

CITATION REPORT

List of articles citing

Modeling influenza epidemics and pandemics: insights into the future of swine flu (H1N1)

DOI: 10.1186/1741-7015-7-30
BMC Medicine, 2009, 7, 30.

Source: <https://exaly.com/paper-pdf/45877870/citation-report.pdf>

Version: 2024-04-10

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
233	Modeling vaccination campaigns and the Fall/Winter 2009 activity of the new A(H1N1) influenza in the Northern Hemisphere. 2009 , 2, e11		12
232	Modeling vaccination campaigns and the Fall/Winter 2009 activity of the new A(H1N1) influenza in the Northern Hemisphere. 2009 , 2, 7093		9
231	Modelling mitigation strategies for pandemic (H1N1) 2009. 2009 , 181, 673-80		86
230	A vision of the future for BMC Medicine: serving science, medicine and authors. <i>BMC Medicine</i> , 2009 , 7, 55	11.4	
229	Swine flu. 2009 , 2, 157-66		4
228	Modeling gene sequences over time in 2009 H1N1 influenza A virus populations. 2009 , 6, 215		7
227	Features of the new pandemic influenza A/H1N1/2009 virus: virology, epidemiology, clinical and public health aspects. 2010 , 16, 235-41		29
226	Analysis of the effectiveness of interventions used during the 2009 A/H1N1 influenza pandemic. 2010 , 10, 168		61
225	The development and validation of a simulation tool for health policy decision making. 2010 , 43, 602-7		3
224	Spatial-temporal transmission of influenza and its health risks in an urbanized area. 2010 , 34, 204-215		37
223	Comparing large-scale computational approaches to epidemic modeling: agent-based versus structured metapopulation models. <i>BMC Infectious Diseases</i> , 2010 , 10, 190	4	163
222	Developing guidelines for school closure interventions to be used during a future influenza pandemic. <i>BMC Infectious Diseases</i> , 2010 , 10, 221	4	49
221	Pandemic dynamics and the breakdown of herd immunity. 2010 , 5, e9565		14
220	Hub nodes inhibit the outbreak of epidemic under voluntary vaccination. 2010 , 12, 023015		95
219	FluTE, a publicly available stochastic influenza epidemic simulation model. 2010 , 6, e1000656		226
218	Swine-origin influenza virus and the 2009 pandemic. 2010 , 181, 295-6		8
217	Using computational modeling to understand microtubule dynamics: A primer for cell biologists. 2010 , 95, 175-88		4

216	Evolution of human receptor binding affinity of H1N1 hemagglutinins from 1918 to 2009 pandemic influenza A virus. 2010 , 50, 1410-7	29
215	Super-spreaders in infectious diseases. 2011 , 15, e510-3	227
214	Spreading patterns of the influenza A (H1N1) pandemic. 2011 , 6, e17823	7
213	Evaluating the combined effectiveness of influenza control strategies and human preventive behavior. 2011 , 6, e24706	18
212	Estimation of the reproductive number for the 2009 pandemic H1N1 influenza in rural and metropolitan New South Wales. 2011 , 19, 59-63	6
211	Knowledge, attitude and practice of El-Minia university students towards pandemic H1N1, Egypt, 2009. 2011 , 19, 505-510	4
210	Fitting evolutionary process of influenza A virus nucleoproteins using analytical solution of system of differential equations. 2011 , 3, 128-37	0
209	Modelling the transmission dynamics and control of the novel 2009 swine influenza (H1N1) pandemic. 2011 , 73, 515-48	18
208	Mitigating effects of vaccination on influenza outbreaks given constraints in stockpile size and daily administration capacity. <i>BMC Infectious Diseases</i> , 2011 , 11, 207	4 5
207	Optimal H1N1 vaccination strategies based on self-interest versus group interest. 2011 , 11 Suppl 1, S4	28
206	Emergence and dynamics of influenza super-strains. 2011 , 11 Suppl 1, S6	6
205	A review of mathematical models of influenza A infections within a host or cell culture: lessons learned and challenges ahead. 2011 , 11 Suppl 1, S7	149
204	A novel algorithm to define infection tendencies in H1N1 cases in Mainland China. 2011 , 11, 222-6	5
203	Risk estimation of infectious diseases determines the effectiveness of the control strategy. 2011 , 240, 943-948	29
202	Modeling of H1N1 Outbreak in Rajasthan: Methods and Approaches. 2011 , 36, 36-8	4
201	Higher level of replication efficiency of 2009 (H1N1) pandemic influenza virus than those of seasonal and avian strains: kinetics from epithelial cell culture and computational modeling. 2011 , 85, 1125-35	55
200	MODELING STRATEGIES FOR CONTROLLING H1N1 OUTBREAKS IN CHINA. 2012 , 05, 1250017	2
199	Postexposure prophylaxis for influenza in pediatric wards oseltamivir or zanamivir after rapid antigen detection. 2012 , 31, 1119-23	17

198	Bayesian coalescent analysis of pandemic H1N1 influenza A virus circulating in the South American region. 2012 , 170, 91-101		2
197	The effect of mixing events on the dynamics of pH1N1 outbreaks at small residential colleges. 2012 , 60, 485-9		3
196	A numerical study on an influenza epidemic model with vaccination and diffusion. <i>Applied Mathematics and Computation</i> , 2012 , 219, 122-141	2.7	27
195	The 2009 pandemic influenza virus: where did it come from, where is it now, and where is it going?. 2013 , 370, 241-57		27
194	Modeling the effects of H1N1 influenza vaccine distribution in the United States. 2012 , 15, 158-66		15
193	Real-time numerical forecast of global epidemic spreading: case study of 2009 A/H1N1pdm. <i>BMC Medicine</i> , 2012 , 10, 165	11.4	178
192	Contracting for On-Time Delivery in the U.S. Influenza Vaccine Supply Chain. 2012 ,		5
191	Comparison of the pandemic H1N1 2009 experience in the Southern Hemisphere with pandemic expectations. 2012 , 36, 364-368		3
190	Trends in parameterization, economics and host behaviour in influenza pandemic modelling: a review and reporting protocol. 2013 , 10, 3		14
189	Modeling and simulation of epidemic spread: Recent advances. 2013 ,		1
188	Modeling dynamics of an influenza pandemic with heterogeneous coping behaviors: case study of a 2009 H1N1 outbreak in Arizona. 2013 , 19, 622-645		6
187	Modeling and Simulating Influenza with Immune-B. 2013 ,		
186	Cross-immunity-induced backward bifurcation for a model of transmission dynamics of two strains of influenza. 2013 , 14, 1384-1403		15
185	Input-output modeling with stochastic extensions: An application to an influenza pandemic scenario. 2013 ,		
184	Cost-effectiveness of workplace closure and travel restriction for mitigating influenza outbreaks. 2013 ,		3
183	Adapting global influenza management strategies to address emerging viruses. 2013 , 305, L108-17		16
182	Behavior of susceptible-vaccinated-infected-recovered epidemics with diversity in the infection rate of individuals. 2013 , 88, 062805		14
181	Mathematical modeling of infectious disease dynamics. 2013 , 4, 295-306		172

180	Proximity-based modelling of cross-contamination through agent-based simulation: a feasibility study. 2013 , 2, 61-71	3
179	Memetic Algorithm with Local Search as Modified Swine Influenza Model-Based Optimization and Its Use in ECG Filtering. 2014 , 2014, 1-22	2
178	Epidemiology of Influenza Viruses. 2014 , 65-86	1
177	A systematic review of studies on forecasting the dynamics of influenza outbreaks. 2014 , 8, 309-16	130
176	Modeling uncertainties in workforce disruptions from influenza pandemics using dynamic input-output analysis. 2014 , 34, 401-15	3
175	Unraveling R0: considerations for public health applications. 2014 , 104, e32-41	71
174	Modeling the Spread of Infectious Diseases: A Review. 2015 , 19-42	11
173	Inference of seasonal and pandemic influenza transmission dynamics. 2015 , 112, 2723-8	102
172	A Novel Dynamic Model for Health Economic Analysis of Influenza Vaccination in the Elderly. 2015 , 4, 459-87	11
171	Genetic diversity of the haemagglutinin (HA) of human influenza a (H1N1) virus in montenegro: Focus on its origin and evolution. 2016 , 88, 1905-13	8
170	Cross-species epidemic dynamic model of influenza. 2016 ,	2
169	Dynamics of two-strain influenza model with cross-immunity and no quarantine class. 2016 , 73, 1467-1489	9
168	Natural Computing for Automatic Test Data Generation Approach Using Spanning Tree Concepts. 2016 , 85, 929-939	0
167	Metapopulation and Non-proportional Vaccination Models Overview. 2016 , 187-207	1
166	A mathematical model for assessing the effectiveness of protective devices in reducing risk of infection by inhalable droplets. 2018 , 35, 1-23	7
165	Mathematical analysis of swine influenza epidemic model with optimal control. 2016 , 33, 269-296	9
164	Influenza Immune Model Based on Agent. 2016 , 133-141	
163	Controlling infectious disease outbreaks: A deterministic allocation-scheduling model with multiple discrete resources. 2017 , 26, 219-239	7

162	An approach to and web-based tool for infectious disease outbreak intervention analysis. <i>Scientific Reports</i> , 2017 , 7, 46076	4.9	13
161	Influenza A virus in swine breeding herds: Combination of vaccination and biosecurity practices can reduce likelihood of endemic piglet reservoir. 2017 , 138, 55-69		25
160	Simulating influenza pandemic dynamics with public risk communication and individual responsive behavior. 2017 , 23, 475-495		3
159	Effect of Intermediate Hosts on Emerging Zoonoses. 2017 , 17, 599-609		5
158	Fractional Diffusion Emulates a Human Mobility Network during a Simulated Disease Outbreak. 2017 , 5,		5
157	PandemCap: Decision support tool for epidemic management. 2017 ,		4
156	Effects of contact network structure on epidemic transmission trees: implications for data required to estimate network structure. 2018 , 37, 236-248		8
155	SEIRS epidemics with disease fatalities in growing populations. 2018 , 296, 45-59		8
154	Unraveling R0: Considerations for Public Health Applications. 2018 , 108, S445-S454		43
153	Logistical constraints lead to an intermediate optimum in outbreak response vaccination. 2018 , 14, e1006161		7
152	El número reproductivo básico (R0): consideraciones para su aplicación en la salud pública. 2018 , 108, S455-S465		9
151	Modeling Spread of Infectious Diseases at the Arrival Stage of Hajj. 2018 , 430-442		
150	Seasonal temperature variation influences climate suitability for dengue, chikungunya, and Zika transmission. 2018 , 12, e0006451		48
149	Characterising seasonal influenza epidemiology using primary care surveillance data. 2018 , 14, e1006377		13
148	The benefits of combining early aspecific vaccination with later specific vaccination. 2018 , 271, 606-619		13
147	Role of genetic heterogeneity in determining the epidemiological severity of H1N1 influenza. 2018 , 14, e1006069		10
146	Stochastic models of influenza outbreaks on a college campus. 2019 , 1-14		1
145	Influenza vaccine effectiveness among Hajj pilgrims: a test-negative case-control analysis of data from different Hajj years. 2019 , 18, 1103-1114		6

144	A review of knowledge discovery process in control and mitigation of avian influenza. 2019 , 20, 61-71	2
143	Modelling the Influence of Unhealthy Human Behaviour on the Spread of Zoonosis Disease that May Cause a Possible Future Pandemic. 2019 , 1417, 012024	
142	What can we learn from previous pandemics to reduce the frequency of emerging infectious diseases like COVID-19?. 2020 , 2, 202-220	25
141	Interpreting, analysing and modelling COVID-19 mortality data. 2020 , 101, 1-26	18
140	A novel adaptive deep learning model of Covid-19 with focus on mortality reduction strategies. 2020 , 138, 110148	23
139	Population agglomeration is a harbinger of the spatial complexity of COVID-19. 2021 , 420, 127702	6
138	A Risk-Science Approach to Vulnerability Classification. 2021 , 41, 1289-1303	2
137	The impact of opening dedicated clinics on disease transmission during an influenza pandemic. 2020 , 15, e0236455	1
136	Conducting Clinical Research in the Era of Covid-19. 2020 , 360, 213-215	10
135	Coronavirus Optimization Algorithm: A Bioinspired Metaheuristic Based on the COVID-19 Propagation Model. 2020 , 8, 308-322	58
134	Effects of Weather on Coronavirus Pandemic. 2020 , 17,	38
133	How relevant is the decision of containment measures against COVID-19 applied ahead of time?. 2020 , 140, 110164	8
132	Cardiovascular Manifestations and Mechanisms in Patients with COVID-19. 2020 , 31, 893-904	19
131	Forecasting Elections Using Compartmental Models of Infection. 2020 , 62, 837-865	4
130	COVID-19: Biosafety in the Intensive Care Unit. 2020 , 7, 1-8	6
129	. 2020 ,	7
128	A theoretical framework for transitioning from patient-level to population-scale epidemiological dynamics: influenza A as a case study. 2020 , 17, 20200230	11
127	Impact of COVID-19 on the Cardiovascular System: A Review. 2020 , 9,	31

126	COVID-19 created chaos across the globe: Three novel quarantine epidemic models. 2020 , 138, 109928	22
125	Mask use during COVID-19: A risk adjusted strategy. 2020 , 266, 115099	88
124	Approach to Acute Cardiovascular Complications in COVID-19 Infection. 2020 , 13, e007220	54
123	Influenza vaccination in the COVID-19 era. 2020 , 148, 105116	40
122	Known SARS-CoV-2 infections: The tip of an important iceberg. 2020 , 35, 1270-1273	3
121	COVID-19: What Should Clinicians and Scientists Do and When?. 2020 , 158, 2020-2023	5
120	Potential Effects of Coronaviruses on the Cardiovascular System: A Review. 2020 , 5, 831-840	1027
119	Novel coronavirus 2019 (COVID-19): Emergence and implications for emergency care. 2020 , 1, 63	38
118	Understanding the emerging coronavirus: what it means for health security and infection prevention. 2020 , 104, 440-448	22
117	An outbreak of influenza among trekkers in the Everest region of Nepal 2020 , 27,	2
116	Strong correlations between power-law growth of COVID-19 in four continents and the inefficiency of soft quarantine strategies. 2020 , 30, 041102	71
115	SARS-CoV-2 in wastewater: State of the knowledge and research needs. 2020 , 739, 139076	351
114	Anaesthesia and COVID-19: infection control. 2020 , 125, 16-24	58
113	SARS-CoV-2 entry factors are highly expressed in nasal epithelial cells together with innate immune genes. 2020 , 26, 681-687	1502
112	NEAT approach for testing and validation of geospatial network agent-based model processes: case study of influenza spread. 2020 , 34, 1792-1821	4
111	Understanding dynamics of pandemics. 2020 , 50, 515-519	36
110	Comparison of influenza type A and B with COVID-19: A global systematic review and meta-analysis on clinical, laboratory and radiographic findings. 2021 , 31, e2179	29
109	Personal protective equipment in the siege of respiratory viral pandemics: strides made and next steps. 2021 , 15, 441-452	5

108	Transmission dynamics of the COVID-19 epidemic in India and modeling optimal lockdown exit strategies. 2021 , 103, 579-589		26
107	Framework for PESTEL dimensions of sustainable healthcare waste management: Learnings from COVID-19 outbreak. 2021 , 287, 125562		27
106	Superspreaders: A Lurking Danger in the Community. 2021 , 12, 2150132720987432		2
105	Swine-origin influenza A (H1N1) virus: current status, threats, and challenges. 2021 , 57-86		
104	The effect of the definition of pandemic on quantitative assessments of infectious disease outbreak risk. <i>Scientific Reports</i> , 2021 , 11, 2547	4.9	10
103	A deep learning algorithm for modeling and forecasting of COVID-19 in five worst affected states of India. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 587-596	6.1	18
102	Scrutinizing the heterogeneous spreading of COVID-19 outbreak in large territorial countries. 2021 , 18, 025002		8
101	Epidemiology and clinical features of COVID-19 outbreaks in aged care facilities: A systematic review and meta-analysis. 2021 , 33, 100771		31
100	Effectiveness of isolation policies in schools: evidence from a mathematical model of influenza and COVID-19. 2021 , 9, e11211		2
99	A dynamic pandemic model evaluating reopening strategies amid COVID-19. 2021 , 16, e0248302		4
98	COVID-19 and otorhinolaryngology: Returning to practice. 2021 , 36, 256		0
97	Simulation and Analysis Methods for Stochastic Compartmental Epidemic Models. 2021 , 8, 69-88		4
96	Mechanisms to decrease the diseases spreading on generalized scale-free networks. 2021 , 31, 033131		1
95	Modeling COVID-19 Pandemic with Hierarchical Quarantine and Time Delay. 2021 , 11, 1-23		4
94	Epidemics and macroeconomic outcomes: Social distancing intensity and duration. 2021 , 93, 102473		7
93	Revisiting early-stage COVID-19 strategy options. 2020 , 9, 327		
92	Hypothetical emergence of poliovirus in 2020: part 1. Consequences of policy decisions to respond using nonpharmaceutical interventions. 2021 , 20, 465-481		7
91	Decline in influenza cases in Mexico after the implementation of public health measures for COVID-19. <i>Scientific Reports</i> , 2021 , 11, 10730	4.9	6

90	COVID-19 control strategies and intervention effects in resource limited settings: A modeling study. 2021 , 16, e0252570	2
89	Models and numbers: Representing the world or imposing order?. 1-40	2
88	Immune or at-risk? Stock markets and the significance of the COVID-19 pandemic. 2021 , 30, 100477	16
87	COVID-19 and Future Disease X in Circular Economy Transition: Redesigning Pandemic Preparedness to Prevent a Global Disaster. 2021 , 1-16	4
86	Spreading processes in post-epidemic environments. 2021 , 573, 125980	2
85	Airborne PM2.5 and the Emergence of 10 SARS-CoV-2 Variants: The Multifaceted Influence of an Airborne Pollutant on Viral Natural Selection determining SARS-CoV-2 Evolution - An Environmental Wake-up Call or an Ecological Fallacy?.	
84	COVID-19 and the flu: data simulations and computational modelling to guide public health strategies. 2021 , 38, i16-i22	0
83	Agent-Based Simulation Framework for Epidemic Forecasting during Hajj Seasons in Saudi Arabia. 2021 , 12, 325	1
82	Update on the Phylodynamics of SARS-CoV. 2021 , 11,	2
81	Polymeric Materials as Potential Inhibitors Against SARS-CoV-2. 2021 , 1-20	1
80	A Multi-Disciplinary Review on the Aerobiology of COVID-19 in Dental Settings.. 2021 , 2,	0
79	Using social contact data to improve the overall effect estimate of a cluster-randomized influenza vaccination program in Senegal.	
78	Critical interpretative synthesis of herd immunity for COVID-19 pandemic. 2021 , 10, 1117-1123	1
77	Pandemic Influenza Simulation with Public Avoidance Behavior. 2012 , 181-201	1
76	Effectiveness of Isolation Policies in Schools: Evidence from a Mathematical Model of Influenza and COVID-19. 2020 ,	3
75	COVID-19 Control Strategies and Intervention Effects in Resource Limited Settings: A Modeling Study.	2
74	Transmission dynamics of the COVID-19 epidemic in India and modelling optimal lockdown exit strategies.	9
73	Seasonal temperature variation influences climate suitability for dengue, chikungunya, and Zika transmission.	2

72	Common trends in the epidemic of Covid-19 disease. 2020 , 135, 517	10
71	A midpoint perspective on the COVID-19 pandemic. 2020 , 61, 381-383	22
70	Modeling the critical care demand and antibiotics resources needed during the Fall 2009 wave of influenza A(H1N1) pandemic. 2009 , 1, RRN1133	16
69	How to minimize the attack rate during multiple influenza outbreaks in a heterogeneous population. 2012 , 7, e36573	8
68	Influenza forecasting in human populations: a scoping review. 2014 , 9, e94130	122
67	Mathematical modeling of influenza A virus dynamics within swine farms and the effects of vaccination. 2014 , 9, e106177	38
66	The Effectiveness of Age-Specific Isolation Policies on Epidemics of Influenza A (H1N1) in a Large City in Central South China. 2015 , 10, e0132588	17
65	Transmissibility of the Influenza Virus during Influenza Outbreaks and Related Asymptomatic Infection in Mainland China, 2005-2013. 2016 , 11, e0166180	11
64	Modelling community-control strategies to protect hospital resources during an influenza pandemic in Ottawa, Canada. 2017 , 12, e0179315	10
63	The local stability of a modified multi-strain SIR model for emerging viral strains. 2020 , 15, e0243408	17
62	Lasting Scars of the COVID-19 Pandemic. 2020 , 131-180	3
61	Coronavirus disease: a global problem of the 21st century. 2020 , 9, 6-16	7
60	Coronavirus Epidemic: A South African Perspective. 2020 , 2, 1	3
59	Forecasting methods and models of disease spread. 2013 , 5, 863-882	13
58	Interpreting, analysing and modelling COVID-19 mortality data.	4
57	SRID» COVID-19	2
56	Forecasting hospitalization and ICU rates of the COVID-19 outbreak: an efficient SEIR model.	10
55	Effects of isolation and slaughter strategies in different species on emerging zoonoses. 2017 , 14, 1119-1140	1

54	Modeling and Forecasting Influenza-like Illness (ILI) in Houston, Texas Using Three Surveillance Data Capture Mechanisms. 2017 , 9, e187	7
53	Dynamics of Single-City Influenza with Seasonal Forcing: From Regularity to Chaos. 2012 , 2012, 1-23	3
52	A Comprehensive Literature Review on the Clinical Presentation, and Management of the Pandemic Coronavirus Disease 2019 (COVID-19). 2020 , 12, e7560	243
51	Are there medium to short-term multifaceted effects of the airborne pollutant PM determining the emergence of SARS-CoV-2 variants?. 2021 , 158, 110718	1
50	Agent-Based Methods for Simulation of Epidemics with a Low Number of Infected Persons. 2014 , 21-28	
49	Disease Prevention and Control Plans: State of the Art and Future Research Guideline. 2016 , 145-154	1
48	Neuraminidase inhibitors ¶s it time to call it a day?.	
47	Epidemic Dynamics Modeling and Analysis. 2020 , 13-44	1
46	Dynamics of swine influenza model with optimal control. 2019 , 2019,	3
45	Revisiting early-stage COVID-19 strategy options. 2020 , 9, 327	
44	Critical levels of mask efficiency and of mask adoption that theoretically extinguish respiratory virus epidemics.	2
43	Scrutinizing the heterogeneous spreading of COVID-19 outbreak in Brazilian territory.	
42	Modelos compartimentais e aplica¶s. 2020 , 8,	
41	Revisiting early-stage COVID-19 strategy options. 9, 327	1
40	Computational Modeling in a Nutshell. 2020 , 15-32	
39	Exploring Modeling by Programming: Insights from Numerical Experimentation. 2020 , 155-215	
38	Impact of COVID-19 on Agro-Food Industry and Transitions Towards Food Security. 2020 , 255-273	0
37	The local stability of a modified multi-strain SIR model for emerging viral strains.	1

36	Analysis of Effectiveness of Quarantine Measures in Controlling COVID-19.		1
35	Coronavirus disease 2019: Lessons, risks and challenges. 2020 , 26,		
34	Sağlık bakanlığının COVID-19 salgınına matematik model kullanılarak yapılan risk analizleri. 2020 , 1, 528-540		
33	Estimation of Basic Reproductive Number of Flu-like Syndrome in a Primary School in Iran. <i>International Journal of Preventive Medicine</i> , 2012 , 3, 408-13	1.6	7
32	A Susceptible-Infectious (SI) model with two infective stages and an endemic equilibrium. <i>Mathematics and Computers in Simulation</i> , 2022 , 194, 19-35	3.3	0
31	Markovian approach to tackle competing pathogens in simplicial complex. <i>Applied Mathematics and Computation</i> , 2022 , 417, 126773	2.7	3
30	How territoriality reduces disease transmission among social insect colonies. <i>Behavioral Ecology and Sociobiology</i> , 2021 , 75, 164	2.5	0
29	Coronavirus Disease 2019: Clinics, Treatment, and Prevention. <i>Frontiers in Microbiology</i> , 2021 , 12, 761887	5.7	6
28	COVID-19: A Review. <i>IEEE Circuits and Systems Magazine</i> , 2021 , 21, 4-23	3.2	10
27	Aerosol-generating procedures and the anaesthetist.. <i>BJA Education</i> , 2022 , 22, 52-59	1.2	
26	ReviewRecent Advances in Graphene-Based Field-Effect-Transistor Biosensors: A Review on Biosensor Designing Strategy. <i>Journal of the Electrochemical Society</i> ,	3.9	0
25	Caveats on COVID-19 herd immunity threshold: the Spain case.. <i>Scientific Reports</i> , 2022 , 12, 598	4.9	1
24	Epidemiology and Genetic Analysis of SARS-CoV-2 in Myanmar during the Community Outbreaks in 2020.. <i>Viruses</i> , 2022 , 14,	6.2	1
23	Do class size reductions protect students from infectious disease? Lessons for Covid-19 policy from flu epidemic in Tokyo Metropolitan Area. <i>American Journal of Health Economics</i> ,	1.8	
22	SARS-CoV-2 Entry Genes Are Most Highly Expressed in Nasal Goblet and Ciliated Cells within Human Airways. 2020 ,		1
21	Digital Yatra: A digital experience for air travelers. <i>Emerald Emerging Markets Case Studies</i> , 2022 , 12, 1-20	0.2	
20	Forecasting COVID-19 cases by assessing control-intervention effects in Republic of Korea: A statistical modeling approach. <i>AEJ - Alexandria Engineering Journal</i> , 2022 , 61, 9203-9217	6.1	3
19	Simulating and Preventing COVID-19 Using Epidemiological Models. <i>Advances in Data Mining and Database Management Book Series</i> , 2022 , 28-57	0.6	

18	Development of Anti-Bacterial and Anti-Viral Nonwoven Surgical Masks for Medical Applications. <i>Tekstilec</i> , 2022 , 65, 135-146	2.1	1
17	Disease spreading modeling and analysis: a survey. <i>Briefings in Bioinformatics</i> ,	13.4	0
16	Using outbreak data to estimate the dynamic COVID-19 landscape in Eastern Africa. <i>BMC Infectious Diseases</i> , 2022 , 22,	4	0
15	Understanding the impact of disease and vaccine mechanisms on the importance of optimal vaccine allocation*.		0
14	Controlling epidemic extinction using early warning signals. <i>International Journal of Dynamics and Control</i> ,	1.7	0
13	Epidemic Spread Optimization for Disease Containment with NPIs and Vaccination. 2022 ,		
12	Respiratory viral infections, SARS-CoV-2 and chronic obstructive pulmonary disease. 2022 , 32, 616-625		
11	Coupling compartmental models with Markov chains and measure evolution equations to capture virus mutability.		0
10	The challenges of data in future pandemics. 2022 , 40, 100612		1
9	A Networked Competitive Multi-Virus SIR Model: Analysis and Observability. 2022 , 55, 13-18		0
8	Network Thermodynamics-Based Scalable Compartmental Model for Multi-Strain Epidemics. 2022 , 10, 3513		0
7	Limits of epidemic prediction using SIR models. 2022 , 85,		0
6	A mathematical model for simulating the spread of a disease through a country divided into geographical regions with different population densities. 2022 , 85,		1
5	Insight into Delta Variant Dominated Second Wave of COVID-19 in Nepal. 2022 , 100642		0
4	Optimal control of an influenza model with mixed cross-infection by age group. 2023 , 206, 410-436		0
3	Single-Center Experience in Detecting Influenza Virus, RSV and SARS-CoV-2 at the Emergency Department. 2023 , 15, 470		0
2	References. 2023 , 413-438		0
1	Simple compartmental models. 2023 , 19-91		0

