

Chris T Bauch

List of Publications by Year in Descending Order

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

157
papers

5,131
citations

33
h-index

69
g-index

180
ext. papers

6,286
ext. citations

6
avg, IF

6.36
L-index

#	Paper	IF	Citations
157	Interventions to Mitigate COVID-19 Misinformation: A Systematic Review and Meta-Analysis.. <i>Journal of Health Communication</i> , 2022 , 1-12	2.5	4
156	Impact of co-evolution of negative vaccine-related information, vaccination behavior and epidemic spreading in multilayer networks. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2022 , 109, 106312	3.7	1
155	Local Overfishing Patterns Have Regional Effects on Health of Coral, and Economic Transitions Can Promote Its Recovery.. <i>Bulletin of Mathematical Biology</i> , 2022 , 84, 46	2.1	0
154	COVID-19 vaccine perceptions in the initial phases of US vaccine roll-out: an observational study on reddit.. <i>BMC Public Health</i> , 2022 , 22, 446	4.1	2
153	Estimating COVID-19 cases and deaths prevented by non-pharmaceutical interventions, and the impact of individual actions: A retrospective model-based analysis.. <i>Epidemics</i> , 2022 , 39, 100557	5.1	0
152	Stochasticity-induced persistence in coupled social-ecological systems.. <i>Journal of Theoretical Biology</i> , 2022 , 542, 111088	2.3	1
151	A well-timed shift from local to global agreements accelerates climate change mitigation. <i>Nature Communications</i> , 2021 , 12, 2908	17.4	0
150	Ideas and perspectives: Biogeochemistry & some key foci for the future. <i>Biogeosciences</i> , 2021 , 18, 3005-3018	4.8	1
149	Fire mitigates bark beetle outbreaks in serotinous forests.. <i>Theoretical Ecology</i> , 2021 , 14, 611-621	1.6	0
148	Estimating the COVID-19 R number: a bargain with the devil?. <i>Lancet Infectious Diseases</i> , 2021 , 21, 151-153	25.5	10
147	Best response dynamics improve sustainability and equity outcomes in common-pool resources problems, compared to imitation dynamics. <i>Journal of Theoretical Biology</i> , 2021 , 509, 110476	2.3	3
146	Model-based projections for COVID-19 outbreak size and student-days lost to closure in Ontario childcare centres and primary schools. <i>Scientific Reports</i> , 2021 , 11, 6402	4.9	13
145	Projected impact of a plant-derived vaccine on the burden of seasonal influenza in Canada. <i>Human Vaccines and Immunotherapeutics</i> , 2021 , 17, 3643-3651	4.4	0
144	Targeted pandemic containment through identifying local contact network bottlenecks. <i>PLoS Computational Biology</i> , 2021 , 17, e1009351	5	0
143	Prioritising COVID-19 vaccination in changing social and epidemiological landscapes: a mathematical modelling study. <i>Lancet Infectious Diseases</i> , 2021 , 21, 1097-1106	25.5	65
142	Deep learning for early warning signals of tipping points. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	15
141	"Hot-spotting" to improve vaccine allocation by harnessing digital contact tracing technology: An application of percolation theory. <i>PLoS ONE</i> , 2021 , 16, e0256889	3.7	0

140	When conflicts get heated, so does the planet: coupled social-climate dynamics under inequality. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20211357	4.4	0
139	Network structural metrics as early warning signals of widespread vaccine refusal in social-epidemiological networks. <i>Journal of Theoretical Biology</i> , 2021 , 531, 110881	2.3	0
138	Algorithmic discovery of dynamic models from infectious disease data. <i>Scientific Reports</i> , 2020 , 10, 70614.9	4.9	9
137	The Impact of Pre-exposure Prophylaxis for Human Immunodeficiency Virus on Gonorrhea Prevalence. <i>Bulletin of Mathematical Biology</i> , 2020 , 82, 85	2.1	0
136	COVID-19: when should quarantine be enforced?. <i>Lancet Infectious Diseases</i> , 2020 , 20, 994-995	25.5	6
135	Conditions for a Second Wave of COVID-19 Due to Interactions Between Disease Dynamics and Social Processes. <i>Frontiers in Physics</i> , 2020 , 8,	3.9	25
134	Go big or go home: A model-based assessment of general strategies to slow the spread of forest pests via infested firewood. <i>PLoS ONE</i> , 2020 , 15, e0238979	3.7	1
133	Spatial early warning signals of social and epidemiological tipping points in a coupled behaviour-disease network. <i>Scientific Reports</i> , 2020 , 10, 7611	4.9	7
132	Communicating sentiment and outlook reverses inaction against collective risks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 17650-17655	11.5	19
131	Prosocial polio vaccination in Israel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 13138-13144	11.5	10
130	Detecting and distinguishing tipping points using spectral early warning signals. <i>Journal of the Royal Society Interface</i> , 2020 , 17, 20200482	4.1	5
129	Local lockdowns outperform global lockdown on the far side of the COVID-19 epidemic curve. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 24575-24580	11.5	60
128	Spatial structure in protected forest-grassland mosaics: Exploring futures under climate change. <i>Global Change Biology</i> , 2020 , 26, 6097-6115	11.4	2
127	Cooperation in a generalized age-structured spatial game. <i>Journal of Theoretical Biology</i> , 2020 , 484, 109995	4.95	2
126	Go big or go home: A model-based assessment of general strategies to slow the spread of forest pests via infested firewood 2020 , 15, e0238979		
125	Go big or go home: A model-based assessment of general strategies to slow the spread of forest pests via infested firewood 2020 , 15, e0238979		
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122	Go big or go home: A model-based assessment of general strategies to slow the spread of forest pests via infested firewood 2020 , 15, e0238979		
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120	Go big or go home: A model-based assessment of general strategies to slow the spread of forest pests via infested firewood 2020 , 15, e0238979		
119	Go big or go home: A model-based assessment of general strategies to slow the spread of forest pests via infested firewood 2020 , 15, e0238979		
118	Modelling microbial infection to address global health challenges. <i>Nature Microbiology</i> , 2019 , 4, 1612-1616	23	
117	The impact of truncation selection and diffusion on cooperation in spatial games. <i>Journal of Theoretical Biology</i> , 2019 , 466, 64-83	2.3	1
116	The impact of rare but severe vaccine adverse events on behaviour-disease dynamics: a network model. <i>Scientific Reports</i> , 2019 , 9, 7164	4.9	15
115	A local optimization framework for addressing conservation conflicts in mosaic ecosystems. <i>PLoS ONE</i> , 2019 , 14, e0217812	3.7	1
114	Interconnections Accelerate Collapse in a Socio-Ecological Metapopulation. <i>Sustainability</i> , 2019 , 11, 1853	6	5
113	Charting pathways to climate change mitigation in a coupled socio-climate model. <i>PLoS Computational Biology</i> , 2019 , 15, e1007000	5	28
112	Socio-ecological mechanisms for persistence of native Australian grasses under pressure from nitrogen runoff and invasive species. <i>Ecological Modelling</i> , 2019 , 413, 108830	3	1
111	Parameterizing a dynamic influenza model using longitudinal versus age-stratified case notifications yields different predictions of vaccine impacts. <i>Mathematical Biosciences and Engineering</i> , 2019 , 16, 3753-3770	2.1	
110	Convergence of socio-ecological dynamics in disparate ecological systems under strong coupling to human social systems. <i>Theoretical Ecology</i> , 2019 , 12, 285-296	1.6	7
109	Modelling science trustworthiness under publish or perish pressure. <i>Royal Society Open Science</i> , 2018 , 5, 171511	3.3	67
108	Spatial correlation as an early warning signal of regime shifts in a multiplex disease-behaviour network. <i>Journal of Theoretical Biology</i> , 2018 , 448, 17-25	2.3	10
107	Socio-ecological dynamics of Caribbean coral reef ecosystems and conservation opinion propagation. <i>Scientific Reports</i> , 2018 , 8, 2597	4.9	8
106	Solving the patient zero inverse problem by using generalized simulated annealing. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 490, 1513-1521	3.3	6
105	Global land use implications of dietary trends. <i>PLoS ONE</i> , 2018 , 13, e0200781	3.7	17

104	The influence of social behaviour on competition between virulent pathogen strains. <i>Journal of Theoretical Biology</i> , 2018 , 455, 47-53	2.3	9
103	The Environmental Kuznets Curve Fails in a Globalized Socio-Ecological Metapopulation: A Sustainability Game Theory Approach. <i>Handbook of Statistics</i> , 2018 , 39, 315-341	0.6	7
102	Elements of indigenous socio-ecological knowledge show resilience despite ecosystem changes in the forest-grassland mosaics of the Nilgiri Hills, India. <i>Palgrave Communications</i> , 2018 , 4,	5.3	6
101	Spatially-implicit modelling of disease-behaviour interactions in the context of non-pharmaceutical interventions. <i>Mathematical Biosciences and Engineering</i> , 2018 , 15, 461-483	2.1	
100	Strategic decision making about travel during disease outbreaks: a game theoretical approach. <i>Journal of the Royal Society Interface</i> , 2018 , 15,	4.1	17
99	Dynamics of the Global Wheat Trade Network and Resilience to Shocks. <i>Scientific Reports</i> , 2017 , 7, 7177	4.9	30
98	Competition between injunctive social norms and conservation priorities gives rise to complex dynamics in a model of forest growth and opinion dynamics. <i>Journal of Theoretical Biology</i> , 2017 , 432, 132-140	2.3	9
97	Critical dynamics in population vaccinating behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 13762-13767	11.5	36
96	Multiplayer games and HIV transmission via casual encounters. <i>Mathematical Biosciences and Engineering</i> , 2017 , 14, 359-376	2.1	7
95	Coupling fishery dynamics, human health and social learning in a model of fish-borne pollution exposure. <i>Sustainability Science</i> , 2016 , 11, 179-192	6.4	3
94	Statistical physics of vaccination. <i>Physics Reports</i> , 2016 , 664, 1-113	27.7	579
93	Disease dynamics and costly punishment can foster socially imposed monogamy. <i>Nature Communications</i> , 2016 , 7, 11219	17.4	19
92	Early warning signals of regime shifts in coupled human-environment systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 14560-14567	11.5	82
91	Truncation selection and payoff distributions applied to the replicator equation. <i>Journal of Theoretical Biology</i> , 2016 , 404, 383-390	2.3	4
90	Landowner perceptions of the value of natural forest and natural grassland in a mosaic ecosystem in southern Brazil. <i>Sustainability Science</i> , 2016 , 11, 321-330	6.4	17
89	The impacts of simultaneous disease intervention decisions on epidemic outcomes. <i>Journal of Theoretical Biology</i> , 2016 , 395, 1-10	2.3	10
88	Alternative stable states and the sustainability of forests, grasslands, and agriculture. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 14552-14559	11.5	32
87	Human-environment interactions in population and ecosystem health. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 14502-14506	11.5	48

86	National- and state-level impact and cost-effectiveness of nonavalent HPV vaccination in the United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 5107-12	11.5	38
85	Emergence and spread of drug resistant influenza: A two-population game theoretical model. <i>Infectious Disease Modelling</i> , 2016 , 1, 40-51	15.7	5
84	Coupled disease-behavior dynamics on complex networks: A review. <i>Physics of Life Reviews</i> , 2015 , 15, 1-29	2.1	285
83	The impact of aggregating serogroups in dynamic models of Neisseria meningitidis transmission. <i>BMC Infectious Diseases</i> , 2015 , 15, 300	4	7
82	Unifying perspectives on cooperation under social viscosity: Comment on "Universal scaling for the dilemma strength in evolutionary games" by Z. Wang et al. <i>Physics of Life Reviews</i> , 2015 , 14, 34-6	2.1	1
81	Nine challenges in incorporating the dynamics of behaviour in infectious diseases models. <i>Epidemics</i> , 2015 , 10, 21-5	5.1	117
80	Role of word-of-mouth for programs of voluntary vaccination: A game-theoretic approach. <i>Mathematical Biosciences</i> , 2015 , 269, 130-4	3.9	15
79	Could the human papillomavirus vaccines drive virulence evolution?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282, 20141069	4.4	24
78	Evaluation of serogroup C and ACWY meningococcal vaccine programs: projected impact on disease burden according to a stochastic two-strain dynamic model. <i>Vaccine</i> , 2015 , 33, 268-75	4.1	13
77	Spatial coupled disease-behavior framework as a dynamic and adaptive system Reply to comments on "Coupled disease-behavior dynamics on complex networks: A review". <i>Physics of Life Reviews</i> , 2015 , 15, 57-60	2.1	5
76	Sexual behavior, risk perception, and HIV transmission can respond to HIV antiviral drugs and vaccines through multiple pathways. <i>Scientific Reports</i> , 2015 , 5, 15411	4.9	13
75	Bounded rationality alters the dynamics of paediatric immunization acceptance. <i>Scientific Reports</i> , 2015 , 5, 10724	4.9	10
74	Disease Interventions Can Interfere with One Another through Disease-Behaviour Interactions. <i>PLoS Computational Biology</i> , 2015 , 11, e1004291	5	11
73	Coupled Human-Environment Dynamics of Forest Pest Spread and Control in a Multi-Patch, Stochastic Setting. <i>PLoS ONE</i> , 2015 , 10, e0139353	3.7	5
72	The influence of social norms on the dynamics of vaccinating behaviour for paediatric infectious diseases. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, 20133172	4.4	71
71	Examining Ontario's universal influenza immunization program with a multi-strain dynamic model. <i>Vaccine</i> , 2014 , 32, 5098-117	4.1	6
70	Revising ecological assumptions about Human papillomavirus interactions and type replacement. <i>Journal of Theoretical Biology</i> , 2014 , 350, 98-109	2.3	25
69	Dynamics and control of foot-and-mouth disease in endemic countries: a pair approximation model. <i>Journal of Theoretical Biology</i> , 2014 , 357, 150-9	2.3	10

68	Impacts of constrained culling and vaccination on control of foot and mouth disease in near-endemic settings: a pair approximation model. <i>Epidemics</i> , 2014 , 9, 18-30	5.1	10
67	An antibiotic protocol to minimize emergence of drug-resistant tuberculosis. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014 , 400, 80-92	3.3	3
66	Modelling Interactions between forest pest invasions and human decisions regarding firewood transport restrictions. <i>PLoS ONE</i> , 2014 , 9, e90511	3.7	32
65	Coevolution of risk perception, sexual behaviour, and HIV transmission in an agent-based model. <i>Journal of Theoretical Biology</i> , 2013 , 337, 125-32	2.3	11
64	Assessing the pandemic potential of MERS-CoV. <i>Lancet, The</i> , 2013 , 382, 662-4	4.0	5.0
63	Behavioral Epidemiology of Infectious Diseases: An Overview 2013 , 1-19		12
62	Policy resistance undermines superspreader vaccination strategies for influenza. <i>PLoS Computational Biology</i> , 2013 , 9, e1002945	5	25
61	The impact of human-environment interactions on the stability of forest-grassland mosaic ecosystems. <i>Scientific Reports</i> , 2013 , 3, 2689	4.9	4.0
60	Epidemiology. Social factors in epidemiology. <i>Science</i> , 2013 , 342, 47-9	33.3	135
59	Carrot or stick? Modelling how landowner behavioural responses can cause incentive-based forest governance to backfire. <i>PLoS ONE</i> , 2013 , 8, e77735	3.7	15
58	Outlook on a worldwide forest transition. <i>PLoS ONE</i> , 2013 , 8, e75890	3.7	28
57	Time for change? An economic evaluation of integrated cervical screening and HPV immunization programs in Canada. <i>Vaccine</i> , 2012 , 30, 425-35	4.1	16
56	The impact of personal experiences with infection and vaccination on behaviour-incidence dynamics of seasonal influenza. <i>Epidemics</i> , 2012 , 4, 139-51	5.1	22
55	The impact of imitation on vaccination behavior in social contact networks. <i>PLoS Computational Biology</i> , 2012 , 8, e1002469	5	77
54	Evolutionary game theory and social learning can determine how vaccine scares unfold. <i>PLoS Computational Biology</i> , 2012 , 8, e1002452	5	107
53	Mathematical models of the interplay between individual vaccinating decisions and disease dynamics: a need for closer integration of models and data. <i>Human Vaccines and Immunotherapeutics</i> , 2012 , 8, 842-4	4.4	11
52	CAN CULLING TO PREVENT MONKEYPOX INFECTION BE COUNTER-PRODUCTIVE? SCENARIOS FROM A THEORETICAL MODEL. <i>Journal of Biological Systems</i> , 2012 , 20, 259-283	1.6	6
51	EXPLORATION OF THE PARAMETER SPACE IN AN AGENT-BASED MODEL OF TUBERCULOSIS SPREAD: EMERGENCE OF DRUG RESISTANCE IN DEVELOPING VS DEVELOPED COUNTRIES. <i>International Journal of Modern Physics C</i> , 2012 , 23, 1250046	1.1	6

50	Use of a catalytic model to estimate hepatitis A incidence in a low-endemicity country: implications for modeling immunization policies. <i>Medical Decision Making</i> , 2012 , 32, 167-75	2.5	4
49	Outcome inelasticity and outcome variability in behaviour-incidence models: an example from an SEIR infection on a dynamic network. <i>Computational and Mathematical Methods in Medicine</i> , 2012 , 2012, 652562	2.8	8
48	Food webs in the human body: linking ecological theory to viral dynamics. <i>PLoS ONE</i> , 2012 , 7, e48812	3.7	5
47	Dynamics of an Infectious Disease Where Media Coverage Influences Transmission 2012 , 2012, 1-10		51
46	Agent-based modelling of clonal plant propagation across space: Recapturing fairy rings, power laws and other phenomena. <i>Ecological Informatics</i> , 2011 , 6, 127-135	4.2	13
45	"Wait and see" vaccinating behaviour during a pandemic: a game theoretic analysis. <i>Vaccine</i> , 2011 , 29, 5519-25	4.1	41
44	Impact of imitation processes on the effectiveness of ring vaccination. <i>Bulletin of Mathematical Biology</i> , 2011 , 73, 2748-72	2.1	9
43	The impact of media coverage on the transmission dynamics of human influenza. <i>BMC Public Health</i> , 2011 , 11 Suppl 1, S5	4.1	125
42	An agent-based computational model of the spread of tuberculosis. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2011 , 2011, P05003	1.9	12
41	Global eradication of measles: an epidemiologic and economic evaluation. <i>Journal of Infectious Diseases</i> , 2011 , 204 Suppl 1, S98-106	7	56
40	Erratic flu vaccination emerges from short-sighted behavior in contact networks. <i>PLoS Computational Biology</i> , 2011 , 7, e1001062	5	57
39	Can interactions between timing of vaccine-altered influenza pandemic waves and seasonality in influenza complications lead to more severe outcomes?. <i>PLoS ONE</i> , 2011 , 6, e23580	3.7	2
38	When do sexual partnerships need to be accounted for in transmission models of human papillomavirus?. <i>International Journal of Environmental Research and Public Health</i> , 2010 , 7, 635-50	4.6	13
37	Economic appraisal of Ontario's Universal Influenza Immunization Program: a cost-utility analysis. <i>PLoS Medicine</i> , 2010 , 7, e1000256	11.6	60
36	Adherence to cervical screening in the era of human papillomavirus vaccination: how low is too low?. <i>Lancet Infectious Diseases</i> , 2010 , 10, 133-7	25.5	22
35	Cervical cancer incidence can increase despite HPV vaccination [Author's reply]. <i>Lancet Infectious Diseases</i> , 2010 , 10, 595	25.5	
34	Modelling invasibility in endogenously oscillating tree populations: timing of invasion matters. <i>Biological Invasions</i> , 2010 , 12, 219-231	2.7	7
33	Stray dog population demographics in Jodhpur, India following a population control/rabies vaccination program. <i>Preventive Veterinary Medicine</i> , 2010 , 97, 51-7	3.1	98

32	A population biological approach to the collective dynamics of countries undergoing demographic transition. <i>Journal of Theoretical Biology</i> , 2010 , 265, 167-76	2.3	1
31	A game dynamic model for delayer strategies in vaccinating behaviour for pediatric infectious diseases. <i>Journal of Theoretical Biology</i> , 2010 , 267, 276-82	2.3	32
30	Rapid emergence of free-riding behavior in new pediatric immunization programs. <i>PLoS ONE</i> , 2010 , 5, e12594	3.7	22
29	Incorporating herd immunity effects into cohort models of vaccine cost-effectiveness. <i>Medical Decision Making</i> , 2009 , 29, 557-69	2.5	24
28	Modelling mitigation strategies for pandemic (H1N1) 2009. <i>Cmaj</i> , 2009 , 181, 673-80	3.5	86
27	Social contact networks and disease eradicability under voluntary vaccination. <i>PLoS Computational Biology</i> , 2009 , 5, e1000280	5	108
26	A simulation analysis to characterize the dynamics of vaccinating behaviour on contact networks. <i>BMC Infectious Diseases</i> , 2009 , 9, 77	4	38
25	Symmetric competition causes population oscillations in an individual-based model of forest dynamics. <i>Ecological Modelling</i> , 2008 , 211, 491-500	3	32
24	The effects of endogenous ecological memory on population stability and resilience in a variable environment. <i>Ecological Modelling</i> , 2008 , 212, 334-341	3	16
23	Interactions between climate change, competition, dispersal, and disturbances in a tree migration model. <i>Theoretical Ecology</i> , 2008 , 1, 209-220	1.6	27
22	Wealth as a source of density dependence in human population growth. <i>Oikos</i> , 2008 , 117, 1824-1832	4	10
21	Dynamics of vaccination strategies via projected dynamical systems. <i>Bulletin of Mathematical Biology</i> , 2007 , 69, 1453-76	2.1	30
20	Evolving public perceptions and stability in vaccine uptake. <i>Mathematical Biosciences</i> , 2006 , 204, 185-98	3.9	148
19	Dynamically modeling SARS and other newly emerging respiratory illnesses: past, present, and future. <i>Epidemiology</i> , 2005 , 16, 791-801	3.1	169
18	The spread of infectious diseases in spatially structured populations: an invasy pair approximation. <i>Mathematical Biosciences</i> , 2005 , 198, 217-37	3.9	56
17	Imitation dynamics predict vaccinating behaviour. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005 , 272, 1669-75	4.4	234
16	Vaccination and the theory of games. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 13391-4	11.5	429
15	Group interest versus self-interest in smallpox vaccination policy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 10564-7	11.5	265

14	Using network models to approximate spatial point-process models. <i>Mathematical Biosciences</i> , 2003 , 184, 101-14	3.9	13
13	Transients and attractors in epidemics. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003 , 270, 1573-8	4.4	105
12	A versatile ODE approximation to a network model for the spread of sexually transmitted diseases. <i>Journal of Mathematical Biology</i> , 2002 , 45, 375-95	2	33
11	The far side of the COVID-19 epidemic curve: local re-openings and re-closings based on globally coordinated triggers may work best		2
10	Conditions for a second wave of COVID-19 due to interactions between disease dynamics and social processes		8
9	When conflicts get heated, so does the planet: social-climate dynamics under inequality		1
8	Prioritising COVID-19 vaccination in changing social and epidemiological landscapes		15
7	Echo chambers as early warning signals of widespread vaccine refusal in social-epidemiological networks		1
6	The Influence Of Social Behavior On Competition Between Virulent Pathogen Strains		1
5	Estimating COVID-19 cases and deaths prevented by non-pharmaceutical interventions, and the impact of individual actions: a retrospective model-based analysis		1
4	Deep learning for early warning signals of regime shifts		3
3	Population behavioural dynamics can mediate the persistence of emerging infectious diseases		1
2	Vaccine Prioritisation Using Bluetooth Exposure Notification Apps		2
1	A nested model for tuberculosis: Combining within-host and between-host processes in a single framework. <i>International Journal of Modern Physics C</i> , 2150167	1.1	