.	0.6	4
1266	Immunization using a heterogeneous geo-spatial population model: A qualitative perspective on COVID-19 vaccination strategies. Procedia Computer Science, 2021, 192, 2095-2104.	1.2	5
1267	Top-Down and Bottom-Up Lockdown: Evidence from COVID-19 Prevention and Control in China. Journal of Chinese Political Science, 2021, 26, 189-211.	2.4	40
1268	Infectious Disease Epidemiology. , 2014, , 2041-2119.		22
1269	Service Networks for Public Health and Medical Preparedness: Medical Countermeasures Dispensing and Large-Scale Disaster Relief Efforts. Profiles in Operations Research, 2013, , 167-196.	0.3	3
1270	Incorporating Human Behaviour in Epidemic Dynamics: A Modelling Perspective. , 2013, , 125-137.		3
1271	Importance of Interaction Structure and Stochasticity for Epidemic Spreading: A COVID-19 Case Study. Lecture Notes in Computer Science, 2020, , 211-229.	1.0	8
1272	Critical Spatial Clusters for Vaccine Preventable Diseases. Lecture Notes in Computer Science, 2020, 12268, 213-223.	1.0	2

#	Article	IF	Citations
1273	The Epidemiology of Influenza and Its Control. , 2011, , 27-54.		12
1274	Public Health Importance and Pandemic Potentials/Threats of Influenza Viruses. , 2014, , 133-150.		1
1276	Who Were Where When? On the Use of Social Collective Intelligence in Computational Epidemiology. , 2014, , 203-225.		3
1277	Prime-Time: Symbolic Regression Takes Its Place in the Real World. Genetic and Evolutionary Computation, 2016, , 241-260.	1.0	7
1278	Pandemic Influenza: A Comparative Ethical Approach. Advancing Global Bioethics, 2018, , 59-96.	0.8	2
1279	An Individual-Based Model of Influenza in Nosocomial Environments. Lecture Notes in Computer Science, 2008, , 590-599.	1.0	10
1280	Adversarial Scheduling Analysis of Game-Theoretic Models of Norm Diffusion. , 2008, , 273-282.		1
1281	A Scalable Data Management Tool to Support Epidemiological Modeling of Large Urban Regions. Lecture Notes in Computer Science, 2007, , 546-548.	1.0	3
1282	Modeling Influenza: Pandemics and Seasonal Epidemics. Lecture Notes in Mathematics, 2008, , 321-347.	0.1	12
1283	Prioritization of Pandemic Influenza Vaccine: Rationale and Strategy for Decision Making. Current Topics in Microbiology and Immunology, 2009, 333, 495-507.	0.7	10
1285	Epidemiology and Wireless Communication: Tight Analogy or Loose Metaphor?. Lecture Notes in Computer Science, 2008, , 91-104.	1.0	11
1286	Coevolution of Epidemics, Social Networks, and Individual Behavior: A Case Study. Lecture Notes in Computer Science, 2010, , 218-227.	1.0	12
1288	The Economic Value of One Health in Relation to the Mitigation of Zoonotic Disease Risks. Current Topics in Microbiology and Immunology, 2012, , 127-151.	0.7	7
1289	Understanding Public Health Interventions: Isolation, Quarantine, Social Distancing. Disaster Resilience and Green Growth, 2020, , 333-344.	0.2	2
1290	Community immunity. , 2008, , 1573-1592.		4
1291	Risk factors for severe acute respiratory syndrome coronavirus 2 infection in pregnant women. American Journal of Obstetrics & Gynecology MFM, 2020, 2, 100198.	1.3	37
1292	Responsible modelling: Unit testing for infectious disease epidemiology. Epidemics, 2020, 33, 100425.	1.5	7
1293	Inferring super-spreading from transmission clusters of COVID-19 in Hong Kong, Japan, and Singapore. Journal of Hospital Infection, 2020, 105, 682-685.	1.4	24

#	Article	IF	Citations
1294	Behavioural Public Policy. , 2013, , .		52
1295	Living under the shadow of a pandemic: The psychological challenges underlying social distancing and awareness raising.. Psychological Trauma: Theory, Research, Practice, and Policy, 2020, 12, 508-510.	1.4	13
1296	Special report: The simulations driving the world's response to COVID-19. Nature, 2020, 580, 316-318.	13.7	356
1297	A mobility model for classical swine fever in feral pig populations. Veterinary Research, 2008, 39, 53.	1.1	8
1298	From sociology of quantification to ethics of quantification. Humanities and Social Sciences Communications, 2020, 7, .	1.3	11
1299	Effectiveness and cost-effectiveness of vaccination against pandemic influenza (H1N1) 2009. Annals of Internal Medicine, 2009, 151, 829-39.	2.0	45
1300	Heterogeneity in social and epidemiological factors determines the risk of measles outbreaks. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30118-30125.	3.3	14
1301	A minimal model for household effects in epidemics. Physical Biology, 2020, 17, 065010.	0.8	12
1302	Improving the evidence base for decision making during a pandemic: the example of 2009 influenza A/H1N1. Biosecurity and Bioterrorism, 2011, 9, 89-115.	1.2	97
1304	Introducing Evolutionary Thinking For Medicine. , 2007, , 3-16.		6
1305	Global spatial patterns of infectious diseases and human evolution. , 2007, , 19-30.		7
1306	Human genetic variation of medical significance. , 2007, , 51-62.		1
1307	Intimate relations: Evolutionary conflicts of pregnancy and childhood. , 2007, , 65-76.		5
1308	How hormones mediate trade-offs in human health and disease. , 2007, , 77-94.		12
1309	Functional significance of MHC variation in mate choice, reproductive outcome, and disease risk. , 2007, , 95-108.		3
1310	The ecology and evolution of antibiotic-resistant bacteria. , 2007, , 125-138.		9
1311	Pathogen evolution in a vaccinated world. , 2007, , 139-152.		11
1312	The evolution and expression of virulence. , 2007, , 153-168.		30

#	ARTICLE	IF	CITATIONS
1313	Evolutionary origins of diversity in human viruses. , 2007, , 169-184.		2
1314	The population structure of pathogenic bacteria. , 2007, , 185-198.		4
1315	Emergence of new infectious diseases. , 2007, , 215-228.		7
1316	Evolutionary biology as a foundation for studying aging and aging-related disease. , 2007, , 241-252.		3
1317	Evolution, developmental plasticity, and metabolic disease. , 2007, , 253-264.		8
1318	Lifestyle, diet, and disease: comparative perspectives on the determinants of chronic health risks. , 2007, , 265-276.		8
1319	An evaluation of mathematical models for the outbreak of COVID-19. Precision Clinical Medicine, 2020, 3, 85-93.	1.3	41
1320	Establishment of a UK National Influenza H5 Laboratory Network. Journal of Medical Microbiology, 2007, 56, 1263-1267.	0.7	20
1321	Origin and fate of A/H1N1 influenza in Scotland during 2009. Journal of General Virology, 2012, 93, 1253-1260.	1.3	14
1373	Physical Distancing Monitoring with Background Subtraction Methods. , 2020, , .		3
1374	PREEMPT: Scalable Epidemic Interventions Using Submodular Optimization on Multi-GPU Systems. , 2020, , .		4
1375	DAVA: Distributing Vaccines over Networks under Prior Information. , 2014, , .		29
1376	Early detection of influenza outbreak using time derivative of incidence. EPJ Data Science, 2020, 9, 28.	1.5	8
1377	Indemics. , 2010, , .		13
1378	Modeling epidemic spread with spike-based models. , 2020, , .		15
1379	Geospatial forecasting of COVID-19 spread and risk of reaching hospital capacity. SIGSPATIAL Special, 2020, 12, 25-32.	2.5	11
1380	COVID-19 ensemble models using representative clustering. SIGSPATIAL Special, 2020, 12, 33-41.	2.5	10
1381	Connecting within and between-hosts dynamics in the influenza infection-staged epidemiological models with behavior change. Journal of Coupled Systems and Multiscale Dynamics, 2015, 3, 233-243.	0.2	12

#	ARTICLE	IF	CITATIONS
1382	New investigation of bats-hosts-reservoir-people coronavirus model and application to 2019-nCoV system. Advances in Difference Equations, 2020, 2020, 391.	3.5	79
1383	An Economistâ€™s Guide to Epidemiology Models of Infectious Disease. Journal of Economic Perspectives, 2020, 34, 79-104.	2.7	65
1384	Adoption and impact of non-pharmaceutical interventions for COVID-19. Wellcome Open Research, 2020, 5, 59.	0.9	106
1385	Dynamic causal modelling of COVID-19. Wellcome Open Research, 2020, 5, 89.	0.9	32
1386	Dynamic causal modelling of COVID-19. Wellcome Open Research, 2020, 5, 89.	0.9	41
1387	Second waves, social distancing, and the spread of COVID-19 across America. Wellcome Open Research, 2020, 5, 103.	0.9	40
1388	Modeling the geographical spread of influenza A(H1N1): the case of Mexico. Applied Mathematical Sciences, 0, 7, 2143-2176.	0.0	5
1389	Critical paths in a metapopulation model of H1N1: Efficiently delaying influenza spreading through flight cancellation. PLOS Currents, 2012, 4, e4f8c9a2e1fca8.	1.4	32
1390	Spatiotemporal dynamics in the early stages of the 2009 A/H1N1 influenza pandemic. PLOS Currents, 2009, 1, RRN1026.	1.4	12
1391	Behavioural responses to influenza pandemicsWhat do we know?. PLOS Currents, 2009, 1, RRN1037.	1.4	32
1392	The severity of pandemic H1N1 influenza in the United States, April â€" July 2009. PLOS Currents, 2009, 1, RRN1042.	1.4	35
1393	The Early Transmission Dynamics of H1N1pdm Influenza in the United Kingdom. PLOS Currents, 2009, 1, RRN1130.	1.4	76
1394	Absolute Humidity and the Seasonal Onset of Influenza in the Continental US. PLOS Currents, 2009, 1, RRN1138.	1.4	31
1395	Efficient simulation of the spatial transmission dynamics of influenza. PLOS Currents, 2010, 2, RRN1141.	1.4	3
1396	Temporal Gillespie Algorithm: Fast Simulation of Contagion Processes on Time-Varying Networks. PLoS Computational Biology, 2015, 11, e1004579.	1.5	85
1397	Model-Based Comprehensive Analysis of School Closure Policies for Mitigating Influenza Epidemics and Pandemics. PLoS Computational Biology, 2016, 12, e1004681.	1.5	39
1398	Epidemiological and economic impact of pandemic influenza in Chicago: Priorities for vaccine interventions. PLoS Computational Biology, 2017, 13, e1005521.	1.5	19
1399	A model-based evaluation of the efficacy of COVID-19 social distancing, testing and hospital triage policies. PLoS Computational Biology, 2020, 16, e1008388.	1.5	22

#	ARTICLE	IF	CITATIONS
1400	The Waiting Time for Inter-Country Spread of Pandemic Influenza. PLoS ONE, 2007, 2, e143.	1.1	45
1401	Controlling Pandemic Flu: The Value of International Air Travel Restrictions. PLoS ONE, 2007, 2, e401.	1.1	246
1402	Cross-Protection against Lethal H5N1 Challenge in Ferrets with an Adjuvanted Pandemic Influenza Vaccine. PLoS ONE, 2008, 3, e1401.	1.1	148
1403	Broad Clade 2 Cross-Reactive Immunity Induced by an Adjuvanted Clade 1 rH5N1 Pandemic Influenza Vaccine. PLoS ONE, 2008, 3, e1665.	1.1	144
1404	Population-Wide Emergence of Antiviral Resistance during Pandemic Influenza. PLoS ONE, 2008, 3, e1839.	1.1	69
1405	Impact of Emerging Antiviral Drug Resistance on Influenza Containment and Spread: Influence of Subclinical Infection and Strategic Use of a Stockpile Containing One or Two Drugs. PLoS ONE, 2008, 3, e2362.	1.1	48
1406	Paradox of Vaccination: Is Vaccination Really Effective against Avian Flu Epidemics?. PLoS ONE, 2009, 4, e4915.	1.1	22
1407	Contact Profiles in Eight European Countries and Implications for Modelling the Spread of Airborne Infectious Diseases. PLoS ONE, 2009, 4, e5931.	1.1	52
1408	Breaking the Waves: Modelling the Potential Impact of Public Health Measures to Defer the Epidemic Peak of Novel Influenza A/H1N1. PLoS ONE, 2009, 4, e8356.	1.1	5
1409	Influenza Infectious Dose May Explain the High Mortality of the Second and Third Wave of 1918â€"1919 Influenza Pandemic. PLoS ONE, 2010, 5, e11655.	1.1	59
1410	Predictive Power of Air Travel and Socio-Economic Data for Early Pandemic Spread. PLoS ONE, 2010, 5, e12763.	1.1	65
1411	Efficient Simulation of the Spatial Transmission Dynamics of Influenza. PLoS ONE, 2010, 5, e13292.	1.1	20
1412	Influenza Pandemic Waves under Various Mitigation Strategies with 2009 H1N1 as a Case Study. PLoS ONE, 2010, 5, e14307.	1.1	10
1413	Close Encounters in a Pediatric Ward: Measuring Face-to-Face Proximity and Mixing Patterns with Wearable Sensors. PLoS ONE, 2011, 6, e17144.	1.1	193
1414	Intranasal Immunization with Recombinant HA and Mast Cell Activator C48/80 Elicits Protective Immunity against 2009 Pandemic H1N1 Influenza in Mice. PLoS ONE, 2011, 6, e19863.	1.1	25
1415	Equal Graph Partitioning on Estimated Infection Network as an Effective Epidemic Mitigation Measure. PLoS ONE, 2011, 6, e22124.	1.1	22
1416	Community Structure in Social Networks: Applications for Epidemiological Modelling. PLoS ONE, 2011, 6, e22220.	1.1	31
1417	Sensitivity of Household Transmission to Household Contact Structure and Size. PLoS ONE, 2011, 6, e22461.	1.1	23

#	ARTICLE	IF	CITATIONS
1418	Can Interactions between Timing of Vaccine-Altered Influenza Pandemic Waves and Seasonality in Influenza Complications Lead to More Severe Outcomes?. PLoS ONE, 2011, 6, e23580.	1.1	2
1419	Dynamic Health Policies for Controlling the Spread of Emerging Infections: Influenza as an Example. PLoS ONE, 2011, 6, e24043.	1.1	23
1420	Maintaining Vaccine Delivery Following the Introduction of the Rotavirus and Pneumococcal Vaccines in Thailand. PLoS ONE, 2011, 6, e24673.	1.1	35
1421	Evaluating Temporal Factors in Combined Interventions of Workforce Shift and School Closure for Mitigating the Spread of Influenza. PLoS ONE, 2012, 7, e32203.	1.1	18
1422	Influenza Transmission in a Community during a Seasonal Influenza A(H3N2) Outbreak (2010â€"2011) in Mongolia: A Community-Based Prospective Cohort Study. PLoS ONE, 2012, 7, e33046.	1.1	11
1423	How to Minimize the Attack Rate during Multiple Influenza Outbreaks in a Heterogeneous Population. PLoS ONE, 2012, 7, e36573.	1.1	14
1424	Supply of Neuraminidase Inhibitors Related to Reduced Influenza A (H1N1) Mortality during the 2009â€"2010 H1N1 Pandemic: An Ecological Study. PLoS ONE, 2012, 7, e43491.	1.1	9
1425	Local Variations in Spatial Synchrony of Influenza Epidemics. PLoS ONE, 2012, 7, e43528.	1.1	15
1426	Representative Contact Diaries for Modeling the Spread of Infectious Diseases in Taiwan. PLoS ONE, 2012, 7, e45113.	1.1	56
1427	Aflatoxin Regulations in a Network of Global Maize Trade. PLoS ONE, 2012, 7, e45151.	1.1	105
1428	Transmission Potential and Design of Adequate Control Measures for Marburg Hemorrhagic Fever. PLoS ONE, 2012, 7, e50948.	1.1	28
1429	The Spread of Influenza A(H1N1)pdm09 in Victorian School Children in 2009: Implications for Revised Pandemic Planning. PLoS ONE, 2013, 8, e57265.	1.1	3
1430	Optimizing Treatment Regimes to Hinder Antiviral Resistance in Influenza across Time Scales. PLoS ONE, 2013, 8, e59529.	1.1	6
1431	Effectiveness of MF59â„¢ Adjuvanted Influenza A(H1N1)pdm09 Vaccine in Risk Groups in the Netherlands. PLoS ONE, 2013, 8, e63156.	1.1	7
1432	Identifying the Relative Priorities of Subpopulations for Containing Infectious Disease Spread. PLoS ONE, 2013, 8, e65271.	1.1	29
1433	Predictive Validation of an Influenza Spread Model. PLoS ONE, 2013, 8, e65459.	1.1	20
1434	Influenza Transmission in a Cohort of Households with Children: 2010-2011. PLoS ONE, 2013, 8, e75339.	1.1	65
1435	An Efficient Immunization Strategy for Community Networks. PLoS ONE, 2013, 8, e83489.	1.1	55

#	ARTICLE	IF	CITATIONS
1436	Lattice Model for Influenza Spreading with Spontaneous Behavioral Changes. PLoS ONE, 2013, 8, e83641.	1.1	12
1437	The Effects of School Closures on Influenza Outbreaks and Pandemics: Systematic Review of Simulation Studies. PLoS ONE, 2014, 9, e97297.	1.1	137
1438	School's Out: Seasonal Variation in the Movement Patterns of School Children. PLoS ONE, 2015, 10, e0128070.	1.1	18
1439	Matrix M H5N1 Vaccine Induces Cross-H5 Clade Humoral Immune Responses in a Randomized Clinical Trial and Provides Protection from Highly Pathogenic Influenza Challenge in Ferrets. PLoS ONE, 2015, 10, e0131652.	1.1	14
1440	The French Connection: The First Large Population-Based Contact Survey in France Relevant for the Spread of Infectious Diseases. PLoS ONE, 2015, 10, e0133203.	1.1	165
1441	Substantial Impact of School Closure on the Transmission Dynamics during the Pandemic Flu H1N1-2009 in Oita, Japan. PLoS ONE, 2015, 10, e0144839.	1.1	54
1442	Efficient Vaccine Distribution Based on a Hybrid Compartmental Model. PLoS ONE, 2016, 11, e0155416.	1.1	11
1443	Spotting Epidemic Keystones by R0 Sensitivity Analysis: High-Risk Stations in the Tokyo Metropolitan Area. PLoS ONE, 2016, 11, e0162406.	1.1	4
1444	Family Practitioners' Advice about Taking Time Off Work for Lower Respiratory Tract Infections: A Prospective Study in Twelve European Primary Care Networks. PLoS ONE, 2016, 11, e0164779.	1.1	3
1445	Preventive behaviors adults report using to avoid catching or spreading influenza, United States, 2015-16 influenza season. PLoS ONE, 2018, 13, e0195085.	1.1	17
1446	Effects of voluntary event cancellation and school closure as countermeasures against COVID-19 outbreak in Japan. PLoS ONE, 2020, 15, e0239455.	1.1	19
1447	Influenza interaction with cocirculating pathogens and its impact on surveillance, pathogenesis, and epidemic profile: A key role for mathematical modelling. PLoS Pathogens, 2018, 14, e1006770.	2.1	93
1448	Characterising the epidemic spread of influenza A/H3N2 within a city through phylogenetics. PLoS Pathogens, 2020, 16, e1008984.	2.1	17
1449	Community Mitigation Guidelines to Prevent Pandemic Influenza — United States, 2017. MMWR Recommendations and Reports, 2017, 66, 1-34.	26.7	349
1450	For the future and possible ensuing waves of COVID-19: A perspective to consider when disseminating data. Journal of Population Therapeutics and Clinical Pharmacology, 2020, 27, e53-e57.	1.9	2
1454	A Hybrid Model for Disease Spread and an Application to the SARS Pandemic. Jasss, 2012, 15, .	1.0	5
1455	Recommended Mitigation Measures for an Influenza Pandemic in Remote and Isolated First Nations Communities of Ontario, Canada: A Community-Based Participatory Research Approach. International Indigenous Policy Journal, 2014, 5, .	0.3	5
1456	Longevity of protective immune responses induced by a split influenza A (H7N9) vaccine mixed with MF59 adjuvant in BALB/c mice. Oncotarget, 2017, 8, 91828-91840.	0.8	7

#	Article	IF	Citations
1457	Outbreaks of highly pathogenic avian influenza in Europe: the risks associated with wild birds. OIE Revue Scientifique Et Technique, 2009, 28, 69-92.	0.5	47
1459	How to Save Human Lives with Complexity Science. SSRN Electronic Journal, 0, , .	0.4	8
1460	Human Mobility Restrictions and the Spread of the Novel Coronavirus (2019-nCoV) in China. SSRN Electronic Journal, 0, , .	0.4	22
1461	Human Mobility Restrictions and the Spread of the Novel Coronavirus (2019-nCoV) in China. SSRN Electronic Journal, 0, , .	0.4	31
1462	COVID-19. Scenarios of a Superfluous Crisis. SSRN Electronic Journal, 0, , .	0.4	3
1463	The Immediate Effect of COVID-19 Policies on Social Distancing Behavior in the United States. SSRN Electronic Journal, 0, , .	0.4	48
1464	The Effect of Stay-at-Home Orders on COVID-19 Infections in the United States. SSRN Electronic Journal, 0, , .	0.4	10
1465	Optimal Pandemic Control: Limited Resource and Human Mobility. SSRN Electronic Journal, 0, , .	0.4	1
1466	Impact of COVID-19 Outbreak on Travel Behaviour: Evidences from early stages of the Pandemic in India. SSRN Electronic Journal, 0, , .	0.4	5
1467	The impact of social distancing policy on small and medium-sized enterprises (SMEs) in Indonesia. Problems and Perspectives in Management, 2020, 18, 492-503.	0.5	29
1468	A/H5N1 Prepandemic Influenza Vaccine (Vepacel®): A Guide to Its Use. BioDrugs, 2012, 26, 425-430.	2.2	1
1469	Real Time Influenza Monitoring Using Hospital Big Data in Combination with Machine Learning Methods: Comparison Study. JMIR Public Health and Surveillance, 2018, 4, e11361.	1.2	19
1470	COVID-19 Mobile Positioning Data Contact Tracing and Patient Privacy Regulations: Exploratory Search of Global Response Strategies and the Use of Digital Tools in Nigeria. JMIR MHealth and UHealth, 2020, 8, e19139.	1.8	94
1471	Citizen-Centered Mobile Health Apps Collecting Individual-Level Spatial Data for Infectious Disease Management: Scoping Review. JMIR MHealth and UHealth, 2020, 8, e22594.	1.8	28
1472	Epidemic Wave Dynamics Attributable to Urban Community Structure: A Theoretical Characterization of Disease Transmission in a Large Network. Journal of Medical Internet Research, 2015, 17, e169.	2.1	22
1474	Assessing the effectiveness and feasibility of implementing mitigation measures for an influenza pandemic in remote and isolated First Nations communities: a qualitative community-based participatory research approach. Rural and Remote Health, 0, , .	0.4	7
1475	Effectiveness of closure of public places with time delay in disease control. Journal of Integrative Bioinformatics, 2008, 5, .	1.0	1
1476	Public preferences for vaccination programmes during pandemics caused by pathogens transmitted through respiratory droplets â€" a discrete choice experiment in four European countries, 2013. Eurosurveillance, 2016, 21, .	3.9	31

#	ARTICLE	IF	CITATIONS
1477	Electronic real-time surveillance for influenza-like illness: experience from the 2009 influenza A(H1N1) pandemic in Denmark. Eurosurveillance, 2011, 16, .	3.9	17
1478	Social and Economic Impact of School Closure during the Outbreak of the COVID-19 Pandemic: A Quick Online Survey in the Gaza Strip. Pedagogical Research, 2020, 5, em0068.	0.7	22
1479	Real-time modelling of a pandemic influenza outbreak. Health Technology Assessment, 2017, 21, 1-118.	1.3	7
1480	Are We Ready for Coronavirus Disease 2019 Arriving at Schools?. Journal of Korean Medical Science, 2020, 35, e127.	1.1	17
1481	Review: The Important Bacterial Zoonoses in Ã¢â‚¬Å"One HealthÃ¢â‚¬Â•Concept. Frontiers in Public Health, 2014, 2, 144.	1.3	91
1482	Simulating disease transmission dynamics at a multi-scale level. , 2007, 1, 26-34.		2
1483	A Geospatial Dynamic Microsimulation Model for Household Population Projections. , 2013, 7, 119-146.		10
1484	COVID-19 and employeesâ€™ mental health: stressors, moderators and agenda for organizational actions. Emerald Open Research, 0, 2, 15.	0.0	208
1485	COVID-19 data sources: evaluation of map applications and analysis of behavior changes in Europeâ€™s population. Geografie-Sbornik CGS, 2020, 125, 171-209.	0.3	16
1486	Synthesized population databases: A US geospatial database for agent-based models. , 2009, 2009, 905.		75
1487	Attribute Assignment to a Synthetic Population in Support of Agent-Based Disease Modeling. , 2010, 19, 1-14.		19
1488	Transmission dynamics of Covid-19 in Italy, Germany and Turkey considering social distancing, testing and quarantine. Journal of Infection in Developing Countries, 2020, 14, 713-720.	0.5	6
1490	Discrete epidemic models. Mathematical Biosciences and Engineering, 2010, 7, 1-15.	1.0	68
1491	Pandemic influenza: Modelling and public health perspectives. Mathematical Biosciences and Engineering, 2011, 8, 1-20.	1.0	26
1492	A note on the use of optimal control on a discrete time model of influenza dynamics. Mathematical Biosciences and Engineering, 2011, 8, 183-197.	1.0	16
1493	Modelling seasonal influenza in Israel. Mathematical Biosciences and Engineering, 2011, 8, 561-573.	1.0	10
1494	Prioritization of delayed vaccination for pandemic influenza. Mathematical Biosciences and Engineering, 2011, 8, 95-112.	1.0	11
1495	The impact of school closures on pandemic influenza: Assessing potential repercussions using a seasonal SIR model. Mathematical Biosciences and Engineering, 2012, 9, 413-430.	1.0	7

#	Article	IF	Citations
1496	Some recent developments on linear determinacy. Mathematical Biosciences and Engineering, 2013, 10, 1419-1436.	1.0	12
1497	Optimal isolation strategies of emerging infectious diseases with limited resources. Mathematical Biosciences and Engineering, 2013, 10, 1691-1701.	1.0	11
1498	Towards Personal, Social, and Urban Awareness. Advances in Human and Social Aspects of Technology Book Series, 2014, , 1-20.	0.3	2
1499	Pandemic Influenza, Worker Absenteeism and Impacts on Critical Infrastructures. , 2009, , 265-282.		1
1500	Resource Distribution Strategies for Mitigation of Cross-Regional Influenza Pandemics. International Journal of Artificial Life Research, 2011, 2, 19-41.	0.1	1
1501	The first influenza pandemic of the 21st century. Annals of Saudi Medicine, 2010, 30, 1-10.	0.5	32
1502	The First Influenza Pandemic of the 21st Century. Annals of Saudi Medicine, 2010, 30, 1-10.	0.5	63
1503	An agent based model for simulating the spread of sexually transmitted infections. Online Journal of Public Health Informatics, 2012, 4, .	0.4	4
1504	Searching for Digital Technologies in Containment and Mitigation Strategies: Experience from South Korea COVID-19. Annals of Global Health, 2020, 86, 109.	0.8	10
1506	Past and Present Viral Pandemics: Lessons Learnt and Future Recommendations. International Journal of Health and Life Sciences, 2020, 7, .	0.5	1
1507	Breaking the HxNy outbreak. Bioinformation, 2010, 4, 338-340.	0.2	1
1508	Effectiveness and cost-effectiveness of expanded antiviral prophylaxis and adjuvanted vaccination strategies for an influenza A (H5N1) pandemic. Annals of Internal Medicine, 2009, 151, 840-53.	2.0	24
1510	Viral factors in influenza pandemic risk assessment. ELife, 2016, 5, .	2.8	82
1511	Conjunction of factors triggering waves of seasonal influenza. ELife, 2018, 7, .	2.8	35
1512	Optimal Vaccine Roll-Out Strategies with Respect to Social Distancing Measures for SARS-CoV-2 Pandemic. SSRN Electronic Journal, 0, , .	0.4	0
1513	Agent-Based Computational Epidemiological Modeling. Journal of the Indian Institute of Science, 2021, 101, 303-327.	0.9	13
1514	Modelling Heterogeneity and Super Spreaders of the COVID-19 Spread through Malaysian Networks. Symmetry, 2021, 13, 1954.	1.1	2
1515	A dynamic microsimulation model for epidemics. Social Science and Medicine, 2021, 291, 114461.	1.8	19

#	Article	IF	Citations
1516	Welfare economics of managing an epidemic: an exposition. Japanese Economic Review, 2021, 72, 537-579.	0.8	2
1517	OutbreakFlow: Model-based Bayesian inference of disease outbreak dynamics with invertible neural networks and its application to the COVID-19 pandemics in Germany. PLoS Computational Biology, 2021, 17, e1009472.	1.5	19
1518	A modified theory of planned behavioral: A case of tourist intention to visit a destination post pandemic Covid-19 in Indonesia. Heliyon, 2021, 7, e08230.	1.4	34
1519	A model for the co-evolution of dynamic social networks and infectious disease dynamics. Computational Social Networks, 2021, 8, 19.	2.1	10
1520	Perceived Stress among School Students in Distance Learning During the COVID-19 Pandemic in the Gaza Strip, Palestine. Augmented Human Research, 2021, 6, 1.	3.5	9
1521	Interplay between mobility, multi-seeding and lockdowns shapes COVID-19 local impact. PLoS Computational Biology, 2021, 17, e1009326.	1.5	17
1522	A Conceptual Framework for Smart Social Distancing for Educational Institutes. Lecture Notes in Networks and Systems, 2022, , 668-684.	0.5	0
1523	An Evaluation of Counter Measures for Smallpox Outbreak using an individual based model and Taking into Consideration the Limitation of Human Resources of Public Health Workers. Iryo To Shakai, 2006, 16, 275-284.	0.0	2
1524	The evolutionary context of human aging and degenerative disease. , 2007, , 301-312.		2
1525	Health consequences of ecogenetic variation. , 2007, , 43-50.		1
1526	Cancer as a microevolutionary process. , 2007, , 289-300.		0
1527	Evolution of parasites. , 2007, , 229-238.		6
1528	Perspectives on human health and disease from evolutionary and behavioral ecology. , 2007, , 109-122.		1
1529	Medically relevant variation in the human genome. , 2007, , 31-42.		0
1530	Cancer: evolutionary origins of vulnerability. , 2007, , 277-288.		0
1531	Whole-genome analysis of pathogen evolution. , 2007, , 199-214.		0
1532	Modeling influenza pandemic and interventions. , 2008, , 281-296.		1
1533	The epidemiology of influenza and its control. , 2008, , 65-93.		1

#	ARTICLE	IF	CITATIONS
1534	Pandemics, Detection and Management. , 2008, , 839-843.		0
1536	Defining the Response at the Local Level. , 2008, , 147-185.		0
1537	Avian Influenza. , 2008, , 97-114.		0
1538	The Spanish Flu of 1918. , 2008, , 23-52.		1
1540	Optimal Time Delay in the Control of Epidemic. Studies in Computational Intelligence, 2009, , 253-260.	0.7	1
1541	Swine flu - an assessment of the Australian response. Rural and Remote Health, 0, , .	0.4	1
1542	Mathematical models in infectious disease epidemiology. , 2010, , 70-75.		4
1543	Modelling Emerging Viral Epidemics for Public Health Protection. Methods in Molecular Biology, 2010, 665, 435-465.	0.4	0
1544	Predicting recurrent PDV epizootics in European harbour seals (<i>Phoca vitulina</i>). NAMMCO Scientific Publications, 0, 8, 275.	0.0	1
1546	Controlling Pandemic Flu: The Value of International Air Travel Restrictions. SSRN Electronic Journal, 0, , .	0.4	0
1547	Analyzing Global Epidemiology of Diseases Using Human-in-the-Loop Bio-Simulations. , 2011, , 153-174.		0
1548	Early spread of the 2009 influenza A(H1N1) pandemic in the United Kingdom â€" use of local syndromic data, Mayâ€"August 2009. Eurosurveillance, 2011, 16, .	3.9	14
1549	Simulating the Spread of Influenza Pandemic of 1918- 1919 Considering the Effect of the First World War. , 2011, , .		0
1550	Stochastic individual-based modelling of influenza spread for the assessment of public health interventions. , 0, , .		0
1551	Improving Computational Models and Practices. Advances in Computer and Electrical Engineering Book Series, 2012, , 432-455.	0.2	0
1552	Simulating Vaccination Control and Herd Immunity Threshold in EcoDemics. , 2012, , .		0
1553	2009-H1N1. , 2012, , 1209-1219.		0
1554	Uncoordinated Human Responses During Epidemic Outbreaks. , 2013, , 79-91.		3

#	Article	IF	Citations
1555	Background Factors Contributing to An Influenza Epidemic in The 2009^|^ndash;2010 Season at A Private Junior and Senior High School in Kanagawa. Japanese Journal of Environmental Infections, 2013, 28, 259-266.	0.1	0
1557	Viral Dynamics and Mathematical Models. , 2014, , 81-96.		0
1558	Disease-Induced Resource Constraints Can Trigger Explosive Pandemics. SSRN Electronic Journal, 0, , .	0.4	0
1559	Bird Flu, the Hanging Pandemic Threat for Human - It's Risk Assessment and Containment. Bangladesh Journal of Microbiology, 2010, 25, 1-8.	0.2	1
1560	Behavioral Changes and Adaptation Induced by Epidemics. , 2015, , 155-175.		0
1561	Deriving Pandemic Disease Mitigation Strategies by Mining Social Contact Networks. Springer Proceedings in Mathematics and Statistics, 2015, , 359-381.	0.1	0
1562	Viral Infections, an Overview with a Focus on Prevention of Transmission. , 2016, , .		0
1563	Disease Prevention and Control Plans: State of the Art and Future Research Guideline. Springer Proceedings in Mathematics and Statistics, 2016, , 145-154.	0.1	1
1564	Risk Diffusion Modeling and Vulnerability Quantification on Japanese Human Mobility Network from Complex Network Analysis Point of View. International Journal of Advanced Computer Science and Applications, 2016, 7, .	0.5	0
1565	12. Scale in Disease Transmission, Surveillance, and Modeling. , 2016, , 337-370.		0
1566	Pandemics, Detection and Management. , 2017, , 1547-1553.		0
1571	Plant-Produced Avian Influenza Antigens. , 2018, , 189-208.		0
1575	Optimal Control for Transmission of Water Pollutants. International Journal of Mathematical, Engineering and Management Sciences, 2018, 3, 381-391.	0.4	4
1576	Mathematical Analysis of the Transmission Dynamics of Tuberculosis. American Journal of Computational Mathematics, 2019, 09, 158-173.	0.2	3
1577	Effect of adaptive rewiring delay in an SIS network epidemic model. Mathematical Biosciences and Engineering, 2019, 16, 8092-8108.	1.0	1
1581	Financing Vaccines for Global Health Security. SSRN Electronic Journal, 0, , .	0.4	0
1582	Social Distancing Under Epistemic Distress. SSRN Electronic Journal, 0, , .	0.4	2
1592	Pandemic Lessons. Disaster Medicine and Public Health Preparedness, 2020, 14, 427-428.	0.7	5

#	ARTICLE	IF	CITATIONS
1593	Simulation Study of H1N1 Transmission through Immigrants and Vaccination. Journal of Advances in Mathematics and Computer Science, 0, , 102-120.	0.3	0
1595	Herramienta basada en agentes para la valoración del impacto de intervenciones no farmacéuticas contra la COVID-19. Tecno Lógicas, 2020, 23, 201-221.	0.1	1
1596	Cross-Sector Monitoring and Evaluation Framework: Social, Economic, and Health Conditions Impacted During the COVID-19 Pandemic. American Journal of Public Health, 2021, 111, S215-S223.	1.5	7
1598	Explaining divergent National Responses to Covid-19: An Enhanced State Capacity Framework. New Political Economy, 2022, 27, 697-712.	2.7	11
1599	Application of Mathematical Modelling Approach in COVID-19 Transmission and Interventions Strategies. Studies in Systems, Decision and Control, 2022, , 283-314.	0.8	2
1600	Dynamic graph in a symbolic data framework: An account of the causal relation using COVID-19 reports and some reflections on the financial world. Chaos, Solitons and Fractals, 2021, 153, 111440.	2.5	2
1601	Human agency and infection rates: Implications for social distancing during epidemics. PLoS ONE, 2020, 15, e0243699.	1.1	1
1602	A contact-structured SEIR model to assess the impact of lockdown measures on the spread of COVID-19 in Morocco's population. , 2020, , .		1
1603	MACROECONOMICS DURING PANDEMIC: CONSUMER BEHAVIOUR AND OPTIMAL CONTAINMENT POLICY. Globalizac'ia Da Biznesi, 2020, , 103-114.	0.0	0
1604	Untimely Reopening? Change in the Number of New COVID-19 Cases after Reopening in One Brazilian State. SSRN Electronic Journal, 0, , .	0.4	1
1605	Optimal strategic pandemic control: human mobility and travel restriction. Mathematical Biosciences and Engineering, 2021, 18, 9525-9562.	1.0	0
1606	Pandemic Risks and Equilibrium Social Distancing in Heterogeneous Networks. SSRN Electronic Journal, 0, , .	0.4	4
1607	Temporal Dynamics in COVID-19 Transmission: Case of Some African Countries. Advances in Infectious Diseases, 2020, 10, 110-122.	0.0	2
1608	Paradigms in Epidemiology. Health Information Science, 2020, , 1-13.	0.3	0
1609	Hierarchal Fuzzy Logic Controller and Internet of Things (IoT) Information. , 2020, , 1042-1068.		0
1610	Dealing with COVID-19 Across Countries. SSRN Electronic Journal, 0, , .	0.4	0
1611	Simple Simulation for COVID-19 in Wuhan, Hubei, China to Predict Outbreak in Wuhan, the Initial Case in Wuhan, and the Epidemic in Japan as of 11 February, 2020. Journal of Biosciences and Medicines, 2020, 08, 56-61.	0.1	0
1612	The Limited Power of Monetary Policy in a Pandemic. SSRN Electronic Journal, 0, , .	0.4	3

#	ARTICLE	IF	CITATIONS
1613	A Review of Pandemics. Disaster Resilience and Green Growth, 2020, , 21-60.	0.2	0
1615	Effects of media used and e-health literacy on hand-washing of married women in East Asia. Korean Journal of Health Education and Promotion, 2020, 37, 15-24.	0.1	0
1625	Resource Distribution Strategies for Mitigation of Cross-Regional Influenza Pandemics. , 0, , 83-105.		0
1626	Compilation of References. , 0, , 0-0.		0
1628	Gebelerin grip aÅŸÄ±sÄ± yaptÄ±rmama nedenleri Ã¼zerine kesitsel Ã§alÄ±ÅŸma. STED / SÃ¼rekli TÄ±p EÄŸitimi Dergisi, 0, , 2		
1633	Complex systems modeling for obesity research. Preventing Chronic Disease, 2009, 6, A97.	1.7	135
1634	Disease propagation analysis and mitigation strategies for effective mass dispensing. AMIA ... Annual Symposium proceedings, 2010, 2010, 427-31.	0.2	7
1638	Pandemic influenza: a never-ending story. Yonago Acta Medica, 2011, 54, 41-8.	0.3	5
1639	Towards COVID-19 Prophylaxis: An AIDS Preclinical Research Perspective. Biological and Applied Environmental Research: an Open Access Peer Reviewed Journal, 2020, 5, .	0.1	0
1640	Epidemic dynamics on metapopulation networks with node2vec mobility. Journal of Theoretical Biology, 2022, 534, 110960.	0.8	2
1641	Impact of asymptomatic COVID-19 carriers on pandemic policy outcomes. Infectious Disease Modelling, 2022, 7, 16-29.	1.2	4
1642	Estimating spread of contact-based contagions in a population through sub-sampling. Proceedings of the VLDB Endowment, 2021, 14, 1557-1569.	2.1	4
1643	Public efforts to reduce disease transmission implied from a spatial game. Physica A: Statistical Mechanics and Its Applications, 2021, , 126619.	1.2	1
1644	No Change of Pneumocystis jirovecii Pneumonia after the COVID-19 Pandemic: Multicenter Time-Series Analyses. Journal of Fungi (Basel, Switzerland), 2021, 7, 990.	1.5	4
1645	Time-varying sensitivity analysis of an influenza model with interventions. International Journal of Biomathematics, 2022, 15, .	1.5	7
1646	Within and between classroom transmission patterns of seasonal influenza among primary school students in Matsumoto city, Japan. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	11
1647	Simulation of the impact of people mobility, vaccination rate, and virus variants on the evolution of Covid-19 outbreak in Italy. Scientific Reports, 2021, 11, 23225.	1.6	6
1648	Social distancing in airplane seat assignments for passenger groups. Transportmetrica B, 2022, 10, 1070-1098.	1.4	2

#	Article	IF	Citations
1649	Ziegler and Nichols Meet Kermack and McKendrick: Parsimony in Dynamic Models for Epidemiology. Computers and Chemical Engineering, 2021, 157, 107615.	2.0	2
1650	A Cross-Disciplinary View of Testing and Bioinformatic Analysis of SARS-CoV-2 and Other Human Respiratory Viruses in Pandemic Settings. IEEE Access, 2021, 9, 163716-163734.	2.6	4
1651	The Nascent Field of Pandemic Ethics: Prevention, Mitigation, Responsibility, and Adaptation. SSRN Electronic Journal, 0, , .	0.4	0
1652	Pandemic Recessions and Contact Tracing. SSRN Electronic Journal, 0, , .	0.4	0
1653	Microsimulation based quantitative analysis of COVID-19 management strategies. PLoS Computational Biology, 2022, 18, e1009693.	1.5	19
1654	Epidemic Spreading and Equilibrium Social Distancing in Heterogeneous Networks. Dynamic Games and Applications, 2022, 12, 258-287.	1.1	11
1655	Control attenuation and temporary immunity in a cellular automata SEIR epidemic model. Chaos, Solitons and Fractals, 2022, 155, 111784.	2.5	8
1656	A Network Dynamics Model for the Transmission of COVID-19 in Diamond Princess and a Response to Reopen Large-Scale Public Facilities. Healthcare (Switzerland), 2022, 10, 139.	1.0	1
1657	Agent-Based Simulation and Modeling of COVID-19 Pandemic: A Bibliometric Analysis. Journal of Disaster Research, 2022, 17, 93-102.	0.4	10
1658	Using Agent-Based Modelling toÂUnderstand Advantageous Behaviours Against COVID-19 Transmission inÂtheÂBuilt Environment. Lecture Notes in Computer Science, 2022, , 86-98.	1.0	1
1659	Global research activity on mathematical modeling of transmission and control of 23 selected infectious disease outbreak. Globalization and Health, 2022, 18, 4.	2.4	34
1660	A macroeconomic model of an epidemic with silent transmission and endogenous selfâ€isolation. Canadian Journal of Economics, 0, , .	0.6	0
1661	Core policies disparity response to COVID-19 among BRICS countries. International Journal for Equity in Health, 2022, 21, 9.	1.5	16
1662	National identity predicts public health support during a global pandemic. Nature Communications, 2022, 13, 517.	5.8	127
1663	Juggling School and Work From Home: Results From a Survey on German Families With School-Aged Children During the Early COVID-19 Lockdown. Frontiers in Psychology, 2021, 12, 734257.	1.1	8
1664	Modeling the Interplay Between Seasonal Flu Outcomes and Individual Vaccination Decisions. Bulletin of Mathematical Biology, 2022, 84, 36.	0.9	4
1665	Work and non-work life of R&D professionals during Covid-19: aÂcultural perspective. Management Decision, 2022, ahead-of-print, .	2.2	0
1666	Toward Accurate Spatiotemporal COVID-19 Risk Scores Using High-Resolution Real-World Mobility Data. ACM Transactions on Spatial Algorithms and Systems, 2022, 8, 1-30.	1.1	12

#	Article	IF	Citations
1667	School Closures during the 1918 Flu Pandemic. Review of Economics and Statistics, 2024, 106, 266-276.	2.3	5
1670	Using interpretable machine learning identify factors contributing to COVID-19 cases in the United States. , 2022, , 113-158.		0
1671	Area-level social and economic factors and the local incidence of SARS-CoV-2 infections in Victoria during 2020. Medical Journal of Australia, 2022, 216, 349-356.	0.8	15
1672	Non-Pharmaceutical Interventions Implemented to Control the COVID-19 Were Associated With Reduction of Influenza Incidence. Frontiers in Public Health, 2022, 10, 773271.	1.3	6
1674	What Happened to the U.S. Economy during the 1918 Influenza Pandemic? A View Through High-Frequency Data. Journal of Economic History, 2022, 82, 284-326.	1.0	17
1675	Pandemics through the lens of occupations. Canadian Journal of Economics, 2022, 55, 540-580.	0.6	3
1676	COVID-19: What if immunity wanes?. Canadian Journal of Economics, 2022, 55, 626-664.	0.6	3
1677	Modelling SARS-CoV-2 disease progression in Australia and New Zealand: an account of an agent-based approach to support public health decision-making. Australian and New Zealand Journal of Public Health, 2022, 46, 292-303.	0.8	13
1678	Public Compliance Matters in Evidence-Based Public Health Policy: Evidence from Evaluating Social Distancing in the First Wave of COVID-19. International Journal of Environmental Research and Public Health, 2022, 19, 4033.	1.2	3
1679	Wireless Technologies for Social Distancing in the Time of COVID-19: Literature Review, Open Issues, and Limitations. Sensors, 2022, 22, 2313.	2.1	10
1680	Local Surveillance of the COVID-19 Outbreak. Frontiers in Physics, 2022, 10, .	1.0	0
1681	Respect the Unstable: Delays and Saturation in Contact Tracing for Disease Control. SIAM Journal on Control and Optimization, 0, , S196-S220.	1.1	1
1682	Phase 3 Randomized, Multicenter, Placebo-Controlled Study to Evaluate Safety, Immunogenicity, and Lot-to-Lot Consistency of an Adjuvanted Cell Culture-Derived, H5N1 Subunit Influenza Virus Vaccine in Healthy Adult Subjects. Vaccines, 2022, 10, 497.	2.1	1
1683	Impact of Low Rates of Influenza on Next-Season Influenza Infections. American Journal of Preventive Medicine, 2022, 62, 503-510.	1.6	9
1684	THE INTERGENERATIONAL MORTALITY TRADE-OFF OF COVID-19 LOCKDOWN POLICIES. International Economic Review, 2022, 63, 1427-1468.	0.6	4
1685	The (structural) gravity of epidemics. European Economic Review, 2022, 144, 104082.	1.2	5
1686	First-wave COVID-19 daily cases obey gamma law. Infectious Disease Modelling, 2022, 7, 64-74.	1.2	0
1687	The macroeconomics of epidemics: Interstate heterogeneity in Brazil. Economia, 2021, 22, 164-197.	0.5	1

#	ARTICLE	IF	CITATIONS
1688	Building back better from COVID-19: Knowledge, emergence and social contracts. Progress in Human Geography, 2022, 46, 121-138.	3.3	11
1689	Impact of vaccine prioritization strategies on mitigating COVID-19: an agent-based simulation study using an urban region in the United States. BMC Medical Research Methodology, 2021, 21, 272.	1.4	13
1690	Population dynamics and demography of Covid-19. Introduction. Genus, 2021, 77, 36.	1.0	8
1691	Epidemics on networks with preventive rewiring. Random Structures and Algorithms, 0, , .	0.6	3
1692	Behavior of Czech Teachers in the Techambition System during the COVID-19 Epidemic. Education Sciences, 2022, 12, 7.	1.4	1
1693	Validating Social Distancing through Deep Learning and VR-Based Digital Twins. , 2021, , .		2
1694	Resilience as a measure of preparedness for pandemic influenza outbreaks. Health Systems, 2024, 13, 1-10.	0.9	0
1696	Comparing the efficacy of control strategies for infectious disease outbreaks using field and simulation studies. Ecological Applications, 2022, , e2631.	1.8	1
1709	Revisiting the standard for modeling the spread of infectious diseases. Scientific Reports, 2022, 12, 7077.	1.6	3
1710	Monitoring Social Distancing With Real-Time Detection and Tracking. Advances in Data Mining and Database Management Book Series, 2022, , 113-141.	0.4	0
1711	Estimating Movement Rates Between Eurasian and North American Birds That Are Vectors of Avian Influenza. Avian Diseases, 2022, 66, .	0.4	0
1712	Epidemic and Insurance: Two Forms of Solidarity. Theory, Culture and Society, 2022, 39, 217-235.	1.3	3
1713	COVID-19 and Historical Parallels. Advances in Medical Diagnosis, Treatment, and Care, 2022, , 151-172.	0.1	0
1714	SIR-Solution for Slowly Time-Dependent Ratio between Recovery and Infection Rates. Physics, 2022, 4, 504-524.	0.5	2
1715	Prediction and prevention of pandemics via graphical model inference and convex programming. Scientific Reports, 2022, 12, 7599.	1.6	2
1716	Passive Immune-Prophylaxis against Influenza Virus Infection by the Expression of Neutralizing Anti-Hemagglutinin Monoclonal Antibodies from Plasmids. Japanese Journal of Infectious Diseases, 2011, 64, 40-49.	0.5	24
1717	Challenges of integrating economics into epidemiological analysis of and policy responses to emerging infectious diseases. Epidemics, 2022, 39, 100585.	1.5	4
1718	Combinational Recommendation of Vaccinations, Mask-Wearing, and Home-Quarantine to Control Influenza in Megacities: An Agent-Based Modeling Study With Large-Scale Trajectory Data. Frontiers in Public Health, 2022, 10, .	1.3	1

#	ARTICLE	IF	CITATIONS
1719	A Tale of Three Recent Pandemics: Influenza, HIV and SARS-CoV-2. Frontiers in Microbiology, 2022, 13, .	1.5	10
1721	Global variation in early epidemic growth rates and reproduction number of seasonal influenza. International Journal of Infectious Diseases, 2022, 122, 382-388.	1.5	2
1722	The global response: How cities and provinces around the globe tackled Covid-19 outbreaks in 2021. , 2022, 4, 100031.		15
1723	Epidemic management and control through risk-dependent individual contact interventions. PLoS Computational Biology, 2022, 18, e1010171.	1.5	9
1724	Impact of contact data resolution on the evaluation of interventions in mathematical models of infectious diseases. Journal of the Royal Society Interface, 2022, 19, .	1.5	4
1725	On the management of population immunity. Journal of Economic Theory, 2022, 204, 105501.	0.5	2
1726	The Impact of Mobility and Interventions on the Spread of Diseases. IEEE Transactions on Computational Social Systems, 2023, 10, 2291-2311.	3.2	2
1727	COVID-19 and Migration in the Mediterranean Region. , 2022, , 17-52.		1
1731	Uncertainty Analysis of Business Interruption Losses in the Philippines Due to the COVID-19 Pandemic. Economies, 2022, 10, 202.	1.2	5
1732	THE DISTRIBUTIONAL EFFECTS OF COVIDâ€19 AND OPTIMAL MITIGATION POLICIES. International Economic Review, 2023, 64, 261-294.	0.6	2
1733	Agent Simulation Model of COVID-19 Epidemic Agent-Based on GIS: A Case Study of Huangpu District, Shanghai. International Journal of Environmental Research and Public Health, 2022, 19, 10242.	1.2	5
1734	Containing novel SARS-CoV-2 variants at source is possible with high-intensity sequencing. , 2022, 1, .		3
1735	â€˜Live with the Virusâ€™ Narrative and Pandemic Amnesia in the Governance of COVID-19. Social Sciences, 2022, 11, 340.	0.7	3
1736	GeoSpread: an Epidemic Spread Modeling Tool for COVID-19 Using Mobility Data. , 2022, , .		1
1737	Filtering and improved Uncertainty Quantification in the dynamic estimation of effective reproduction numbers. Epidemics, 2022, 40, 100624.	1.5	4
1738	Individual-based modeling of COVID-19 transmission in college communities. Mathematical Biosciences and Engineering, 2022, 19, 13861-13877.	1.0	2
1739	Firm Behavior During an Epidemic. SSRN Electronic Journal, 0, , .	0.4	0
1740	Using Data Mining to Estimate Patterns of Contagion-Risk Interactions in an Intercity Public Road Transport System. IEEE Access, 2022, 10, 99150-99167.	2.6	1

#	Article	IF	Citations
1741	Impact of corona virus outbreak on travellers' behaviour: scale development and validation. International Journal of Tourism Cities, 2022, 8, 658-674.	1.2	10
1742	Using Panel Data Analysis to Evaluate How Individual Non-Pharmaceutical Interventions Affected Traffic in the U.S. during the First Three Months of the COVID Pandemic. Covid, 2022, 2, 1193-1206.	0.7	1
1743	Just Survive or Thrive? Effect of Psychological and Organizational Resilience on Adoption of Innovative Strategies by Hospitality Sector Post Covid-19. Tourism Planning and Development, 2023, 20, 188-211.	1.3	4
1744	Lessons learned from 2 years of influenza vaccinations in the UK and USA during the COVID-19 pandemic as respiratory viruses return. Human Vaccines and Immunotherapeutics, 2022, 18, .	1.4	1
1745	The development of compliance behavioral imperatives in public for management of covid-19. Psychology, Health and Medicine, 2024, 29, 92-99.	1.3	0
1746	Modeling the impact of mitigation policies in a pandemic: A system dynamics approach. International Journal of Disaster Risk Reduction, 2022, 82, 103327.	1.8	5
1747	State-controlled epidemic in a game against a novel pathogen. Scientific Reports, 2022, 12, .	1.6	0
1748	The Unintended Consequences of Information Provision: The World Health Organization and Border Restrictions during COVID-19. International Studies Perspectives, 2023, 24, 39-66.	0.8	2
1750	Indirect Protection from Vaccinating Children against Influenza A Virus Infection in Households. Viruses, 2022, 14, 2097.	1.5	2
1751	A mathematical model for simulating the spread of a disease through a country divided into geographical regions with different population densities. Journal of Mathematical Biology, 2022, 85, .	0.8	2
1752	Effectiveness of feedback control and the trade-off between death by COVID-19 and costs of countermeasures. Health Care Management Science, 2023, 26, 46-61.	1.5	2
1754	The impact of air travel on the precocity and severity of COVID-19 deaths in sub-national areas across 45 countries. Scientific Reports, 2022, 12, .	1.6	3
1755	An implementation of a multilayer network model for the Covid-19 pandemic: A Costa Rica study. Mathematical Biosciences and Engineering, 2022, 20, 534-551.	1.0	0
1756	The effects of the COVID-19 pandemic on community respiratory virus activity. Nature Reviews Microbiology, 0, , .	13.6	76
1757	Effects of interventions on the demand for hospital services in an influenza pandemic: a sensitivity analysis. Swiss Medical Weekly, 0, , .	0.8	1
1758	Network and Epidemic Model. Advances in Computational Intelligence and Robotics Book Series, 2022, , 145-192.	0.4	0
1760	The Coronavirus pandemic and closed fitness clubs negatively affected members exercise habits. Frontiers in Sports and Active Living, 0, 4, .	0.9	1
1761	Urban density and COVID-19: understanding the US experience. Annals of Regional Science, 2024, 72, 163-194.	1.0	13

#	ARTICLE	IF	CITATIONS
1762	Agent-based model using GPS analysis for infection spread and inhibition mechanism of SARS-CoV-2 in Tokyo. Scientific Reports, 2022, 12, .	1.6	1
1763	Compact living or policy inaction? Effects of urban density and lockdown on the COVID-19 outbreak in the US. Urban Studies, 2023, 60, 1588-1609.	2.2	5
1764	Coupling the Within-Host Process and Between-Host Transmission of COVID-19 Suggests Vaccination and School Closures are Critical. Bulletin of Mathematical Biology, 2023, 85, .	0.9	3
1765	Using a real-world network to model the trade-off between stay-at-home restriction, vaccination, social distancing and working hours on COVID-19 dynamics. PeerJ, 0, 10, e14353.	0.9	1
1766	A study on airlinesâ€™ responses and customer satisfaction during the COVID-19 pandemic. International Journal of Transportation Science and Technology, 2023, 12, 1017-1037.	2.0	3
1769	High Resolution Spatio-Temporal Model for Room-Level Airborne Pandemic Spread. Mathematics, 2023, 11, 426.	1.1	6
1770	Diseases spectrum in the field of spatiotemporal patterns mining of infectious diseases epidemics: A bibliometric and content analysis. Frontiers in Public Health, 0, 10, .	1.3	2
1771	Firm behavior during an epidemic. Journal of Economic Dynamics and Control, 2023, 147, 104594.	0.9	0
1775	A general urban spreading pattern of COVID-19 and its underlying mechanism. Npj Urban Sustainability, 2023, 3, .	3.7	2
1776	Is there a role for RDTs as we live with COVID-19? An assessment of different strategies. BMJ Global Health, 2023, 8, e010690.	2.0	1
1777	Potential Impact of Environmental Pollution by Human Antivirals on Avian Influenza Virus Evolution. Animals, 2023, 13, 1127.	1.0	0
1778	Assessing the spatial distribution of and inequality in 15-minute PCR test site accessibility in Beijing and Guangzhou, China. Applied Geography, 2023, 154, 102925.	1.7	5
1779	Preparing for an Influenza Pandemic in Singapore. Annals of the Academy of Medicine, Singapore, 2008, 37, 497-503.	0.2	11
1780	Twentieth Century Influenza Pandemics in Singapore. Annals of the Academy of Medicine, Singapore, 2008, 37, 470-476.	0.2	16
1781	Viral Mitigation: Weak Theoretical Underpinnings. Studies in Public Choice, 2023, , 9-58.	0.0	0
1782	The Impact of Differing COVID-19 Mitigation Policies: Three Natural Experiments Using Difference-in-Difference Modelling. Footprints of Regional Science, 2023, , 97-125.	0.3	0
1783	Epidemic Spread Modeling for COVID-19 Using Cross-fertilization of Mobility Data. IEEE Transactions on Big Data, 2023, , 1-16.	4.4	0
1784	Pandemic Recessions and Contact Tracing. Journal of the European Economic Association, 0, , .	1.9	0

#	Article	IF	Citations
1785	Simulation Model of Pandemic Influenza in the Whole of Japan. Japanese Journal of Infectious Diseases, 2009, 62, 98-106.	0.5	22
1786	Respiratory virus circulation during the first year of the COVIDâ€19 pandemic in the Household Influenza Vaccine Evaluation (HIVE) cohort. Influenza and Other Respiratory Viruses, 2023, 17, .	1.5	2
1787	On the Impact of Quarantine Policies and Recurrence Rate in Epidemic Spreading Using a Spatial Agent-Based Model. Mathematics, 2023, 11, 1336.	1.1	1
1789	Spatial immunization to abate disease spreading in transportation hubs. Nature Communications, 2023, 14, .	5.8	2
1790	Photoactive conjugated polymer-based strategy to effectively inactivate RNA viruses. NPG Asia Materials, 2023, 15, .	3.8	3
1791	Guidance on the use of complex systems models for economic evaluations of public health interventions. Health Economics (United Kingdom), 2023, 32, 1603-1625.	0.8	8
1809	Community Protection. , 2023, , 1603-1624.e8.		0
1814	Study of SEIQR mathematical model-prediction of spread of Covid-19. AIP Conference Proceedings, 2023, , .	0.3	0
1822	Exploring theÂPredictive Power ofÂCorrelation andÂMutual Information inÂAttention Temporal Graph Convolutional Network forÂCOVID-19 Forecasting. Lecture Notes in Computer Science, 2023, , 18-33.	1.0	0
1824	Social Distance Monitoring and Infection Risk Assessment in COVID-19 Pandemic. Communications in Computer and Information Science, 2023, , 159-170.	0.4	0
1838	Forecasting Global Monkeypox Infections Using LSTM: A Non-Stationary Time Series Analysis. , 2023, , .		0
1839	ASEAN MSMEs internationalization policy harmonization in new normal era. AIP Conference Proceedings, 2023, , .	0.3	0
1843	High-Fidelity Synthetic Data Applications for Data Augmentation. Artificial Intelligence, 0, , .	2.0	1
1845	On the Parameter Significance in Pandemic Modelling. , 2023, , 51-66.		0
1858	Infectious Disease Epidemiology. , 2023, , 1-79.		0