

# Lewi Stone

## 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.

154 papers	6,233 citations	40 h-index	76 g-index
164 ext. papers	7,047 ext. citations	7 avg, IF	5.98 L-index

#	Paper	IF	Citations
154	Effectiveness of joint species distribution models in the presence of imperfect detection. <i>Methods in Ecology and Evolution</i> , <b>2021</b> , 12, 1458-1474	7.7	
153	Inferring extinction date of a species using non-homogeneous Poisson processes with a change-point. <i>Methods in Ecology and Evolution</i> , <b>2021</b> , 12, 530-538	7.7	
152	Excess pneumonia and influenza death as herald wave of COVID-19 in England and Wales, United Kingdom. <i>Journal of Infection</i> , <b>2021</b> , 82, 282-327	18.9	1
151	Post-lockdown abatement of COVID-19 by fast periodic switching. <i>PLoS Computational Biology</i> , <b>2021</b> , 17, e1008604	5	19
150	Percolation of heterogeneous flows uncovers the bottlenecks of infrastructure networks. <i>Nature Communications</i> , <b>2021</b> , 12, 1254	17.4	13
149	Automated extraction of origin-destination demand for public transportation from smartcard data with pattern recognition. <i>Transportation Research Part C: Emerging Technologies</i> , <b>2021</b> , 129, 103210	8.4	1
148	Coherence of dengue incidence and climate in the wet and dry zones of Sri Lanka. <i>Science of the Total Environment</i> , <b>2020</b> , 724, 138269	10.2	2
147	The stability of mutualism. <i>Nature Communications</i> , <b>2020</b> , 11, 2648	17.4	7
146	Inferring extinction year using a Bayesian approach. <i>Methods in Ecology and Evolution</i> , <b>2020</b> , 11, 964-973	7.7	1
145	Spatiotemporal patterns of dengue outbreaks in Sri Lanka. <i>Infectious Diseases</i> , <b>2020</b> , 52, 350-360	3.1	4
144	New estimates of the Zika virus epidemic attack rate in Northeastern Brazil from 2015 to 2016: A modelling analysis based on Guillain-Barré Syndrome (GBS) surveillance data. <i>PLoS Neglected Tropical Diseases</i> , <b>2020</b> , 14, e0007502	4.8	10
143	Distributed Rigidity Recovery in Distance-Based Formations Using Configuration Lattice. <i>IEEE Transactions on Control of Network Systems</i> , <b>2020</b> , 7, 1547-1558	4	1
142	Kemeny-based testing for COVID-19. <i>PLoS ONE</i> , <b>2020</b> , 15, e0242401	3.7	3
141	High-resolution inference of genetic relationships among Jewish populations. <i>European Journal of Human Genetics</i> , <b>2020</b> , 28, 804-814	5.3	1
140	Difficulties in benchmarking ecological null models: an assessment of current methods. <i>Ecology</i> , <b>2020</b> , 101, e02945	4.6	3
139	Using survival theory models to quantify extinctions. <i>Biological Conservation</i> , <b>2020</b> , 241, 108345	6.2	1
138	Extraordinary curtailment of massive typhus epidemic in the Warsaw Ghetto. <i>Science Advances</i> , <b>2020</b> , 6, eabc0927	14.3	6

137 Kemeny-based testing for COVID-19 **2020**, 15, e0242401

136 Kemeny-based testing for COVID-19 **2020**, 15, e0242401

135 Kemeny-based testing for COVID-19 **2020**, 15, e0242401

134 Kemeny-based testing for COVID-19 **2020**, 15, e0242401

133 Understanding the connections between species distribution models for presence-background data. *Theoretical Ecology*, **2019**, 12, 73-88 1.6 8

132 Network motifs and their origins. *PLoS Computational Biology*, **2019**, 15, e1006749 5 29

131 Quantifying the Holocaust: Hyperintense kill rates during the Nazi genocide. *Science Advances*, **2019**, 5, eaau7292 14.3 5

130 Bayesian updating to estimate extinction from sequential observation data. *Biological Conservation*, **2019**, 229, 26-29 6.2 2

129 Adaptive wavelet estimation of a function from an m-dependent process with possibly unbounded m. *Communications in Statistics - Theory and Methods*, **2019**, 48, 1123-1135 0.5 1

128 Meningitis epidemics shift in sub-Saharan belt. *International Journal of Infectious Diseases*, **2018**, 68, 79-82 20.5 5

127 Inferring about the extinction of a species using certain and uncertain sightings. *Journal of Theoretical Biology*, **2018**, 442, 98-109 2.3 3

126 A New Metric to Find the Most Vulnerable Node in Complex Networks **2018**, 2

125 The feasibility and stability of large complex biological networks: a random matrix approach. *Scientific Reports*, **2018**, 8, 8246 4.9 32

124 Backward bifurcation and hysteresis in models of recurrent tuberculosis. *PLoS ONE*, **2018**, 13, e0194256 3.7 13

123 Modelling the large-scale yellow fever outbreak in Luanda, Angola, and the impact of vaccination. *PLoS Neglected Tropical Diseases*, **2018**, 12, e0006158 4.8 57

122 Modelling heterogeneity in host susceptibility to tuberculosis and its effect on public health interventions. *PLoS ONE*, **2018**, 13, e0206603 3.7 5

121 Controllability of complex networks: Choosing the best driver set. *Physical Review E*, **2018**, 98, 2.4 6

120 Analysis of Influenza and RSV dynamics in the community using a Local Transmission ZoneR approach. *Scientific Reports*, **2017**, 7, 42012 4.9 2

119	Integrated species distribution models: combining presence-background data and site-occupancy data with imperfect detection. <i>Methods in Ecology and Evolution</i> , <b>2017</b> , 8, 420-430	7.7	52
118	Analysis of a Heroin Epidemic Model with Saturated Treatment Function. <i>Journal of Applied Mathematics</i> , <b>2017</b> , 2017, 1-21	1.1	33
117	Inferring extinctions II: A practical, iterative model based on records and surveys. <i>Biological Conservation</i> , <b>2017</b> , 214, 328-335	6.2	17
116	Finding the Most Influential Nodes in Pinning Controllability of Complex Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2017</b> , 64, 685-689	3.5	27
115	Backward bifurcation in epidemic models: Problems arising with aggregated bifurcation parameters. <i>Applied Mathematical Modelling</i> , <b>2016</b> , 40, 1669-1675	4.5	12
114	The Google matrix controls the stability of structured ecological and biological networks. <i>Nature Communications</i> , <b>2016</b> , 7, 12857	17.4	16
113	Effective Augmentation of Complex Networks. <i>Scientific Reports</i> , <b>2016</b> , 6, 25627	4.9	7
112	A discrete Markov metapopulation model for persistence and extinction of species. <i>Journal of Theoretical Biology</i> , <b>2016</b> , 404, 391-397	2.3	2
111	Global Spatio-temporal Patterns of Influenza in the Post-pandemic Era. <i>Scientific Reports</i> , <b>2015</b> , 5, 11013	4.9	42
110	The stabilizing role of the Sabbath in pre-monarchic Israel: a mathematical model. <i>Journal of Biological Physics</i> , <b>2015</b> , 41, 203-21	1.6	3
109	The effects of connectivity on metapopulation persistence: network symmetry and degree correlations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 282, 20150203	4.4	14
108	Modeling the Impact of White-Plague Coral Disease in Climate Change Scenarios. <i>PLoS Computational Biology</i> , <b>2015</b> , 11, e1004151	5	15
107	A novel method for estimating the number of species within a region. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 281, 20133009	4.4	5
106	Spatio-temporal synchrony of influenza in cities across Israel: the "Israel is one city" hypothesis. <i>PLoS ONE</i> , <b>2014</b> , 9, e91909	3.7	3
105	A test for a shift in the boundary of the geographical range of a species. <i>Biology Letters</i> , <b>2014</b> , 10, 20130808	3.6	3
104	Multiannual forecasting of seasonal influenza dynamics reveals climatic and evolutionary drivers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 9538-42	11.5	67
103	Inferring extinction risks from sighting records. <i>Journal of Theoretical Biology</i> , <b>2013</b> , 338, 16-22	2.3	21
102	Species-area relationships always overestimate extinction rates from habitat loss: comment. <i>Ecology</i> , <b>2013</b> , 94, 761-3	4.6	16

101	Modelling seasonal influenza: the role of weather and punctuated antigenic drift. <i>Journal of the Royal Society Interface</i> , <b>2013</b> , 10, 20130298	4.1	36
100	Exact epidemic analysis for the star topology. <i>Physical Review E</i> , <b>2013</b> , 87, 042815	2.4	5
99	Determinants of periodicity in seasonally driven epidemics. <i>Journal of Theoretical Biology</i> , <b>2012</b> , 305, 88-95	2.3	16
98	Modelling the spread of diseases in clustered networks. <i>Journal of Theoretical Biology</i> , <b>2012</b> , 315, 110-8	2.3	21
97	Attack rates of seasonal epidemics. <i>Mathematical Biosciences</i> , <b>2012</b> , 235, 56-65	3.9	10
96	A vaccination model for a multi-city system. <i>Bulletin of Mathematical Biology</i> , <b>2012</b> , 74, 2474-87	2.1	4
95	Modelling transmission of vector-borne pathogens shows complex dynamics when vector feeding sites are limited. <i>PLoS ONE</i> , <b>2012</b> , 7, e36730	3.7	7
94	Modeling and statistical analysis of the spatio-temporal patterns of seasonal influenza in Israel. <i>PLoS ONE</i> , <b>2012</b> , 7, e45107	3.7	22
93	Predicting epidemic thresholds on complex networks: limitations of mean-field approaches. <i>Journal of Theoretical Biology</i> , <b>2011</b> , 288, 21-8	2.3	26
92	Why do females have so few extra-pair offspring?. <i>Behavioral Ecology and Sociobiology</i> , <b>2011</b> , 65, 513-523	3.5	12
91	Onset of a pandemic: characterizing the initial phase of the swine flu (H1N1) epidemic in Israel. <i>BMC Infectious Diseases</i> , <b>2011</b> , 11, 92	4	14
90	Modelling the initial phase of an epidemic using incidence and infection network data: 2009 H1N1 pandemic in Israel as a case study. <i>Journal of the Royal Society Interface</i> , <b>2011</b> , 8, 856-67	4.1	27
89	Not so Holy After All. <i>Israel Journal of Ecology and Evolution</i> , <b>2011</b> , 57, 193-204	0.8	3
88	Modelling seasonal influenza in Israel. <i>Mathematical Biosciences and Engineering</i> , <b>2011</b> , 8, 561-73	2.1	10
87	Pandemic dynamics and the breakdown of herd immunity. <i>PLoS ONE</i> , <b>2010</b> , 5, e9565	3.7	14
86	Predation Risk can Drive Cycles in Zoonotic Disease Prevalence. <i>Israel Journal of Ecology and Evolution</i> , <b>2010</b> , 56, 281-295	0.8	4
85	Connectivity, cycles, and persistence thresholds in metapopulation networks. <i>PLoS Computational Biology</i> , <b>2010</b> , 6, e1000876	5	22
84	NOISE-INDUCED SYNCHRONIZATION IN MULTITROPHIC CHAOTIC ECOLOGICAL SYSTEMS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2010</b> , 20, 1779-1788	2	2

83	Complementary predation on metamorphosing species promotes stability in predator-prey systems. <i>Theoretical Ecology</i> , <b>2010</b> , 3, 153-161	1.6	1
82	Spatio-temporal transmission patterns of black-band disease in a coral community. <i>PLoS ONE</i> , <b>2009</b> , 4, e4993	3.7	63
81	Emergence and size of the giant component in clustered random graphs with a given degree distribution. <i>Physical Review Letters</i> , <b>2009</b> , 102, 138701	7.4	16
80	Hot-Spot Facts and Artifacts-Questioning Israel's Great Biodiversity. <i>Israel Journal of Ecology and Evolution</i> , <b>2009</b> , 55, 263-279	0.8	9
79	Spatio-temporal waves and targeted vaccination in recurrent epidemic network models. <i>Journal of the Royal Society Interface</i> , <b>2009</b> , 6, 749-60	4.1	15
78	Genomic microsatellites identify shared Jewish ancestry intermediate between Middle Eastern and European populations. <i>BMC Genetics</i> , <b>2009</b> , 10, 80	2.6	41
77	Male infertility, female fertility and extrapair copulations. <i>Biological Reviews</i> , <b>2009</b> , 84, 225-44	13.5	67
76	The Big Friendly Giant: The Giant Component in Clustered Random Graphs <b>2009</b> , 237-252		
75	Pandemic influenza dynamics and the breakdown of herd immunity. <i>PLOS Currents</i> , <b>2009</b> , 1, RRN1046		3
74	Perception of musical consonance and dissonance: an outcome of neural synchronization. <i>Journal of the Royal Society Interface</i> , <b>2008</b> , 5, 1429-34	4.1	36
73	Ecological size-frequency distributions: how to prevent and correct biases in spatial sampling. <i>Limnology and Oceanography: Methods</i> , <b>2008</b> , 6, 144-153	2.6	27
72	Seasonal dynamics and thresholds governing recurrent epidemics. <i>Journal of Mathematical Biology</i> , <b>2008</b> , 56, 827-39	2	38
71	Mathematical model of pulsed immunotherapy for superficial bladder cancer. <i>Bulletin of Mathematical Biology</i> , <b>2008</b> , 70, 2055-76	2.1	64
70	Size-structured demographic models of coral populations. <i>Journal of Theoretical Biology</i> , <b>2007</b> , 245, 482-93	2.3	11
69	Seasonal dynamics of recurrent epidemics. <i>Nature</i> , <b>2007</b> , 446, 533-6	50.4	189
68	Mathematical model of BCG immunotherapy in superficial bladder cancer. <i>Bulletin of Mathematical Biology</i> , <b>2007</b> , 69, 1847-70	2.1	60
67	Chaotic oscillations and cycles in multi-trophic ecological systems. <i>Journal of Theoretical Biology</i> , <b>2007</b> , 248, 382-90	2.3	32
66	Trade up polygyny and breeding synchrony in avian populations. <i>Journal of Theoretical Biology</i> , <b>2006</b> , 238, 104-10	2.3	4

65	On Fitting a Model to a Population Time Series With Missing Values. <i>Israel Journal of Ecology and Evolution</i> , <b>2006</b> , 52, 1-10	0.8	10
64	GC composition of the human genome: in search of isochores. <i>Molecular Biology and Evolution</i> , <b>2005</b> , 22, 1260-72	8.3	61
63	A model for seasonal phytoplankton blooms. <i>Journal of Theoretical Biology</i> , <b>2005</b> , 236, 276-90	2.3	75
62	Modeling polio as a disease of development. <i>Journal of Theoretical Biology</i> , <b>2005</b> , 237, 302-15	2.3	29
61	Fertility assurance and breeding synchrony. <i>Bulletin of Mathematical Biology</i> , <b>2005</b> , 67, 875-83	2.1	3
60	Generating uniformly distributed random networks. <i>Physical Review E</i> , <b>2005</b> , 72, 056708	2.4	53
59	Detecting Nonlinearity in Time Series: Surrogate and Bootstrap Approaches. <i>Studies in Nonlinear Dynamics and Econometrics</i> , <b>2005</b> , 9,	0.7	14
58	Comment on "Network motifs: simple building blocks of complex networks" and "Superfamilies of evolved and designed networks". <i>Science</i> , <b>2004</b> , 305, 1107; author reply 1107	33.3	169
57	Indiscriminate polyandry and male parental effort. <i>Bulletin of Mathematical Biology</i> , <b>2004</b> , 66, 47-63	2.1	4
56	Advantageous indirect interactions in systems of competition. <i>Journal of Theoretical Biology</i> , <b>2004</b> , 228, 367-75	2.3	8
55	The effects of interaction compartments on stability for competitive systems. <i>Journal of Theoretical Biology</i> , <b>2004</b> , 227, 277-82	2.3	13
54	Bottom-up excitable models of phytoplankton blooms. <i>Bulletin of Mathematical Biology</i> , <b>2004</b> , 66, 865-78	2.1	17
53	Unexpected epidemic thresholds in heterogeneous networks: the role of disease transmission. <i>Physical Review E</i> , <b>2004</b> , 70, 030902	2.4	109
52	What Minimal Models Can Tell: A Reply to van Nes and Scheffer. <i>American Naturalist</i> , <b>2004</b> , 163, 927-929	3.7	1
51	A CRITICAL SMOOTHING TEST FOR MULTIPLE EQUILIBRIA. <i>Ecology</i> , <b>2003</b> , 84, 1459-1463	4.6	3
50	Biological indicators in marine and coastal waters: a statistical and modelling analysis of the MARS campaign. <i>Helgoland Marine Research</i> , <b>2003</b> , 57, 272-284	1.8	3
49	Fertility assurance through extrapair fertilizations and male paternity defense. <i>Journal of Theoretical Biology</i> , <b>2003</b> , 221, 103-14	2.3	17
48	Detection of imperfect population synchrony in an uncertain world. <i>Journal of Animal Ecology</i> , <b>2003</b> , 72, 953-968	4.7	66

47	Unusual synchronization of Red Sea fish energy expenditures. <i>Ecology Letters</i> , <b>2003</b> , 6, 83-86	10	6
46	Spatio-temporal synchronization of recurrent epidemics. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2003</b> , 270, 1519-26	4.4	49
45	From reciprocity to unconditional altruism through signalling benefits. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2003</b> , 270, 199-205	4.4	71
44	Detecting generalized synchrony: an improved approach. <i>Physical Review E</i> , <b>2003</b> , 67, 026223	2.4	11
43	Unexpected correspondence between noise-induced and master-slave complete synchronizations. <i>Physical Review E</i> , <b>2003</b> , 68, 037202	2.4	4
42	Noise-induced synchronization in realistic models. <i>Physical Review E</i> , <b>2003</b> , 67, 027201	2.4	59
41	The two sides of man-induced changes in littoral marine communities: Eastern Mediterranean and the Red Sea as an example. <i>Science of the Total Environment</i> , <b>2002</b> , 296, 139-51	10.2	8
40	Fertility assurance through extrapair fertilization, and male parental effort. <i>Bulletin of Mathematical Biology</i> , <b>2002</b> , 64, 809-23	2.1	3
39	Analysis of generalized synchronization in directionally coupled chaotic phase-coherent oscillators by local minimal fluctuations. <i>Physical Review E</i> , <b>2002</b> , 66, 036208	2.4	7
38	A model of phytoplankton blooms. <i>American Naturalist</i> , <b>2002</b> , 159, 156-71	3.7	93
37	Immune response and virus population composition: HIV as a case study. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2002</b> , 269, 809-15	4.4	11
36	Complex Synchronization Phenomena in Ecological Systems. <i>AIP Conference Proceedings</i> , <b>2002</b> ,	0	13
35	Complexity can enhance stability in competitive systems. <i>Ecology Letters</i> , <b>2001</b> , 4, 397-400	10	40
34	Categories of chaos and fractal basin boundaries in forced predator-prey models. <i>Chaos, Solitons and Fractals</i> , <b>2001</b> , 12, 265-276	9.3	58
33	Heterogeneity stabilizes reciprocal altruism interactions. <i>Journal of Theoretical Biology</i> , <b>2001</b> , 209, 87-95.	2.3	26
32	Unexpected coherence and conservation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2001</b> , 268, 2595-602	4.4	28
31	Multi-stage regulation, a key to reliable adaptive biochemical pathways. <i>Biophysical Journal</i> , <b>2001</b> , 81, 3016-28	2.9	18
30	On Desert Rodents, Favored States, and Unresolved Issues: Scaling Up and Down Regional Assemblages and Local Communities. <i>American Naturalist</i> , <b>2000</b> , 156, 322-328	3.7	27



29	Theoretical examination of the pulse vaccination policy in the SIR epidemic model. <i>Mathematical and Computer Modelling</i> , <b>2000</b> , 31, 207-215		178
28	Ecology. Nonlinearity and the Moran effect. <i>Nature</i> , <b>2000</b> , 406, 846-7	50.4	52
27	Seasonal dynamics of the Lake Kinneret food web: The importance of the microbial loop. <i>Limnology and Oceanography</i> , <b>2000</b> , 45, 350-361	4.8	48
26	CHAOS AND PHASE SYNCHRONIZATION IN ECOLOGICAL SYSTEMS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2000</b> , 10, 2361-2380	2	93
25	Mass Coral Reef Bleaching: A Recent Outcome of Increased El Niño Activity?. <i>Ecology Letters</i> , <b>1999</b> , 2, 325-330	10	41
24	Complex dynamics and phase synchronization in spatially extended ecological systems. <i>Nature</i> , <b>1999</b> , 399, 354-9	50.4	748
23	Evolution of cooperation between individuals. <i>Nature</i> , <b>1999</b> , 400, 226-7	50.4	146
22	Effects of immigration on the dynamics of simple population models. <i>Theoretical Population Biology</i> , <b>1999</b> , 55, 227-34	1.2	53
21	A possible link between El Niño and precipitation in Israel. <i>Geophysical Research Letters</i> , <b>1998</b> , 25, 3963-3966	4.9	109
20	El Niño Chaos: The role of noise and stochastic resonance on the ENSO cycle. <i>Geophysical Research Letters</i> , <b>1998</b> , 25, 175-178	4.9	29
19	Chaos in the Pacific coral reef bleaching cycle. <i>American Naturalist</i> , <b>1998</b> , 152, 447-59	3.7	34
18	Coherence resonance at noisy precursors of bifurcations in nonlinear dynamical systems. <i>Physical Review E</i> , <b>1997</b> , 56, 270-273	2.4	175
17	Community-Wide Assembly Patterns Unmasked: The Importance of Species Differing Geographical Ranges. <i>American Naturalist</i> , <b>1996</b> , 148, 997-1015	3.7	67
16	Ecosystem Resilience, Stability, and Productivity: Seeking a Relationship. <i>American Naturalist</i> , <b>1996</b> , 148, 892-903	3.7	38
15	Chaos, Cycles and Spatiotemporal Dynamics in Plant Ecology. <i>Journal of Ecology</i> , <b>1996</b> , 84, 279	6	42
14	Modelling coral reef biodiversity and habitat destruction. <i>Marine Ecology - Progress Series</i> , <b>1996</b> , 134, 299-302	2.6	15
13	Primary production and phytoplankton in Lake Kinneret: A long-term record (1972-1993). <i>Limnology and Oceanography</i> , <b>1995</b> , 40, 1064-1076	4.8	78
12	Ecological chaos. <i>Nature</i> , <b>1994</b> , 367, 418-418	50.4	3

11	El nino chaos: overlapping of resonances between the seasonal cycle and the pacific ocean-atmosphere oscillator. <i>Science</i> , <b>1994</b> , 264, 72-4	33.3	407
10	Reply from stone and weisburd. <i>Trends in Ecology and Evolution</i> , <b>1993</b> , 8, 36	10.9	
9	Lake Kinneret: A seasonal mode1 for carbon flux through the planktonic biota. <i>Limnology and Oceanography</i> , <b>1993</b> , 38, 1680-1695	4.8	32
8	Positive feedback in aquatic ecosystems: The case of the microbial loop. <i>Bulletin of Mathematical Biology</i> , <b>1993</b> , 55, 919-936	2.1	20
7	Positive feedback in aquatic ecosystems. <i>Trends in Ecology and Evolution</i> , <b>1992</b> , 7, 263-7	10.9	39
6	Can there be a war of all against all?. <i>Journal of Social and Evolutionary Systems</i> , <b>1992</b> , 15, 315-318		2
5	Competitive exclusion, or species aggregation? : An aid in deciding. <i>Oecologia</i> , <b>1992</b> , 91, 419-424	2.9	93
4	Conditions for a Species to Gain Advantage from the Presence of Competitors. <i>Ecology</i> , <b>1991</b> , 72, 1964-1972	10.2	87
3	The checkerboard score and species distributions. <i>Oecologia</i> , <b>1990</b> , 85, 74-79	2.9	705
2	Modelling COVID-19 Vaccine Breakthrough Infections in Highly Vaccinated Israel [The effects of waning immunity and third vaccination dose		3
1	The unexpected dynamics of COVID-19 in Manaus, Brazil: Was herd immunity achieved?		11