

# Simon A Levin

## List of Publications by Citations

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487  
papers

51,660  
citations

106  
h-index

220  
g-index

541  
ext. papers

59,747  
ext. citations

7.9  
avg, IF

7.93  
L-index

#	Paper	IF	Citations
487	The Problem of Pattern and Scale in Ecology: The Robert H. MacArthur Award Lecture. <i>Ecology</i> , <b>1992</b> , 73, 1943-1967	4.6	4212
486	Effective leadership and decision-making in animal groups on the move. <i>Nature</i> , <b>2005</b> , 433, 513-6	50.4	1748
485	Global trends in antimicrobial use in food animals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 5649-54	11.5	1574
484	Global antibiotic consumption 2000 to 2010: an analysis of national pharmaceutical sales data. <i>Lancet Infectious Diseases</i> , <b>2014</b> , 14, 742-750	25.5	1285
483	Anticipating critical transitions. <i>Science</i> , <b>2012</b> , 338, 344-8	33.3	1207
482	Global increase and geographic convergence in antibiotic consumption between 2000 and 2015. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E3463-E3470	11.5	1111
481	Economic growth, carrying capacity, and the environment. <i>Science</i> , <b>1995</b> , 268, 520-1	33.3	1077
480	Intertidal Landscapes: Disturbance and the Dynamics of Pattern. <i>Ecological Monographs</i> , <b>1981</b> , 51, 145-178	17.8	888
479	Towards a general theory of adaptive walks on rugged landscapes. <i>Journal of Theoretical Biology</i> , <b>1987</b> , 128, 11-45	2.3	886
478	Ecosystems and the Biosphere as Complex Adaptive Systems. <i>Ecosystems</i> , <b>1998</b> , 1, 431-436	3.9	884
477	Dispersion and Population Interactions. <i>American Naturalist</i> , <b>1974</b> , 108, 207-228	3.7	827
476	The global extent and determinants of savanna and forest as alternative biome states. <i>Science</i> , <b>2011</b> , 334, 230-2	33.3	814
475	The Importance of Being Discrete (and Spatial). <i>Theoretical Population Biology</i> , <b>1994</b> , 46, 363-394	1.2	760
474	Marine taxa track local climate velocities. <i>Science</i> , <b>2013</b> , 341, 1239-42	33.3	732
473	Optimal nitrogen-to-phosphorus stoichiometry of phytoplankton. <i>Nature</i> , <b>2004</b> , 429, 171-4	50.4	648
472	Ecology. The value of nature and the nature of value. <i>Science</i> , <b>2000</b> , 289, 395-6	33.3	614
471	Disturbance, patch formation, and community structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1974</b> , 71, 2744-7	11.5	597

470	Trading-off fish biodiversity, food security, and hydropower in the Mekong River Basin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 5609-14	11.5	553
469	The Ecology and Evolution of Seed Dispersal: A Theoretical Perspective. <i>Annual Review of Ecology, Evolution, and Systematics</i> , <b>2003</b> , 34, 575-604	13.5	552
468	Influence of nonlinear incidence rates upon the behavior of SIRS epidemiological models. <i>Journal of Mathematical Biology</i> , <b>1986</b> , 23, 187-204	2	520
467	Diffusion and Ecological Problems: Modern Perspectives. <i>Interdisciplinary Applied Mathematics</i> , <b>2001</b> ,	0.7	510
466	Dynamical behavior of epidemiological models with nonlinear incidence rates. <i>Journal of Mathematical Biology</i> , <b>1987</b> , 25, 359-80	2	509
465	Mechanisms of long-distance dispersal of seeds by wind. <i>Nature</i> , <b>2002</b> , 418, 409-13	50.4	476
464	Comparing classical community models: theoretical consequences for patterns of diversity. <i>American Naturalist</i> , <b>2002</b> , 159, 1-23	3.7	475
463	Are We Consuming Too Much?. <i>Journal of Economic Perspectives</i> , <b>2004</b> , 18, 147-172	9.9	463
462	The Sustainable Biosphere Initiative: An Ecological Research Agenda: A Report from the Ecological Society of America. <i>Ecology</i> , <b>1991</b> , 72, 371-412	4.6	459
461	Community Equilibria and Stability, and an Extension of the Competitive Exclusion Principle. <i>American Naturalist</i> , <b>1970</b> , 104, 413-423	3.7	436
460	Selection of Intermediate Rates of Increase in Parasite-Host Systems. <i>American Naturalist</i> , <b>1981</b> , 117, 308-315	3.7	424
459	Spread of invading organisms. <i>Landscape Ecology</i> , <b>1990</b> , 4, 177-188	4.3	385
458	Social-ecological systems as complex adaptive systems: modeling and policy implications. <i>Environment and Development Economics</i> , <b>2013</b> , 18, 111-132	1.8	381
457	Economic growth, carrying capacity, and the environment. <i>Ecological Economics</i> , <b>1995</b> , 15, 91-95	5.6	370
456	Dispersal strategies in patchy environments. <i>Theoretical Population Biology</i> , <b>1984</b> , 26, 165-191	1.2	367
455	Does aquaculture add resilience to the global food system?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 13257-63	11.5	340
454	Resilience, Robustness, and Marine Ecosystem-based Management. <i>BioScience</i> , <b>2008</b> , 58, 27-32	5.7	340
453	Stochastic Spatial Models: A User's Guide to Ecological Applications. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>1994</b> , 343, 329-350	5.8	338

452	Phenotypic diversity and ecosystem functioning in changing environments: a theoretical framework. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2001</b> , 98, 11376-81	11.5	334
451	Social norms as solutions. <i>Science</i> , <b>2016</b> , 354, 42-43	33.3	314
450	Strong latitudinal patterns in the elemental ratios of marine plankton and organic matter. <i>Nature Geoscience</i> , <b>2013</b> , 6, 279-283	18.3	311
449	The role of mosaic phenomena in natural communities. <i>Theoretical Population Biology</i> , <b>1977</b> , 12, 117-39	1.2	308
448	A Theoretical Framework for Data Analysis of Wind Dispersal of Seeds and Pollen. <i>Ecology</i> , <b>1989</b> , 70, 329-338	4.6	293
447	Uninformed individuals promote democratic consensus in animal groups. <i>Science</i> , <b>2011</b> , 334, 1578-80	33.3	290
446	Mathematical and computational challenges in population biology and ecosystems science. <i>Science</i> , <b>1997</b> , 275, 334-43	33.3	288
445	Positive feedbacks promote power-law clustering of Kalahari vegetation. <i>Nature</i> , <b>2007</b> , 449, 209-12	50.4	285
444	From individuals to aggregations: the interplay between behavior and physics. <i>Journal of Theoretical Biology</i> , <b>1999</b> , 196, 397-454	2.3	282
443	Tree cover in sub-Saharan Africa: rainfall and fire constrain forest and savanna as alternative stable states. <i>Ecology</i> , <b>2011</b> , 92, 1063-72	4.6	278
442	The evolution of quorum sensing in bacterial biofilms. <i>PLoS Biology</i> , <b>2008</b> , 6, e14	9.7	276
441	Hypothesis for origin of planktonic patchiness. <i>Nature</i> , <b>1976</b> , 259, 659-659	50.4	268
440	Dynamical resonance can account for seasonality of influenza epidemics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 16915-6	11.5	260
439	Environment. Looming global-scale failures and missing institutions. <i>Science</i> , <b>2009</b> , 325, 1345-6	33.3	259
438	LEAKY PREZYGOTIC ISOLATION AND POROUS GENOMES: RAPID INTROGRESSION OF MATERNALLY INHERITED DNA. <i>Evolution; International Journal of Organic Evolution</i> , <b>2005</b> , 59, 720-729	3.8	242
437	Visual sensory networks and effective information transfer in animal groups. <i>Current Biology</i> , <b>2013</b> , 23, R709-11	6.3	238
436	Reducing antimicrobial use in food animals. <i>Science</i> , <b>2017</b> , 357, 1350-1352	33.3	236
435	Allelopathy in Spatially Distributed Populations. <i>Journal of Theoretical Biology</i> , <b>1997</b> , 185, 165-71	2.3	232

434	The Dynamics of Herds: From Individuals to Aggregations. <i>Journal of Theoretical Biology</i> , <b>1996</b> , 182, 85-98.	3	231
433	Coherence and conservation. <i>Science</i> , <b>2000</b> , 290, 1360-4	33.3	228
432	Extinction Thresholds and Metapopulation Persistence in Dynamic Landscapes. <i>American Naturalist</i> , <b>2000</b> , 156, 478-494	3.7	228
431	On the use of IPCC-class models to assess the impact of climate on Living Marine Resources. <i>Progress in Oceanography</i> , <b>2011</b> , 88, 1-27	3.8	227
430	The dynamics of cocirculating influenza strains conferring partial cross-immunity. <i>Journal of Mathematical Biology</i> , <b>1997</b> , 35, 825-42	2	222
429	Evolution of human-driven fire regimes in Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 847-52	11.5	215
428	Mechanistic analytical models for long-distance seed dispersal by wind. <i>American Naturalist</i> , <b>2005</b> , 166, 368-81	3.7	209
427	Phytoplankton growth and stoichiometry under multiple nutrient limitation. <i>Limnology and Oceanography</i> , <b>2004</b> , 49, 1463-1470	4.8	206
426	Limitations of Laboratory Bioassays: The Need for Ecosystem-Level Testing. <i>BioScience</i> , <b>1985</b> , 35, 165-174.	1.7	205
425	Complex adaptive systems: Exploring the known, the unknown and the unknowable. <i>Bulletin of the American Mathematical Society</i> , <b>2002</b> , 40, 3-20	1.3	200
424	Generalized models reveal stabilizing factors in food webs. <i>Science</i> , <b>2009</b> , 325, 747-50	33.3	197
423	Ecology and evolution of the flu. <i>Trends in Ecology and Evolution</i> , <b>2002</b> , 17, 334-340	10.9	196
422	Spatial aspects of interspecific competition. <i>Theoretical Population Biology</i> , <b>1998</b> , 53, 30-43	1.2	196
421	Coevolutionary arms races between bacteria and bacteriophage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 9535-40	11.5	195
420	Epidemiological models with age structure, proportionate mixing, and cross-immunity. <i>Journal of Mathematical Biology</i> , <b>1989</b> , 27, 233-58	2	189
419	Aggregation in model ecosystems. I. Perfect aggregation. <i>Ecological Modelling</i> , <b>1987</b> , 37, 287-302	3	188
418	Spatial attributes and reserve design models: A review. <i>Environmental Modeling and Assessment</i> , <b>2005</b> , 10, 163-181	2	186
417	Hemagglutinin sequence clusters and the antigenic evolution of influenza A virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 6263-8	11.5	178

416	The Effects of Disturbance Architecture on Landscape-Level Population Dynamics. <i>Ecology</i> , <b>1996</b> , 77, 375-394	4.6	177
415	A Simulation Model of the Population Dynamics and Evolution of Myxomatosis. <i>Ecological Monographs</i> , <b>1990</b> , 60, 423-447	9	169
414	Sex-Ratio Selection in Species with Helpers-At-The-Nest. <i>American Naturalist</i> , <b>1986</b> , 127, 1-8	3.7	169
413	A Spatial Patch Dynamic Modeling Approach to Pattern and Process in an Annual Grassland. <i>Ecological Monographs</i> , <b>1994</b> , 64, 447-464	9	167
412	Resilience in natural and socioeconomic systems. <i>Environment and Development Economics</i> , <b>1998</b> , 3, 221-262		161
411	Social Norms and Global Environmental Challenges: The Complex Interaction of Behaviors, Values, and Policy. <i>BioScience</i> , <b>2013</b> , 63, 164-175	5.7	156
410	Pattern Generation in Space and Aspect. <i>SIAM Review</i> , <b>1985</b> , 27, 45-67	7.4	154
409	Multiple Scales and the Maintenance of Biodiversity. <i>Ecosystems</i> , <b>2000</b> , 3, 498-506	3.9	150
408	Dispersal in patchy environments: The effects of temporal and spatial structure. <i>Theoretical Population Biology</i> , <b>1991</b> , 39, 63-99	1.2	150
407	Ecological feedbacks. Termite mounds can increase the robustness of dryland ecosystems to climatic change. <i>Science</i> , <b>2015</b> , 347, 651-5	33.3	149
406	The Spread of a Reinvading Species: Range Expansion in the California Sea Otter. <i>American Naturalist</i> , <b>1988</b> , 131, 526-543	3.7	147
405	From Management to Stewardship: Viewing Forests As Complex Adaptive Systems in an Uncertain World. <i>Conservation Letters</i> , <b>2015</b> , 8, 368-377	6.9	140
404	Fractal reorientation clocks: Linking animal behavior to statistical patterns of search. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 19072-7	11.5	139
403	Persistent colonization and the spread of antibiotic resistance in nosocomial pathogens: resistance is a regional problem. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 3709-14	11.5	139
402	Spatial Models for Species-Area Curves. <i>Journal of Theoretical Biology</i> , <b>1996</b> , 179, 119-127	2.3	138
401	Analysis of an age-structured fishery model. <i>Journal of Mathematical Biology</i> , <b>1980</b> , 9, 245-274	2	138
400	Terrestrial models and global change: challenges for the future. <i>Global Change Biology</i> , <b>1998</b> , 4, 581-590	11.4	134
399	Self-organization and the Emergence of Complexity in Ecological Systems. <i>BioScience</i> , <b>2005</b> , 55, 1075	5.7	134

398	Regime shifts in a social-ecological system. <i>Theoretical Ecology</i> , <b>2013</b> , 6, 359-372	1.6	131
397	Cascading regime shifts within and across scales. <i>Science</i> , <b>2018</b> , 362, 1379-1383	33.3	128
396	Immune life history, vaccination, and the dynamics of SARS-CoV-2 over the next 5 years. <i>Science</i> , <b>2020</b> , 370, 811-818	33.3	121
395	River networks as ecological corridors: A complex systems perspective for integrating hydrologic, geomorphologic, and ecologic dynamics. <i>Water Resources Research</i> , <b>2009</b> , 45,	5.4	119
394	A note on difference-delay equations. <i>Theoretical Population Biology</i> , <b>1976</b> , 9, 178-87	1.2	119
393	Fishery discards impact on seabird movement patterns at regional scales. <i>Current Biology</i> , <b>2010</b> , 20, 215-23	2.3	117
392	Climate change and the integrity of science. <i>Science</i> , <b>2010</b> , 328, 689-90	33.3	116
391	Limiting Similarity, Species Packing, and System Stability for Hierarchical Competition-Colonization Models. <i>American Naturalist</i> , <b>1999</b> , 153, 371-383	3.7	116
390	Transnational corporations and the challenge of biosphere stewardship. <i>Nature Ecology and Evolution</i> , <b>2019</b> , 3, 1396-1403	12.3	116
389	Phytoplankton stoichiometry. <i>Ecological Research</i> , <b>2008</b> , 23, 479-485	1.9	113
388	Pathogen-Driven Outbreaks in Forest Defoliators Revisited: Building Models from Experimental Data. <i>American Naturalist</i> , <b>2000</b> , 156, 105-120	3.7	112
387	Aggregation in Model Ecosystems II. Approximate Aggregation. <i>Mathematical Medicine and Biology</i> , <b>1989</b> , 6, 1-23	1.3	111
386	The dynamics of group formation. <i>Mathematical Biosciences</i> , <b>1995</b> , 128, 243-64	3.9	108
385	From individuals to epidemics. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>1996</b> , 351, 1615-21	5.8	108
384	The SIRC model and influenza A. <i>Mathematical Biosciences</i> , <b>2006</b> , 200, 152-69	3.9	106
383	Allelopathy of bacteria in a lattice population: Competition between colicin-sensitive and colicin-producing strains. <i>Evolutionary Ecology</i> , <b>1998</b> , 12, 785-802	1.8	105
382	Using mathematical optimization models to design nature reserves. <i>Frontiers in Ecology and the Environment</i> , <b>2004</b> , 2, 98-105	5.5	105
381	Species diversity and ecosystem response to carbon dioxide fertilization: conclusions from a temperate forest model. <i>Global Change Biology</i> , <b>1995</b> , 1, 373-381	11.4	104

380	Integrating theoretical climate and fire effects on savanna and forest systems. <i>American Naturalist</i> , <b>2012</b> , 180, 211-24	3.7	102
379	Strategic interactions in multi-institutional epidemics of antibiotic resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 3153-8	11.5	101
378	On the role of long incubation periods in the dynamics of acquired immunodeficiency syndrome (AIDS). Part 1: Single population models. <i>Journal of Mathematical Biology</i> , <b>1989</b> , 27, 373-98	2	101
377	FROM INDIVIDUALS TO POPULATION DENSITIES: SEARCHING FOR THE INTERMEDIATE SCALE OF NONTRIVIAL DETERMINISM. <i>Ecology</i> , <b>1999</b> , 80, 2225-2236	4.6	95
376	MARINE RESERVE DESIGN AND THE EVOLUTION OF SIZE AT MATURATION IN HARVESTED FISH <b>2005</b> , 15, 882-901		94
375	Facultative versus obligate nitrogen fixation strategies and their ecosystem consequences. <i>American Naturalist</i> , <b>2009</b> , 174, 465-77	3.7	93
374	The Multifaceted Aspects of Ecosystem Integrity. <i>Ecology and Society</i> , <b>1997</b> , 1,		93
373	What is blue growth? The semantics of Sustainable Development of marine environments. <i>Marine Policy</i> , <b>2018</b> , 87, 177-179	3.5	92
372	Dynamic response of grass cover to rainfall variability: implications for the function and persistence of savanna ecosystems. <i>Advances in Water Resources</i> , <b>2005</b> , 28, 291-302	4.7	91
371	Epidemiological and evolutionary considerations of SARS-CoV-2 vaccine dosing regimes. <i>Science</i> , <b>2021</b> , 372, 363-370	33.3	90
370	The evolution of norms. <i>PLoS Biology</i> , <b>2005</b> , 3, e194	9.7	89
369	The right incentives enable ocean sustainability successes and provide hope for the future. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 14507-14514	11.5	89
368	Cutting through the complexity of cell collectives. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2013</b> , 280, 20122770	4.4	88
367	A Mathematical Model of Coevolving Populations. <i>American Naturalist</i> , <b>1977</b> , 111, 657-675	3.7	87
366	Long-distance biological transport processes through the air: can nature's complexity be unfolded in silico?. <i>Diversity and Distributions</i> , <b>2005</b> , 11, 131-137	5	86
365	New perspectives in ecotoxicology. <i>Environmental Management</i> , <b>1984</b> , 8, 375-442	3.1	86
364	The Dependence of Plant Root: Shoot Ratios on Internal Nitrogen Concentration. <i>Annals of Botany</i> , <b>1989</b> , 64, 71-75	4.1	85
363	Dynamic model of flexible phytoplankton nutrient uptake. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 20633-8	11.5	84



362	Designing marine reserves for interacting species: Insights from theory. <i>Biological Conservation</i> , <b>2007</b> , 137, 163-179	6.2	84
361	Differential neutralization efficiency of hemagglutinin epitopes, antibody interference, and the design of influenza vaccines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 8701-6	11.5	83
360	Periodicity in Epidemiological Models. <i>Biomathematics</i> , <b>1989</b> , 193-211		83
359	Coping with uncertainty: a call for a new science-policy forum. <i>Ambio</i> , <b>2003</b> , 32, 330-5	6.5	81
358	Evolutionary tradeoffs can select against nitrogen fixation and thereby maintain nitrogen limitation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 1573-8	11.5	80
357	The evolution of dispersal in reserve networks. <i>American Naturalist</i> , <b>2007</b> , 170, 59-78	3.7	79
356	Learning to live in a global commons: socioeconomic challenges for a sustainable environment. <i>Ecological Research</i> , <b>2006</b> , 21, 328-333	1.9	79
355	The timing of life history events. <i>Journal of Theoretical Biology</i> , <b>1995</b> , 172, 33-42	2.3	78
354	Our future in the Anthropocene biosphere. <i>Ambio</i> , <b>2021</b> , 50, 834-869	6.5	78
353	HIDDEN EFFECTS OF CHRONIC TUBERCULOSIS IN AFRICAN BUFFALO. <i>Ecology</i> , <b>2005</b> , 86, 2358-2364	4.6	77
352	Climate policies under wealth inequality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 2212-6	11.5	75
351	The survival of the conformist: social pressure and renewable resource management. <i>Journal of Theoretical Biology</i> , <b>2012</b> , 299, 152-61	2.3	74
350	Increased plant growth from nitrogen addition should conserve phosphorus in terrestrial ecosystems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 1971-6	11.5	74
349	The effect of global travel on the spread of sars. <i>Mathematical Biosciences and Engineering</i> , <b>2006</b> , 3, 205-18		73
348	Role of economics in analyzing the environment and sustainable development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 5233-5238	11.5	72
347	A model of flexible uptake of two essential resources. <i>Journal of Theoretical Biology</i> , <b>2007</b> , 246, 278-89	2.3	72
346	Dynamics of influenza A drift: the linear three-strain model. <i>Mathematical Biosciences</i> , <b>1999</b> , 162, 33-51	3.9	72
345	Eluding catastrophic shifts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E1828-36	11.5	71

344	A neutral metapopulation model of biodiversity in river networks. <i>Journal of Theoretical Biology</i> , <b>2007</b> , 245, 351-63	2.3	71
343	Food production, population growth, and the environment. <i>Science</i> , <b>1998</b> , 281, 1291-2	33.3	71
342	Resource limitation in a competitive context determines complex plant responses to experimental resource additions. <i>Ecology</i> , <b>2013</b> , 94, 2505-17	4.6	70
341	Size and scaling of predator-prey dynamics. <i>Ecology Letters</i> , <b>2006</b> , 9, 548-57	10	69
340	Impact of ocean phytoplankton diversity on phosphate uptake. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 17540-5	11.5	68
339	Competition for water and light in closed-canopy forests: a tractable model of carbon allocation with implications for carbon sinks. <i>American Naturalist</i> , <b>2013</b> , 181, 314-30	3.7	68
338	Public goods in relation to competition, cooperation, and spite. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111 Suppl 3, 10838-45	11.5	66
337	Decision versus compromise for animal groups in motion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 227-32	11.5	65
336	Local frequency dependence and global coexistence. <i>Theoretical Population Biology</i> , <b>1999</b> , 55, 270-82	1.2	65
335	Intraspecific variation and species coexistence. <i>American Naturalist</i> , <b>2007</b> , 170, 807-18	3.7	64
334	Economic Pathways to Ecological Sustainability. <i>BioScience</i> , <b>2000</b> , 50, 339	5.7	64
333	Diversity in current ecological thinking: implications for environmental management. <i>Environmental Management</i> , <b>2009</b> , 43, 17-27	3.1	63
332	A global movement toward an ecosystem approach to management of marine resources. <i>Marine Ecology - Progress Series</i> , <b>2005</b> , 300, 275-279	2.6	63
331	Merging economics and epidemiology to improve the prediction and management of infectious disease. <i>EcoHealth</i> , <b>2014</b> , 11, 464-75	3.1	62
330	Cooperation among microorganisms. <i>PLoS Biology</i> , <b>2006</b> , 4, e299	9.7	62
329	The effects of population heterogeneity on disease invasion. <i>Mathematical Biosciences</i> , <b>1995</b> , 128, 25-40	3.9	61
328	Toward a Dynamic Metacommunity Approach to Marine Reserve Theory. <i>BioScience</i> , <b>2004</b> , 54, 1003	5.7	60
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