

Chris T Bauch

List of Publications by Year in descending order

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Version: 2024-02-01

151
papers

7,245
citations

87888

38
h-index

66911

78
g-index

180
all docs

180
docs citations

180
times ranked

6194
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.3	21
2	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.	1.9	3
3	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.	2.9	15
4	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.	3.0	9
5	Stochasticity-induced persistence in coupled social-ecological systems. <i>Journal of Theoretical Biology</i> , 2022, 542, 111088.	1.7	2
6	Modelling coupled human–environment complexity for the future of the biosphere: strengths, gaps and promising directions. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, .	4.0	11
7	Estimating the COVID-19 R number: a bargain with the devil?. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 151-153.	9.1	20
8	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.	1.7	9
9	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.	3.3	28
10	A well-timed shift from local to global agreements accelerates climate change mitigation. <i>Nature Communications</i> , 2021, 12, 2908.	12.8	2
11	Ideas and perspectives: Biogeochemistry – some key foci for the future. <i>Biogeosciences</i> , 2021, 18, 3005-3013.	3.3	8
12	Fire mitigates bark beetle outbreaks in serotinous forests. <i>Theoretical Ecology</i> , 2021, 14, 611-621.	1.0	5
13	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.	3.3	1
14	Targeted pandemic containment through identifying local contact network bottlenecks. <i>PLoS Computational Biology</i> , 2021, 17, e1009351.	3.2	3
15	Prioritising COVID-19 vaccination in changing social and epidemiological landscapes: a mathematical modelling study. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 1097-1106.	9.1	142
16	A nested model for tuberculosis: Combining within-host and between-host processes in a single framework. <i>International Journal of Modern Physics C</i> , 2021, 32, .	1.7	2
17	Coupled social and land use dynamics affect dietary choice and agricultural land-use extent. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	2
18	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, .	7.1	84

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19	“Hot-spotting” to improve vaccine allocation by harnessing digital contact tracing technology: An application of percolation theory. <i>PLoS ONE</i> , 2021, 16, e0256889.	2.5	1
20	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.	2.6	5
21	Network structural metrics as early warning signals of widespread vaccine refusal in social-epidemiological networks. <i>Journal of Theoretical Biology</i> , 2021, 531, 110881.	1.7	1
22	Interventions to Mitigate COVID-19 Misinformation: A Systematic Review and Meta-Analysis. <i>Journal of Health Communication</i> , 2021, 26, 846-857.	2.4	31
23	Debates about vaccines and climate change on social media networks: a study in contrasts. <i>Humanities and Social Sciences Communications</i> , 2021, 8, .	2.9	6
24	Cooperation in a generalized age-structured spatial game. <i>Journal of Theoretical Biology</i> , 2020, 484, 109995.	1.7	7
25	Conditions for a Second Wave of COVID-19 Due to Interactions Between Disease Dynamics and Social Processes. <i>Frontiers in Physics</i> , 2020, 8, .	2.1	43
26	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.	2.5	7
27	Spatial early warning signals of social and epidemiological tipping points in a coupled behaviour-disease network. <i>Scientific Reports</i> , 2020, 10, 7611.	3.3	12
28	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.	7.1	68
29	Prosocial polio vaccination in Israel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13138-13144.	7.1	16
30	Detecting and distinguishing tipping points using spectral early warning signals. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200482.	3.4	20
31	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.	7.1	92
32	Spatial structure in protected forests: Grassland mosaics: Exploring futures under climate change. <i>Global Change Biology</i> , 2020, 26, 6097-6115.	9.5	6
33	Algorithmic discovery of dynamic models from infectious disease data. <i>Scientific Reports</i> , 2020, 10, 7061.	3.3	30
34	The Impact of Pre-exposure Prophylaxis for Human Immunodeficiency Virus on Gonorrhea Prevalence. <i>Bulletin of Mathematical Biology</i> , 2020, 82, 85.	1.9	4
35	COVID-19: when should quarantine be enforced?. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 994-995.	9.1	9
36	Title is missing!. , 2020, 15, e0238979.		0

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37	Title is missing!. , 2020, 15, e0238979.		0
38	Title is missing!. , 2020, 15, e0238979.		0
39	Title is missing!. , 2020, 15, e0238979.		0
40	Title is missing!. , 2020, 15, e0238979.		0
41	Title is missing!. , 2020, 15, e0238979.		0
42	Title is missing!. , 2020, 15, e0238979.		0
43	Title is missing!. , 2020, 15, e0238979.		0
44	Charting pathways to climate change mitigation in a coupled socio-climate model. PLoS Computational Biology, 2019, 15, e1007000.	3.2	46
45	Socio-ecological mechanisms for persistence of native Australian grasses under pressure from nitrogen runoff and invasive species. Ecological Modelling, 2019, 413, 108830.	2.5	2
46	Modelling microbial infection to address global health challenges. Nature Microbiology, 2019, 4, 1612-1619.	13.3	34
47	The impact of truncation selection and diffusion on cooperation in spatial games. Journal of Theoretical Biology, 2019, 466, 64-83.	1.7	4
48	The impact of rare but severe vaccine adverse events on behaviour-disease dynamics: a network model. Scientific Reports, 2019, 9, 7164.	3.3	29
49	A local optimization framework for addressing conservation conflicts in mosaic ecosystems. PLoS ONE, 2019, 14, e0217812.	2.5	2
50	Interconnections Accelerate Collapse in a Socio-Ecological Metapopulation. Sustainability, 2019, 11, 1852.	3.2	8
51	Convergence of socio-ecological dynamics in disparate ecological systems under strong coupling to human social systems. Theoretical Ecology, 2019, 12, 285-296.	1.0	9
52	Parameterizing a dynamic influenza model using longitudinal versus age-stratified case notifications yields different predictions of vaccine impacts. Mathematical Biosciences and Engineering, 2019, 16, 3753-3770.	1.9	2
53	Modelling science trustworthiness under publish or perish pressure. Royal Society Open Science, 2018, 5, 171511.	2.4	113
54	Spatial correlation as an early warning signal of regime shifts in a multiplex disease-behaviour network. Journal of Theoretical Biology, 2018, 448, 17-25.	1.7	20

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55	Socio-ecological dynamics of Caribbean coral reef ecosystems and conservation opinion propagation. <i>Scientific Reports</i> , 2018, 8, 2597.	3.3	12
56	Solving the patient zero inverse problem by using generalized simulated annealing. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 490, 1513-1521.	2.6	8
57	Strategic decision making about travel during disease outbreaks: a game theoretical approach. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20180515.	3.4	24
58	Global land use implications of dietary trends. <i>PLoS ONE</i> , 2018, 13, e0200781.	2.5	26
59	The influence of social behaviour on competition between virulent pathogen strains. <i>Journal of Theoretical Biology</i> , 2018, 455, 47-53.	1.7	21
60	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
61	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, .	4.7	9
62	Dynamics of the Global Wheat Trade Network and Resilience to Shocks. <i>Scientific Reports</i> , 2017, 7, 7177.	3.3	57
63	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.	1.7	18
64	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.	7.1	57
65	Spatially-implicit modelling of disease-behaviour interactions in the context of non-pharmaceutical interventions. <i>Mathematical Biosciences and Engineering</i> , 2017, 15, 461-483.	1.9	0
66	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.	7.1	50
67	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.	7.1	83
68	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, 5107-5112.	7.1	46
69	Emergence and spread of drug resistant influenza: A two-population game theoretical model. <i>Infectious Disease Modelling</i> , 2016, 1, 40-51.	1.9	6
70	Statistical physics of vaccination. <i>Physics Reports</i> , 2016, 664, 1-113.	25.6	734
71	Disease dynamics and costly punishment can foster socially imposed monogamy. <i>Nature Communications</i> , 2016, 7, 11219.	12.8	31
72	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.	7.1	112

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73	Truncation selection and payoff distributions applied to the replicator equation. <i>Journal of Theoretical Biology</i> , 2016, 404, 383-390.	1.7	5
74	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.	4.9	21
75	The impacts of simultaneous disease intervention decisions on epidemic outcomes. <i>Journal of Theoretical Biology</i> , 2016, 395, 1-10.	1.7	16
76	Coupling fishery dynamics, human health and social learning in a model of fish-borne pollution exposure. <i>Sustainability Science</i> , 2016, 11, 179-192.	4.9	5
77	Multiplayer games and HIV transmission via casual encounters. <i>Mathematical Biosciences and Engineering</i> , 2016, 13, 1-1.	1.9	10
78	Spatial coupled diseaseâ€“behavior framework as a dynamic and adaptive system. <i>Physics of Life Reviews</i> , 2015, 15, 57-60.	2.8	6
79	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.	3.3	16
80	Bounded rationality alters the dynamics of paediatric immunization acceptance. <i>Scientific Reports</i> , 2015, 5, 10724.	3.3	18
81	Coupled diseaseâ€“behavior dynamics on complex networks: A review. <i>Physics of Life Reviews</i> , 2015, 15, 1-29.	2.8	385
82	The impact of aggregating serogroups in dynamic models of <i>Neisseria meningitidis</i> transmission. <i>BMC Infectious Diseases</i> , 2015, 15, 300.	2.9	7
83	Unifying perspectives on cooperation under social viscosity. <i>Physics of Life Reviews</i> , 2015, 14, 34-36.	2.8	1
84	Nine challenges in incorporating the dynamics of behaviour in infectious diseases models. <i>Epidemics</i> , 2015, 10, 21-25.	3.0	174
85	Role of word-of-mouth for programs of voluntary vaccination: A game-theoretic approach. <i>Mathematical Biosciences</i> , 2015, 269, 130-134.	1.9	23
86	Could the human papillomavirus vaccines drive virulence evolution?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20141069.	2.6	29
87	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, 268-275.	3.8	17
88	Disease Interventions Can Interfere with One Another through Disease-Behaviour Interactions. <i>PLoS Computational Biology</i> , 2015, 11, e1004291.	3.2	13
89	Coupled Human-Environment Dynamics of Forest Pest Spread and Control in a Multi-Patch, Stochastic Setting. <i>PLoS ONE</i> , 2015, 10, e0139353.	2.5	6
90	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.	3.0	13

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91	An antibiotic protocol to minimize emergence of drug-resistant tuberculosis. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 400, 80-92.	2.6	3
92	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.	2.6	91
93	Examining Ontario's universal influenza immunization program with a multi-strain dynamic model. <i>Vaccine</i> , 2014, 32, 5098-5117.	3.8	9
94	Revising ecological assumptions about Human papillomavirus interactions and type replacement. <i>Journal of Theoretical Biology</i> , 2014, 350, 98-109.	1.7	37
95	Dynamics and control of foot-and-mouth disease in endemic countries: A pair approximation model. <i>Journal of Theoretical Biology</i> , 2014, 357, 150-159.	1.7	14
96	Modelling Interactions between Forest Pest Invasions and Human Decisions Regarding Firewood Transport Restrictions. <i>PLoS ONE</i> , 2014, 9, e90511.	2.5	41
97	Coevolution of risk perception, sexual behaviour, and HIV transmission in an agent-based model. <i>Journal of Theoretical Biology</i> , 2013, 337, 125-132.	1.7	11
98	Assessing the pandemic potential of MERS-CoV. <i>Lancet, The</i> , 2013, 382, 662-664.	13.7	68
99	Modeling a Switch from Trivalent to Quadrivalent Influenza Vaccine in Canada and the United Kingdom. <i>Value in Health</i> , 2013, 16, A586.	0.3	0
100	Behavioral Epidemiology of Infectious Diseases: An Overview. , 2013, , 1-19.		20
101	Policy Resistance Undermines Superspreader Vaccination Strategies for Influenza. <i>PLoS Computational Biology</i> , 2013, 9, e1002945.	3.2	30
102	The impact of human-environment interactions on the stability of forest-grassland mosaic ecosystems. <i>Scientific Reports</i> , 2013, 3, 2689.	3.3	64
103	Social Factors in Epidemiology. <i>Science</i> , 2013, 342, 47-49.	12.6	188
104	Carrot or Stick? Modelling How Landowner Behavioural Responses Can Cause Incentive-Based Forest Governance to Backfire. <i>PLoS ONE</i> , 2013, 8, e77735.	2.5	24
105	Outlook on a Worldwide Forest Transition. <i>PLoS ONE</i> , 2013, 8, e75890.	2.5	37
106	The Impact of Imitation on Vaccination Behavior in Social Contact Networks. <i>PLoS Computational Biology</i> , 2012, 8, e1002469.	3.2	102
107	Evolutionary Game Theory and Social Learning Can Determine How Vaccine Scares Unfold. <i>PLoS Computational Biology</i> , 2012, 8, e1002452.	3.2	158
108	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, 842-844.	3.3	13

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109	CAN CULLING TO PREVENT MONKEYPOX INFECTION BE COUNTER-PRODUCTIVE? SCENARIOS FROM A THEORETICAL MODEL. <i>Journal of Biological Systems</i> , 2012, 20, 259-283.	1.4	13
110	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.	1.7	8
111	Use of a Catalytic Model to Estimate Hepatitis A Incidence in a Low-Endemicity Country. <i>Medical Decision Making</i> , 2012, 32, 167-175.	2.4	5
112	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, 1-11.	1.3	10
113	Time for change? An economic evaluation of integrated cervical screening and HPV immunization programs in Canada. <i>Vaccine</i> , 2012, 30, 425-435.	3.8	19
114	The impact of personal experiences with infection and vaccination on behaviourâ€“incidence dynamics of seasonal influenza. <i>Epidemics</i> , 2012, 4, 139-151.	3.0	26
115	Food Webs in the Human Body: Linking Ecological Theory to Viral Dynamics. <i>PLoS ONE</i> , 2012, 7, e48812.	2.5	8
116	Dynamics of an Infectious Disease Where Media Coverage Influences Transmission. , 2012, 2012, 1-10.		69
117	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.	5.2	14
118	â€œWait and seeâ€“vaccinating behaviour during a pandemic: A game theoretic analysis. <i>Vaccine</i> , 2011, 29, 5519-5525.	3.8	53
119	Impact of Imitation Processes on the Effectiveness of Ring Vaccination. <i>Bulletin of Mathematical Biology</i> , 2011, 73, 2748-2772.	1.9	9
120	The impact of media coverage on the transmission dynamics of human influenza. <i>BMC Public Health</i> , 2011, 11, S5.	2.9	163
121	An agent-based computational model of the spread of tuberculosis. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2011, 2011, P05003.	2.3	17
122	Global Eradication of Measles: An Epidemiologic and Economic Evaluation. <i>Journal of Infectious Diseases</i> , 2011, 204, S98-S106.	4.0	71
123	Erratic Flu Vaccination Emerges from Short-Sighted Behavior in Contact Networks. <i>PLoS Computational Biology</i> , 2011, 7, e1001062.	3.2	62
124	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.	2.5	2
125	Modelling invasibility in endogenously oscillating tree populations: timing of invasion matters. <i>Biological Invasions</i> , 2010, 12, 219-231.	2.4	7
126	Stray dog population demographics in Jodhpur, India following a population control/rabies vaccination program. <i>Preventive Veterinary Medicine</i> , 2010, 97, 51-57.	1.9	132

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127	A population biological approach to the collective dynamics of countries undergoing demographic transition. <i>Journal of Theoretical Biology</i> , 2010, 265, 167-176.	1.7	1
128	A game dynamic model for delayer strategies in vaccinating behaviour for pediatric infectious diseases. <i>Journal of Theoretical Biology</i> , 2010, 267, 276-282.	1.7	46
129	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, 635-650.	2.6	14
130	Economic Appraisal of Ontario's Universal Influenza Immunization Program: A Cost-Utility Analysis. <i>PLoS Medicine</i> , 2010, 7, e1000256.	8.4	71
131	Adherence to cervical screening in the era of human papillomavirus vaccination: how low is too low?. <i>Lancet Infectious Diseases</i> , The, 2010, 10, 133-137.	9.1	25
132	Cervical cancer incidence can increase despite HPV vaccination – Author's reply. <i>Lancet Infectious Diseases</i> , The, 2010, 10, 595.	9.1	0
133	Rapid Emergence of Free-Riding Behavior in New Pediatric Immunization Programs. <i>PLoS ONE</i> , 2010, 5, e12594.	2.5	27
134	Incorporating Herd Immunity Effects into Cohort Models of Vaccine Cost-Effectiveness. <i>Medical Decision Making</i> , 2009, 29, 557-569.	2.4	29
135	Modelling mitigation strategies for pandemic (H1N1) 2009. <i>Cmaj</i> , 2009, 181, 673-680.	2.0	94
136	Social Contact Networks and Disease Eradicability under Voluntary Vaccination. <i>PLoS Computational Biology</i> , 2009, 5, e1000280.	3.2	129
137	A simulation analysis to characterize the dynamics of vaccinating behaviour on contact networks. <i>BMC Infectious Diseases</i> , 2009, 9, 77.	2.9	42
138	Interactions between climate change, competition, dispersal, and disturbances in a tree migration model. <i>Theoretical Ecology</i> , 2008, 1, 209-220.	1.0	28
139	Wealth as a source of density dependence in human population growth. <i>Oikos</i> , 2008, 117, 1824-1832.	2.7	13
140	Symmetric competition causes population oscillations in an individual-based model of forest dynamics. <i>Ecological Modelling</i> , 2008, 211, 491-500.	2.5	38
141	The effects of endogenous ecological memory on population stability and resilience in a variable environment. <i>Ecological Modelling</i> , 2008, 212, 334-341.	2.5	21
142	Dynamics of Vaccination Strategies via Projected Dynamical Systems. <i>Bulletin of Mathematical Biology</i> , 2007, 69, 1453-1476.	1.9	33
143	Evolving public perceptions and stability in vaccine uptake. <i>Mathematical Biosciences</i> , 2006, 204, 185-198.	1.9	184
144	Imitation dynamics predict vaccinating behaviour. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 1669-1675.	2.6	343

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145	Dynamically Modeling SARS and Other Newly Emerging Respiratory Illnesses. <i>Epidemiology</i> , 2005, 16, 791-801.	2.7	226
146	The spread of infectious diseases in spatially structured populations: An invasory pair approximation. <i>Mathematical Biosciences</i> , 2005, 198, 217-237.	1.9	65
147	Vaccination and the theory of games. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 13391-13394.	7.1	596
148	Using network models to approximate spatial point-process models. <i>Mathematical Biosciences</i> , 2003, 184, 101-114.	1.9	14
149	Transients and attractors in epidemics. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 1573-1578.	2.6	117
150	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, 10564-10567.	7.1	327
151	A versatile ODE approximation to a network model for the spread of sexually transmitted diseases. <i>Journal of Mathematical Biology</i> , 2002, 45, 375-395.	1.9	34