Joel E Cohen

List of Publications by Year
in descending order

225	11,902	28274	30922
papers	citations	55 h-index	102 g-index

233	233	233	9560
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interspecific competition affects temperature stability in Daisyworld. Tellus, Series B: Chemical and Physical Meteorology, 2022, 52, 980.	1.6	18
2	Cauchy, normal and correlations versus heavy tails. Statistics and Probability Letters, 2022, 186, 109489.	0.7	1
3	Bilateral international migration flow estimates updated and refined by sex. Scientific Data, 2022, 9, 173.	5.3	4
4	Temporal and Spatial Taylor's Law: Application to Japanese Subnational Mortality Rates. Journal of the Royal Statistical Society Series A: Statistics in Society, 2022, 185, 1979-2006.	1.1	1
5	Spatial and temporal autocorrelations affect Taylor's law for US county populations: Descriptive and predictive models. PLoS ONE, 2021, 16, e0245062.	2.5	4
6	Taylorâ€™s law of fluctuation scaling for semivariances and higher moments of heavy-tailed data. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	3
7	Every variance function, including Taylorâ€™s power law of fluctuation scaling, can be produced by any location-scale family of distributions with positive mean and variance. Theoretical Ecology, 2020, 13, 1-5.	1.0	12
8	Nonconcavity of the spectral radius in Levinger's theorem. Linear Algebra and Its Applications, 2020, 606, 201-218.	0.9	0
9	Species-abundance distributions and Taylorâ€™s power law of fluctuation scaling. Theoretical Ecology, 2020, 13, 607-614.	1.0	1
10	Seasonality of Taylorâ€™s law of fluctuation scaling in all-India daily rainfall. Npj Climate and Atmospheric Science, 2020, 3, .	6.8	1
11	Heavy-tailed distributions, correlations, kurtosis and Taylorâ€™s Law of fluctuation scaling. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2020, 476, 20200610.	2.1	8
12	Yeast facilitates the multiplication of Drosophila bacterial symbionts but has no effect on the form or parameters of Taylorâ€™s law. PLoS ONE, 2020, 15, e0242692.	2.5	1
13	Title is missing!. , 2020, 15, e0242692.		0
14	Title is missing!. , 2020, 15, e0242692.		0
15	Title is missing!. , 2020, 15, e0242692.		0
16	Title is missing!. , 2020, 15, e0242692.		0
17	Sequential analysis and design of fixed-precision sampling of Lake Kariba fishes using Taylorâ€™s power law. Canadian Journal of Fisheries and Aquatic Sciences, 2019, 76, 904-917.	1.4	4
18	Bilateral international migration flow estimates for 200 countries. Scientific Data, 2019, 6, 82.	5.3	51

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19	Analyzing and interpreting spatial and temporal variability of the United States county population distributions using Taylor's law. PLoS ONE, 2019, 14, e0226096.	2.5	12
20	How to Measure Population Aging? The Answer Is Less than Obvious: A Review. Gerontology, 2019, 65, 136-144.	2.8	41
21	Sum of a Random Number of Correlated Random Variables that Depend on the Number of Summands. American Statistician, 2019, 73, 56-60.	1.6	7
22	Two Processes Regulating Trophic Energy Flow in Pelagic and Terrestrial Ecosystems: Trophic Efficiency and Body Sizeâ€"Dependent Biomass Production: (A Reply to Giacomini). American Naturalist, 2018, 191, 364-367.	2.1	0
23	SQUARED COEFFICIENT OF VARIATION OF TAYLOR'S LAW FOR RANDOM ABSOLUTE DIFFERENCES. Probability in the Engineering and Informational Sciences, 2018, 32, 483-494.	0.8	1
24	Temporal scale of environmental correlations affects ecological synchrony. Ecology Letters, 2018, 21, 1800-1811.	6.4	16
25	Environmental variability and density dependence in the temporal Taylorâ€™s law. Ecological Modelling, 2018, 387, 134-143.	2.5	9
26	Evaluating multi-regional population projections with Taylorâ€™s law of meanâ€"variance scaling and its generalisation. Journal of Population Research, 2017, 34, 79-99.	1.1	8
27	Synchrony affects Taylorâ€™s law in theory and data. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6788-6793.	7.1	32
28	Linking parasite populations in hosts to parasite populations in space through Taylor's law and the negative binomial distribution. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E47-E56.	7.1	17
29	Taylor's law, via ratios, for some distributions with infinite mean. Journal of Applied Probability, 2017, 54, 657-669.	0.7	8
30	Modeling distances between humans using Taylorâ€™s law and geometric probability. Mathematical Population Studies, 2017, 24, 197-218.	2.2	3
31	Taylorâ€™s power law and fixed-precision sampling: application to abundance of fish sampled by gillnets in an African lake. Canadian Journal of Fisheries and Aquatic Sciences, 2017, 74, 87-100.	1.4	10
32	Chagas disease vector control and Taylor's law. PLoS Neglected Tropical Diseases, 2017, 11, e0006092.	3.0	15
33	Body size and hosts of Triatoma infestans populations affect the size of bloodmeal contents and female fecundity in rural northwestern Argentina. PLoS Neglected Tropical Diseases, 2017, 11, e0006097.	3.0	12
34	Taylor's law and related allometric power laws in New Zealand mountain beech forests: the roles of space, time and environment. Oikos, 2016, 125, 1342-1357.	2.7	18
35	More tornadoes in the most extreme U.S. tornado outbreaks. Science, 2016, 354, 1419-1423.	12.6	84
36	Population dynamics, synchrony, and environmental quality of Hokkaido voles lead to temporal and spatial Taylor's laws. Ecology, 2016, 97, 3402-3413.	3.2	21

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37	Longer Food Chains in Pelagic Ecosystems: Trophic Energetics of Animal Body Size and Metabolic Efficiency. American Naturalist, 2016, 188, 76-86.	2.1	17
38	Tornado outbreak variability follows Taylorâ€™s power law of fluctuation scaling and increases dramatically with severity. Nature Communications, 2016, 7, 10668.	12.8	65
39	Statistics of Primes (and Probably Twin Primes) Satisfy Taylor's Law from Ecology. American Statistician, 2016, 70, 399-404.	1.6	11
40	Sample and population exponents of generalized Taylorâ€™s law. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7755-7760.	7.1	64
41	Parasitism alters three power laws of scaling in a metazoan community: Taylorâ€™s law, density-mass allometry, and variance-mass allometry. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1791-1796.	7.1	52
42	Robustness of Taylor's law under spatial hierarchical groupings of forest tree samples. Population Ecology, 2015, 57, 93-103.	1.2	9
43	Mean and variance of population density and temporal Taylorâ€™s law in stochastic stage-structured density-dependent models of exploited fish populations. Theoretical Ecology, 2015, 8, 175-186.	1.0	4
44	Markov's Inequality and Chebyshev's Inequality for Tail Probabilities: A Sharper Image. American Statistician, 2015, 69, 5-7.	1.6	15
45	Random sampling of skewed distributions implies Taylorâ€™s power law of fluctuation scaling. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7749-7754.	7.1	97
46	Reply to Chen: Under specified assumptions, adequate random samples of skewed distributions obey Taylor's law. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3157-E3158.	7.1	0
47	Taylorâ€™s power law and the stability of crop yields. Field Crops Research, 2015, 183, 294-302.	5.1	58
48	Domestic Animal Hosts Strongly Influence Human-Feeding Rates of the Chagas Disease Vector Triatoma infestans in Argentina. PLoS Neglected Tropical Diseases, 2014, 8, e2894.	3.0	54
49	Key Source Habitats and Potential Dispersal of Triatoma infestans Populations in Northwestern Argentina: Implications for Vector Control. PLoS Neglected Tropical Diseases, 2014, 8, e3238.	3.0	38
50	Taylor's law and abrupt biotic change in a smoothly changing environment. Theoretical Ecology, 2014, 7, 77-86.	1.0	16
51	Defining Risk Groups to Yellow Fever Vaccine-Associated Viscerotropic Disease in the Absence of Denominator Data. American Journal of Tropical Medicine and Hygiene, 2014, 90, 267-271.	1.4	10
52	Population age and initial density in a patchy environment affect the occurrence of abrupt transitions in a birth-and-death model of Taylor's law. Ecological Modelling, 2014, 289, 59-65.	2.5	7
53	Cauchy inequalities for the spectral radius of products of diagonal and nonnegative matrices. Proceedings of the American Mathematical Society, 2014, 142, 3665-3674.	0.8	3
54	Stochastic population dynamics in a Markovian environment implies Taylorâ€™s power law of fluctuation scaling. Theoretical Population Biology, 2014, 93, 30-37.	1.1	29

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55	Chebyshev and GrÃ¼ss inequalities for real rectangular matrices. Linear Algebra and Its Applications, 2014, 447, 133-138.	0.9	1
56	Soil invertebrates, chemistry, weather, human management, and edaphic food webs at 135 sites in The Netherlands: SIZEWEB. Ecology, 2014, 95, 578-578.	3.2	9
57	Taylorâ€™s power law of fluctuation scaling and the growth-rate theorem. Theoretical Population Biology, 2013, 88, 94-100.	1.1	28
58	Stochastic multiplicative population growth predicts and interprets Taylor's power law of fluctuation scaling. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122955.	2.6	44
59	Generalized minimax and maximin inequalities for order statistics and quantile functions. Proceedings of the American Mathematical Society, 2013, 141, 2515-2517.	0.8	1
60	Taylor's Law holds in experimental bacterial populations but competition does not influence the slope. Biology Letters, 2012, 8, 316-319.	2.3	33
61	Pythagoras in a Box. Math Horizons, 2012, 19, 14-15.	0.0	0
62	Taylor's law and body size in exploited marine ecosystems. Ecology and Evolution, 2012, 2, 3168-3178.	1.9	12
63	Allometric scaling of population variance with mean body size is predicted from Taylorâ€™s law and density-mass allometry. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15829-15834.	7.1	59
64	Bacterial microcosms obey Taylor's law: effects of abiotic and biotic stress and genetics on mean and variance of population density. Ecological Processes, 2012, 1, 5.	3.9	20
65	Modelling evolutionarily stable strategies in oviposition site selection, with varying risks of predation and intraspecific competition. Evolutionary Ecology, 2012, 26, 955-974.	1.2	22
66	Oviposition habitat selection by Anopheles gambiae in response to chemical cues by Notonecta maculata. Journal of Vector Ecology, 2011, 36, 421-425.	1.0	31
67	Childbearing impeded education more than education impeded childbearing among Norwegian women. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11830-11835.	7.1	49
68	Science and Law: Rattled by Quakes. Science, 2011, 334, 1472-1472.	12.6	0
69	Determinants of International Migration Flows to and from Industrialized Countries: A Panel Data Approach beyond Gravity. International Migration Review, 2010, 44, 899-932.	2.1	117
70	Fallowing did not disrupt invertebrate fauna in Philippine low-pesticide irrigated rice fields. Journal of Applied Ecology, 2010, 47, 593-602.	4.0	30
71	Predatorâ€released hydrocarbons repel oviposition by a mosquito. Ecology Letters, 2010, 13, 1129-1138.	6.4	76
72	Intraseasonal Dynamics and Dominant Sequences in H3N2 Influenza. PLoS ONE, 2010, 5, e8544.	2.5	11

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73	Population and climate change. Proceedings of the American Philosophical Society, 2010, 154, 158-82.	0.5	16
74	Spatial Re-Establishment Dynamics of Local Populations of Vectors of Chagas Disease. PLoS Neglected Tropical Diseases, 2009, 3, e490.	3.0	22
75	Food webs are more than the sum of their tritrophic parts. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 22335-22340.	7.1	59
76	Chapter 1 Allometry of Body Size and Abundance in 166 Food Webs. Advances in Ecological Research, 2009, , 1-44.	2.7	60
77	Chapter 2 Human and Environmental Factors Influence Soil Faunal Abundanceâ€“Mass Allometry and Structure. Advances in Ecological Research, 2009, , 45-85.	2.7	15
78	Make secondary education universal. Nature, 2008, 456, 572-573.	27.8	29
79	Colour of environmental noise affects the nonlinear dynamics of cycling, stageâ€structured populations. Ecology Letters, 2008, 11, 820-830.	6.4	28
80	Three allometric relations of population density to body mass: theoretical integration and empirical tests in 149 food webs. Ecology Letters, 2008, 11, 1216-1228.	6.4	106
81	International migration beyond gravity: A statistical model for use in population projections. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15269-15274.	7.1	85
82	Sustainable vector control and management of Chagas disease in the Gran Chaco, Argentina. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16194-16199.	7.1	219
83	Body sizes in food chains of animal predators and parasites. , 2007, , 306-325.		2
84	CONSUMERâ€“RESOURCE BODY-SIZE RELATIONSHIPS IN NATURAL FOOD WEBS. Ecology, 2006, 87, 2411-2417.	3.2	568
85	The evolution of a great mind: the life and work of Darwin. Lancet, The, 2006, 367, 721-722.	13.7	2
86	Re-establishment of local populations of vectors of Chagas disease after insecticide spraying. Journal of Applied Ecology, 2006, 44, 220-227.	4.0	20
87	Power spectra reveal the influence of stochasticity on nonlinear population dynamics. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 18860-18865.	7.1	47
88	Human Population Grows Up. Scientific American, 2005, 293, 48-55.	1.0	53
89	A family of inequalities originating from coding of messages. Linear Algebra and Its Applications, 2005, 395, 1-82.	0.9	0
90	Body sizes of hosts and parasitoids in individual feeding relationships. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 684-689.	7.1	92

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91	Food Webs, Body Size, and Species Abundance in Ecological Community Description. Advances in Ecological Research, 2005, , 1-84.	2.7	142
92	Estimating Relative Energy Fluxes Using the Food Web, Species Abundance, and Body Size. Advances in Ecological Research, 2005, 36, 137-182.	2.7	35
93	BODY SIZES OF CONSUMERS AND THEIR RESOURCES. Ecology, 2005, 86, 2545-2545.	3.2	105
94	SPECIES' AVERAGE BODY MASS AND NUMERICAL ABUNDANCE IN A COMMUNITY FOOD WEB. , 2005, , 137-156.		8
95	Incidence of trypanosoma cruzi infection among children following domestic reinfestation after insecticide spraying in rural northwestern Argentina. American Journal of Tropical Medicine and Hygiene, 2005, 73, 95-103.	1.4	50
96	Elementary inequalities that involve two nonnegative vectors or functions. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 15018-15022.	7.1	1
97	Mathematics Is Biology's Next Microscope, Only Better; Biology Is Mathematics' Next Physics, Only Better. PLoS Biology, 2004, 2, e439.	5.6	203
98	Bacterial traits, organism mass, and numerical abundance in the detrital soil food web of Dutch agricultural grasslands. Ecology Letters, 2004, 8, 80-90.	6.4	103
99	Interaction strengths in food webs: issues and opportunities. Journal of Animal Ecology, 2004, 73, 585-598.	2.8	557
100	Trophic linksâ€™ length and slope in the Tuesday Lake food web with speciesâ€™ body mass and numerical abundance. Journal of Animal Ecology, 2004, 73, 852-866.	2.8	34
101	Oviposition habitat selection in response to risk of predation in temporary pools: mode of detection and consistency across experimental venue. Oecologia, 2004, 138, 300-305.	2.0	226
102	Altitude is a phenotypic modifier in hereditary paraganglioma typeï¿½1: evidence for an oxygen-sensing defect. Human Genetics, 2003, 113, 228-237.	3.8	176
103	Ecological community description using the food web, species abundance, and body size. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 1781-1786.	7.1	478
104	Human Population: The Next Half Century. Science, 2003, 302, 1172-1175.	12.6	665
105	Congenital Transmission ofTrypanosoma cruziInfection in Argentina. Emerging Infectious Diseases, 2003, 9, 29-32.	4.3	101
106	OVIPOSITION HABITAT SELECTION BY MOSQUITOES (CULISETA LONGIAREOLATA) AND CONSEQUENCES FOR POPULATION SIZE. Ecology, 2002, 83, 669-679.	3.2	123
107	Global Stability, Local Stability and Permanence in Model Food Webs. Journal of Theoretical Biology, 2001, 212, 223-235.	1.7	73
108	Linking Human and Natural History: A Review Essay*. Population and Development Review, 2001, 27, 573-584.	2.1	1

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109	Modeling Household Transmission of American Trypanosomiasis. Science, 2001, 293, 694-698.	12.6	216
110	Coastal Hazards and the Global Distribution of Human Population. Environmental Geosciences, 2000, 7, 3-12.	0.6	69
111	Population problems: Recent developments and their impact. Asia-Pacific Review, 2000, 7, 86-98.	0.1	1
112	Interspecific competition affects temperature stability in Daisyworld. Tellus, Series B: Chemical and Physical Meteorology, 2000, 52, 980-984.	1.6	8
113	Universal Basic and Secondary Education. Politics and the Life Sciences, 1999, 18, 213-216.	0.7	1
114	Spectral mimicry: A method of synthesizing matching time series with different Fourier spectra. Circuits, Systems, and Signal Processing, 1999, 18, 431-442.	2.0	29
115	Investing in the World Health Organization. Science, 1999, 284, 911-911.	12.6	19
116	Despairing optimism. Trends in Ecology and Evolution, 1999, 14, 163-165.	8.7	0
117	Should Population Projections Consider "Limiting Factors"--and If So, How?. Population and Development Review, 1998, 24, 118.	2.1	7
118	Population, Economics, Environment and Culture: An Introduction to Human Carrying Capacity. Journal of Applied Ecology, 1997, 34, 1325.	4.0	46
119	Why Should More United States Tax Money be Used to Pay for Development Assistance in Poor Countries?. Population and Development Review, 1997, 23, 579.	2.1	0
120	Effects of chickens on the prevalence of infestation and population density of Triatoma infestans in rural houses of northâ€west Argentina. Medical and Veterinary Entomology, 1997, 11, 383-388.	1.5	51
121	Orthogonal cycle transforms of stochastic matrices. Circuits, Systems, and Signal Processing, 1997, 16, 363-374.	2.0	4
122	The role of the peridomiciliary area in the elimination of Triatoma infestans from rural Argentine communities. Revista Panamericana De Salud Publica/Pan American Journal of Public Health, 1997, 1, 273-279.	1.1	84
123	Host-Feeding Patterns of Domiciliary Triatoma infestans (Hemiptera: Reduviidae) in Northwest Argentina: Seasonal and Instar Variation. Journal of Medical Entomology, 1996, 33, 15-26.	1.8	46
124	Marker Transport Through Ecosystem Energy Flow. Journal of Theoretical Biology, 1996, 179, 323-328.	1.7	3
125	Competition during colonization vs competition after colonization in disturbed environments: A metapopulation approach. Bulletin of Mathematical Biology, 1996, 58, 1187-1207.	1.9	5
126	Food web dynamics of irrigated rice fields at five elevations in Luzon, Philippines. Bulletin of Entomological Research, 1996, 86, 451-466.	1.0	49

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127	Game Control.. Population and Development Review, 1996, 22, 578.	2.1	1
128	Red, white and blue: environmental variance spectra and coexistence in metapopulations. Journal of Theoretical Biology, 1995, 176, 301-316.	1.7	72
129	Unexpected dominance of high frequencies in chaotic nonlinear population models. Nature, 1995, 378, 610-612.	27.8	121
130	H<scp>ow</scp> M<scp>any</scp> P<scp>eople</scp> C<scp>an the</scp> E<scp>arth</scp> S<scp>upport</scp>?. The Sciences, 1995, 35, 18-23.	0.1	62
131	Fertility incentives and participation in localities with limited means: A dynamic model of per capita resources. Mathematical Population Studies, 1994, 5, 3-24.	2.2	0
132	Disturbances allow coexistence of competing species. Journal of Mathematical Biology, 1994, 32, 663-676.	1.9	15
133	Nonnegative ranks, decompositions, and factorizations of nonnegative matrices. Linear Algebra and Its Applications, 1993, 190, 149-168.	0.9	176
134	Relative entropy under mappings by stochastic matrices. Linear Algebra and Its Applications, 1993, 179, 211-235.	0.9	54
135	Body Sizes of Animal Predators and Animal Prey in Food Webs. Journal of Animal Ecology, 1993, 62, 67.	2.8	600
136	Modeling the Population Dynamics of a Cuckoo-Host Association and the Evolution of Host Defenses. American Naturalist, 1993, 142, 819-839.	2.1	97
137	Giant components in three-parameter random directed graphs. Advances in Applied Probability, 1992, 24, 845-857.	0.7	1
138	Random arithmetic-geometric means and random pi: observations and conjectures. Stochastic Processes and Their Applications, 1992, 41, 261-271.	0.9	0
139	Trophic levels in community food webs. Evolutionary Ecology, 1992, 6, 73-89.	1.2	21
140	Supermultiplicative Inequalities for the Permanent of Nonnegative Matrices. Mathematics Magazine, 1992, 65, 41.	0.1	1
141	Perturbation Theory of a Nonlinear Game of von Neumann. SIAM Journal on Matrix Analysis and Applications, 1991, 12, 592-596.	1.4	3
142	Temporal Variation in Food Web Structure: 16 Empirical Cases. Ecological Monographs, 1991, 61, 267-298.	5.4	109
143	MÃ¶bius Inversion of Random Acyclic Directed Graphs. Studies in Applied Mathematics, 1991, 84, 1-6.	2.4	0
144	Community Area and Food-Chain Length: Theoretical Predictions. American Naturalist, 1991, 138, 1542-1554.	2.1	82

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145	Food web patterns and their consequences. Nature, 1991, 350, 669-674.	27.8	666
146	Paradoxical behaviour of mechanical and electrical networks. Nature, 1991, 352, 699-701.	27.8	122
147	Disturbance, interspecific interaction and diversity in metapopulations. Biological Journal of the Linnean Society, 1991, 42, 193-218.	1.6	91
148	Stability of vertices in random boolean cellular automata. Random Structures and Algorithms, 1991, 2, 327-334.	1.1	6
149	A Stochastic Theory of Community Food Webs. V. Intervality and Triangulation in the Trophic-Niche Overlap Graph. American Naturalist, 1990, 135, 435-463.	2.1	29
150	A paradox of congestion in a queuing network. Journal of Applied Probability, 1990, 27, 730-734.	0.7	116
151	Population System Control (Jian Song and Jingyuan Yu). SIAM Review, 1990, 32, 494-500.	9.5	4
152	DNA Fingerprinting: What (Really) are the Odds?. Chance, 1990, 3, 26-32.	0.2	3
153	Convexity properties of generalizations of the arithmetic-geometric mean. Numerical Functional Analysis and Optimization, 1990, 11, 33-44.	1.4	1
154	Community Food Webs. Biomathematics, 1990, , .	0.7	350
155	A stochastic theory of community food webs. VI. Heterogeneous alternatives to the cascade model. Theoretical Population Biology, 1990, 37, 55-90.	1.1	34
156	BIG FISH, LITTLE FISH. The Sciences, 1989, 29, 36-43.	0.1	2
157	Just proportions in food webs. Nature, 1989, 341, 104-105.	27.8	13
158	The World Fertility Survey: An Appraisal of Methodology: Comment. Journal of the American Statistical Association, 1989, 84, 772.	3.1	0
159	Host-Parasite Relations and Random Zero-Sum Games: The Stabilizing Effect of Strategy Diversification. American Naturalist, 1989, 133, 533-552.	2.1	11
160	Pursuitâ€"Evasion games on graphs. Journal of Graph Theory, 1988, 12, 159-167.	0.9	12
161	Threshold phenomena in random structures. Discrete Applied Mathematics, 1988, 19, 113-128.	0.9	19
162	Spectral inequalities for matrix exponentials. Linear Algebra and Its Applications, 1988, 111, 25-28.	0.9	18

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163	A special section for correspondence and controversy. Population and Environment, 1988, 10, 59-72.	3.0	0
164	Subadditivity, Generalized Products of Random Matrices and Operations Research. SIAM Review, 1988, 30, 69-86.	9.5	56
165	Dynamic Basis of Food Web Organization. Ecology, 1988, 69, 1655-1664.	3.2	59
166	Arithmetic-geometric means of positive matrices. Mathematical Proceedings of the Cambridge Philosophical Society, 1987, 101, 209-219.	0.4	4
167	The Sensitivity of Expected Spanning Trees in Anisotropic Random Graphs. North-Holland Mathematics Studies, 1987, 144, 9-16.	0.2	0
168	Life not lived due to disequilibrium in heterogeneous age-structured populations. Theoretical Population Biology, 1986, 29, 385-406.	1.1	11
169	Connectivity of finite anisotropic random graphs and directed graphs. Mathematical Proceedings of the Cambridge Philosophical Society, 1986, 99, 315-330.	0.4	6
170	Population forecasts and confidence intervals for sweden: a comparison of model-based and empirical approaches. Demography, 1986, 23, 105-126.	2.5	85
171	Approaching consensus can be delicate when positions harden. Stochastic Processes and Their Applications, 1986, 22, 315-322.	0.9	46
172	Perturbation theory of completely mixed matrix games. Linear Algebra and Its Applications, 1986, 79, 153-162.	0.9	6
173	The game-theoretic value and the spectral radius of a nonnegative matrix. Proceedings of the American Mathematical Society, 1985, 93, 205-205.	0.8	5
174	Maryland Striped Bass: Recruitment Declining below Replacement. Transactions of the American Fisheries Society, 1985, 114, 146-151.	1.4	28
175	Measuring the uncertainty of population forecasts: a comparison of two approaches. Advances in Applied Probability, 1985, 17, 246-247.	0.7	1
176	Confidence intervals for demographic projections based on products of random matrices. Theoretical Population Biology, 1985, 27, 120-153.	1.1	109
177	Can Fitness be Aggregated?. American Naturalist, 1985, 125, 716-729.	2.1	9
178	Community food webs have scale-invariant structure. Nature, 1984, 307, 264-267.	27.8	264
179	The Stability of Large Random Matrices and Their Products. Annals of Probability, 1984, 12, 283.	1.8	102
180	World Population and Development: Challenges and Prospects.Philip M. Hauser. American Journal of Sociology, 1984, 90, 472-474.	0.5	0

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181	Finite Markov processes and their applications. Mathematical Biosciences, 1983, 64, 299-301.	1.9	0
182	A Stochastic Age-Structured Population Model of Striped Bass (Morone saxatilis) in the Potomac River. Canadian Journal of Fisheries and Aquatic Sciences, 1983, 40, 2170-2183.	1.4	55
183	The asymptotic probability that a random graph is a unit interval graph, indifference graph, or proper interval graph. Discrete Mathematics, 1982, 40, 21-24.	0.7	8
184	Eigenvalue inequalities for products of matrix exponentials. Linear Algebra and Its Applications, 1982, 45, 55-95.	0.9	42
185	Sets of nonnegative matrices with positive inhomogeneous products. Linear Algebra and Its Applications, 1982, 47, 185-192.	0.9	12
186	Some trees are not interval graphs. Bulletin of Mathematical Biology, 1981, 43, 717-717.	1.9	0
187	Shorter Notes: Convexity of the Dominant Eigenvalue of an Essentially Nonnegative Matrix. Proceedings of the American Mathematical Society, 1981, 81, 657.	0.8	27
188	The size distributions of proteins, mRNA, and nuclear RNA. Journal of Molecular Evolution, 1980, 15, 37-57.	1.8	48
189	Effects of reovirus infection on the spatial and temporal organization of DNA replication in L cells. Chromosoma, 1980, 79, 207-214.	2.2	6
190	Estimating malaria incidence and recovery rates from panel surveys. Mathematical Biosciences, 1980, 49, 273-305.	1.9	45
191	A Longitudinal Study of Human Malaria in the West African Savanna in the Absence of Control Measures: Relationships between Different Plasmodium Species, in Particular P. Falciparum and P. Malariae *. American Journal of Tropical Medicine and Hygiene, 1980, 29, 725-737.	1.4	99
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