Wayne M. Getz

List of Publications by Year
in descending order

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261 papers	18,433 citations	19657 61 h-index	16650 123 g-index
295 all docs	295 docs citations	295 times ranked	18355 citing authors

#	Article	IF	Citations
1	Africaâ€™s drylands in a changing world: Challenges for wildlife conservation under climate and land-use changes in the Greater Etosha Landscape. Global Ecology and Conservation, 2022, 38, e02221.	2.1	9
2	The neglected season: Warmer autumns counteract harsher winters and promote population growth in Arctic reindeer. Global Change Biology, 2021, 27, 993-1002.	9.5	33
3	Factors influencing scavenger guilds and scavenging efficiency in Southwestern Montana. Scientific Reports, 2021, 11, 4254.	3.3	11
4	A versatile web app for identifying the drivers of COVID-19 epidemics. Journal of Translational Medicine, 2021, 19, 109.	4.4	9
5	Ensemble machine learning of factors influencing COVID-19 across US counties. Scientific Reports, 2021, 11, 11777.	3.3	12
6	Disease or drought: environmental fluctuations release zebra from a potential pathogen-triggered ecological trap. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210582.	2.6	9
7	Drivers of change and stability in the gut microbiota of an omnivorous avian migrant exposed to artificial food supplementation. Molecular Ecology, 2021, 30, 4723-4739.	3.9	16
8	A relativeâ€motion method for parsing spatiotemporal behaviour of dyads using GPS relocation data. Methods in Ecology and Evolution, 2021, 12, 2256-2271.	5.2	5
9	Anthrax Surveillance and the Limited Overlap Between Obligate Scavengers and Endemic Anthrax Zones in the United States. Vector-Borne and Zoonotic Diseases, 2021, 21, 675-684.	1.5	3
10	Modeling the population effects of escape mutations in SARS-CoV-2 to guide vaccination strategies. Epidemics, 2021, 36, 100484.	3.0	7
11	Iterative human and automated identification of wildlife images. Nature Machine Intelligence, 2021, 3, 885-895.	16.0	22
12	A runtime alterable epidemic model with genetic drift, waning immunity and vaccinations. Journal of the Royal Society Interface, 2021, 18, 20210648.	3.4	5
13	A continent-wide high genetic load in African buffalo revealed by clines in the frequency of deleterious alleles, genetic hitchhiking and linkage disequilibrium. PLoS ONE, 2021, 16, e0259685.	2.5	2
14	Migration, pathogens and the avian microbiome: A comparative study in sympatric migrants and residents. Molecular Ecology, 2020, 29, 4706-4720.	3.9	25
15	Ungulate use of locally infectious zones in a re-emerging anthrax risk area. Royal Society Open Science, 2020, 7, 200246.	2.4	5
16	Does HIV infection increase male sexual behavior?. Evolution, Medicine and Public Health, 2020, 2020, 174-180.	2.5	0
17	Movement ecology and sex are linked to barn owl microbial community composition. Molecular Ecology, 2020, 29, 1358-1371.	3.9	33
18	Rethinking megafauna. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20192643.	2.6	35

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19	Synergistic Chinaâ€“US Ecological Research is Essential for Global Emerging Infectious Disease Preparedness. EcoHealth, 2020, 17, 160-173.	2.0	30
20	Disease transmission and introgression can explain the long-lasting contact zone of modern humans and Neanderthals. Nature Communications, 2019, 10, 5003.	12.8	30
21	A natural gene drive system influences bovine tuberculosis susceptibility in African buffalo: Possible implications for disease management. PLoS ONE, 2019, 14, e0221168.	2.5	1
22	Insights and approaches using deep learning to classify wildlife. Scientific Reports, 2019, 9, 8137.	3.3	60
23	Adequacy of SEIR models when epidemics have spatial structure: Ebola in Sierra Leone. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180282.	4.0	39
24	The global distribution of Bacillus anthracis and associated anthrax risk to humans, livestock and wildlife. Nature Microbiology, 2019, 4, 1337-1343.	13.3	153
25	Modeling R0 for Pathogens with Environmental Transmission: Animal Movements, Pathogen Populations, and Local Infectious Zones. International Journal of Environmental Research and Public Health, 2019, 16, 954.	2.6	20
26	Mesoscale movement and recursion behaviors of Namibian black rhinos. Movement Ecology, 2019, 7, 34.	2.8	11
27	Temporal variation in resource selection of African elephants follows longâ€term variability in resource availability. Ecological Monographs, 2019, 89, e01348.	5.4	47
28	An agent-based model of school closing in under-vaccinated communities during measles outbreaks. Simulation, 2019, 95, 385-393.	1.8	9
29	Going through the motions: incorporating movement analyses into disease research. Ecology Letters, 2018, 21, 588-604.	6.4	107
30	Making ecological models adequate. Ecology Letters, 2018, 21, 153-166.	6.4	100
31	Consensus and conflict among ecological forecasts of Zika virus outbreaks in the United States. Scientific Reports, 2018, 8, 4921.	3.3	50
32	Discrete stochastic analogs of Erlang epidemic models. Journal of Biological Dynamics, 2018, 12, 16-38.	1.7	29
33	Commentary to: a cross-validation-based approach for delimiting reliable home range estimates. Movement Ecology, 2018, 6, 10.	2.8	4
34	The Ecology of Pathogen Spillover and Disease Emergence at the Human-Wildlife-Environment Interface. Advances in Environmental Microbiology, 2018, , 267-298.	0.3	37
35	Ecological metrics and methods for GPS movement data. International Journal of Geographical Information Science, 2018, 32, 2272-2293.	4.8	52
36	Modeling epidemics: A primer and Numerus Model Builder implementation. Epidemics, 2018, 25, 9-19.	3.0	35

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37	Spores and soil from six sides: interdisciplinarity and the environmental biology of anthrax (<scp>Bacillus anthracis</scp>). Biological Reviews, 2018, 93, 1813-1831.	10.4	74
38	Genetic responsiveness of African buffalo to environmental stressors: A role for epigenetics in balancing autosomal and sex chromosome interactions?. PLoS ONE, 2018, 13, e0191481.	2.5	6
39	Social foraging and individual consistency in following behaviour: testing the information centre hypothesis in free-ranging vultures. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162654.	2.6	64
40	A web app for population viability and harvesting analyses. Natural Resource Modelling, 2017, 30, .	2.0	8
41	Carnivore carcasses are avoided by carnivores. Journal of Animal Ecology, 2017, 86, 1179-1191.	2.8	54
42	Zebra migration strategies and anthrax in Etosha National Park, Namibia. Ecosphere, 2017, 8, e01925.	2.2	27
43	Parasite biodiversity faces extinction and redistribution in a changing climate. Science Advances, 2017, 3, e1602422.	10.3	194
44	Improving the prediction of African savanna vegetation variables using time series of MODIS products. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 131, 77-91.	11.1	52
45	Suite of simple metrics reveals common movement syndromes across vertebrate taxa. Movement Ecology, 2017, 5, 12.	2.8	67
46	A cross-validation-based approach for delimiting reliable home range estimates. Movement Ecology, 2017, 5, 19.	2.8	20
47	Seasonal Changes in Socio-Spatial Structure in a Group of Free-Living Spider Monkeys (Ateles) Tj ETQq1 1 0.784314 rgBT /Overlock 1	2.5	24
48	Description of 3 New Species ofEimeria(Apicomplexa: Eimeriidae) from Springbok (Antidorcas) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	0.4	2
49	Appropriate complexity landscape modeling. Earth-Science Reviews, 2016, 160, 111-130.	9.1	50
50	Decision-making by a soaring bird: time, energy and risk considerations at different spatio-temporal scales. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150397.	4.0	63
51	Lethal exposure: An integrated approach to pathogen transmission via environmental reservoirs. Scientific Reports, 2016, 6, 27311.	3.3	61
52	Sympatric speciation in structureless environments. BMC Evolutionary Biology, 2016, 16, 50.	3.2	24
53	An Ecological Assessment of the Pandemic Threat of Zika Virus. PLoS Neglected Tropical Diseases, 2016, 10, e0004968.	3.0	101
54	An Agent-Based Model of School Closing in Under-Vacccinated Communities During Measles Outbreaks. , 2016, 2016, .		3

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55	Using Nova to construct agent-based models for epidemiological teaching and research. , 2015, , .		5
56	Panmictic and Clonal Evolution on a Single Patchy Resource Produces Polymorphic Foraging Guilds. PLoS ONE, 2015, 10, e0133732.	2.5	23
57	Tactics and Strategies for Managing Ebola Outbreaks and the Salience of Immunization. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-9.	1.3	21
58	Monitoring the Impact of Grazing on Rangeland Conservation Easements Using MODIS Vegetation Indices. Rangeland Ecology and Management, 2015, 68, 173-185.	2.3	19
59	Moving beyond Curve Fitting: Using Complementary Data to Assess Alternative Explanations for Long Movements of Three Vulture Species. American Naturalist, 2015, 185, E44-E54.	2.1	47
60	Seasonal Patterns of Hormones, Macroparasites, and Microparasites in Wild African Ungulates: The Interplay among Stress, Reproduction, and Disease. PLoS ONE, 2015, 10, e0120800.	2.5	59
61	Longevity of Mycobacterium bovis in Raw and Traditional Souring Milk as a Function of Storage Temperature and Dose. PLoS ONE, 2015, 10, e0129926.	2.5	26
62	Interactions between Bacillus anthracis and Plants May Promote Anthrax Transmission. PLoS Neglected Tropical Diseases, 2014, 8, e2903.	3.0	40
63	Gastrointestinal helminths may affect host susceptibility to anthrax through seasonal immune trade-offs. BMC Ecology, 2014, 14, 27.	3.0	29
64	Frequent and seasonally variable sublethal anthrax infections are accompanied by shortâ€lived immunity in an endemic system. Journal of Animal Ecology, 2014, 83, 1078-1090.	2.8	51
65	Parasite-mediated selection drives an immunogenetic trade-off in plains zebras (Equus quagga). Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140077.	2.6	31
66	Fatal attraction: vegetation responses to nutrient inputs attract herbivores to infectious anthrax carcass sites. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20141785.	2.6	89
67	Novel Giant Siphovirus from Bacillus anthracis Features Unusual Genome Characteristics. PLoS ONE, 2014, 9, e85972.	2.5	22
68	Phylogeography of Bacillus anthracis in the Country of Georgia Shows Evidence of Population Structuring and Is Dissimilar to Other Regional Genotypes. PLoS ONE, 2014, 9, e102651.	2.5	20
69	Positive Selection of Deleterious Alleles through Interaction with a Sex-Ratio Suppressor Gene in African Buffalo: A Plausible New Mechanism for a High Frequency Anomaly. PLoS ONE, 2014, 9, e111778.	2.5	4
70	Home range plus: a space-time characterization of movement over real landscapes. Movement Ecology, 2013, 1, 2.	2.8	146
71	Mixed strategies of griffon vulturesâ€™ (Gyps fulvus) response to food deprivation lead to a hump-shaped movement pattern. Movement Ecology, 2013, 1, 5.	2.8	62
72	A hierarchical distance sampling approach to estimating mortality rates from opportunistic carcass surveillance data. Methods in Ecology and Evolution, 2013, 4, 361-369.	5.2	37

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73	Extra-couple HIV transmission in sub-Saharan Africa: a mathematical modelling study of survey data. Lancet, The, 2013, 381, 1561-1569.	13.7	56
74	Factors Influencing Foraging Search Efficiency: Why Do Scarce Lappet-Faced Vultures Outperform Ubiquitous White-Backed Vultures?. American Naturalist, 2013, 181, E102-E115.	2.1	65
75	Searching for sustainability: are assessments of wildlife harvests behind the times?. Ecology Letters, 2013, 16, 99-111.	6.4	105
76	Soil ingestion, nutrition and the seasonality of anthrax in herbivores of Etosha National Park. Ecosphere, 2013, 4, 1-19.	2.2	75
77	Clusters of poverty and disease emerge from feedbacks on an epidemiological network. Journal of the Royal Society Interface, 2013, 10, 20120656.	3.4	19
78	Computational population biology: linking the inner and outer worlds of organisms. Israel Journal of Ecology and Evolution, 2013, 59, 2-16.	0.6	11
79	Effects of Experimental Exclusion of Scavengers from Carcasses of Anthrax-Infected Herbivores on Bacillus anthracis Sporulation, Survival, and Distribution. Applied and Environmental Microbiology, 2013, 79, 3756-3761.	3.1	48
80	Herbaceous Forage and Selection Patterns by Ungulates across Varying Herbivore Assemblages in a South African Savanna. PLoS ONE, 2013, 8, e82831.	2.5	38
81	Persisting Viral Sequences Shape Microbial CRISPR-based Immunity. PLoS Computational Biology, 2012, 8, e1002475.	3.2	136
82	BLACK-BACKED JACKAL EXPOSURE TO RABIES VIRUS, CANINE DISTEMPER VIRUS, AND BACILLUS ANTHRACIS IN ETOSHA NATIONAL PARK, NAMIBIA. Journal of Wildlife Diseases, 2012, 48, 371-381.	0.8	46
83	A BIOMASS FLOW APPROACH TO POPULATION MODELS AND FOOD WEBS. Natural Resource Modelling, 2012, 25, 93-121.	2.0	7
84	Using tri-axial acceleration data to identify behavioral modes of free-ranging animals: general concepts and tools illustrated for griffon vultures. Journal of Experimental Biology, 2012, 215, 986-996.	1.7	359
85	Distribution and Molecular Evolution of Bacillus anthracis Genotypes in Namibia. PLoS Neglected Tropical Diseases, 2012, 6, e1534.	3.0	75
86	Contingent Kernel Density Estimation. PLoS ONE, 2012, 7, e30549.	2.5	9
87	The utility of normalized difference vegetation index for predicting African buffalo forage quality. Journal of Wildlife Management, 2012, 76, 1499-1508.	1.8	71
88	Approaching a state shift in Earthâ€™s biosphere. Nature, 2012, 486, 52-58.	27.8	1,518
89	Diversity and structure of soil bacterial communities associated with vultures in an African savanna. Ecosphere, 2012, 3, 1-18.	2.2	19
90	Estimating carnivoran diets using a combination of carcass observations and scats from <scp>GPS</scp> clusters. Journal of Zoology, 2012, 286, 102-109.	1.7	38

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91	Synergistic effects of seasonal rainfall, parasites and demography on fluctuations in springbok body condition. Journal of Animal Ecology, 2012, 81, 58-69.	2.8	36
92	Marine Mammal Acoustics Exposure Analysis Models Used in US Navy Environmental Impact Statements. Advances in Experimental Medicine and Biology, 2012, 730, 551-556.	1.6	2
93	Unraveling the Effects of Selection and Demography on Immune Gene Variation in Free-Ranging Plains Zebra (Equus quagga) Populations. PLoS ONE, 2012, 7, e50971.	2.5	15
94	Rift Valley Fever Virus Infection in African Buffalo (Syncerus caffer) Herds in Rural South Africa: Evidence of Interepidemic Transmission. American Journal of Tropical Medicine and Hygiene, 2011, 84, 641-646.	1.4	59
95	Inferring ecological and behavioral drivers of African elephant movement using a linear filtering approach. Ecology, 2011, 92, 1648-1657.	3.2	39
96	Biomass transformation webs provide a unified approach to consumerâ€“resource modelling. Ecology Letters, 2011, 14, 113-124.	6.4	70
97	Detection distance and environmental factors in conservation detection dog surveys. Journal of Wildlife Management, 2011, 75, 243-251.	1.8	78
98	Adaptive molecular evolution of the Major Histocompatibility Complex genes, DRA and DQA, in the genus Equus. BMC Evolutionary Biology, 2011, 11, 128.	3.2	34
99	Consumer-Resource Dynamics: Quantity, Quality, and Allocation. PLoS ONE, 2011, 6, e14539.	2.5	6
100	Selection against Accumulating Mutations in Niche-Preference Genes Can Drive Speciation. PLoS ONE, 2011, 6, e29487.	2.5	4
101	From moonlight to movement and synchronized randomness: Fourier and wavelet analyses of animal location time series data. Ecology, 2010, 91, 1506-1518.	3.2	65
102	Rainfall-driven sex-ratio genes in African buffalo suggested by correlations between Y-chromosomal haplotype frequencies and foetal sex ratio. BMC Evolutionary Biology, 2010, 10, 106.	3.2	15
103	Methods for Locating African Lion Kills Using Global Positioning System Movement Data. Journal of Wildlife Management, 2010, 74, 549-556.	1.8	53
104	Monitoring Linked Epidemics: The Case of Tuberculosis and HIV. PLoS ONE, 2010, 5, e8796.	2.5	6
105	Variation in faecal water content may confound estimates of gastro-intestinal parasite intensity in wild African herbivores. Journal of Helminthology, 2010, 84, 99-105.	1.0	10
106	SEASONAL AND DEMOGRAPHIC FACTORS INFLUENCING GASTROINTESTINAL PARASITISM IN UNGULATES OF ETOSHA NATIONAL PARK. Journal of Wildlife Diseases, 2010, 46, 1108-1119.	0.8	66
107	Likelihood ridges and multimodality in population growth rate models. Ecology, 2009, 90, 2313-2320.	3.2	47
108	Disease and the Dynamics of Food Webs. PLoS Biology, 2009, 7, e1000209.	5.6	19

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109	Sick and edgy: walk-counting as a metric of epidemic spreading on networks. Journal of the Royal Society Interface, 2009, 6, 897-907.	3.4	1
110	Disease, predation and demography: assessing the impacts of bovine tuberculosis on African buffalo by monitoring at individual and population levels. Journal of Applied Ecology, 2009, 46, 467-475.	4.0	71
111	Incongruent HIV and tuberculosis co-dynamics in Kenya: Interacting epidemics monitor each other. Epidemics, 2009, 1, 14-20.	3.0	10
112	Potential impact of vaccination on the hepatitis C virus epidemic in injection drug users. Epidemics, 2009, 1, 47-57.	3.0	50
113	Methods for assessing movement path recursion with application to African buffalo in South Africa. Ecology, 2009, 90, 2467-2479.	3.2	77
114	Development and Parameterization of a Rain- and Fire-driven Model for Exploring Elephant Effects in African Savannas. Environmental Modeling and Assessment, 2008, 13, 221-242.	2.2	9
115	Intersexual Conflict and Group Size in Alouatta palliata: A 23-year Evaluation. International Journal of Primatology, 2008, 29, 405-420.	1.9	28
116	Parameter estimation in a generalized discrete-time model of density dependence. Theoretical Ecology, 2008, 1, 221-229.	1.0	8
117	A movement ecology paradigm for unifying organismal movement research. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19052-19059.	7.1	2,043
118	HABITAT QUALITY AND HETEROGENEITY INFLUENCE DISTRIBUTION AND BEHAVIOR IN AFRICAN BUFFALO (SYNCERUS CAFFER). Ecology, 2008, 89, 1457-1468.	3.2	66
119	A framework for generating and analyzing movement paths on ecological landscapes. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19066-19071.	7.1	168
120	Disentangling the effects of forage, social rank, and risk on movement autocorrelation of elephants using Fourier and wavelet analyses. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19108-19113.	7.1	95
121	HIV dynamics and immunosenescence. Aids, 2008, 22, 307-309.	2.2	1
122	Impact of HIV on novel therapies for tuberculosis control. Aids, 2008, 22, 963-972.	2.2	6
123	Ecological cues, gestation length, and birth timing in African buffalo (Syncerus caffer). Behavioral Ecology, 2007, 18, 635-644.	2.2	70
124	Artificial neural networks in models of specialization, guild evolution and sympatric speciation. Philosophical Transactions of the Royal Society B: Biological Sciences, 2007, 362, 431-440.	4.0	5
125	Genetic Exchange Across a Species Boundary in the Archaeal Genus Ferroplasma. Genetics, 2007, 177, 407-416.	2.9	67
126	Controlling extensively drug-resistant tuberculosis. Lancet, The, 2007, 370, 1464-1465.	13.7	7

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127	Utility of R 0 as a predictor of disease invasion in structured populations. Journal of the Royal Society Interface, 2007, 4, 315-324.	3.4	84
128	LoCoH: Nonparameteric Kernel Methods for Constructing Home Ranges and Utilization Distributions. PLoS ONE, 2007, 2, e207.	2.5	410
129	Selection at the Y Chromosome of the African Buffalo Driven by Rainfall. PLoS ONE, 2007, 2, e1086.	2.5	13
130	Strainer: software for analysis of population variation in community genomic datasets. BMC Bioinformatics, 2007, 8, 398.	2.6	30
131	Hierarchical dominance structure and social organization in African elephants, Loxodonta africana. Animal Behaviour, 2007, 73, 671-681.	1.9	124
132	Social dominance, seasonal movements, and spatial segregation in African elephants: a contribution to conservation behavior. Behavioral Ecology and Sociobiology, 2007, 61, 1919-1931.	1.4	151
133	Characterization of a western North American carnivore community using PCRâ€“RFLP of cytochrome b obtained from fecal samples. Conservation Genetics, 2007, 8, 1511-1513.	1.5	24
134	Coevolution of exploiter specialization and victim mimicry can be cyclic and saltational. Evolutionary Bioinformatics, 2007, 2, 35-43.	1.2	5
135	DYNAMICS AND MANAGEMENT OF INFECTIOUS DISEASE IN COLONIZING POPULATIONS. Ecology, 2006, 87, 1215-1224.	3.2	27
136	HIV Drug-resistant Strains as Epidemiologic Sentinels. Emerging Infectious Diseases, 2006, 12, 191-197.	4.3	13
137	The Potential Impact of Male Circumcision on HIV in Sub-Saharan Africa. PLoS Medicine, 2006, 3, e262.	8.4	290
138	Coevolution of Exploiter Specialization and Victim Mimicry can be Cyclic and Saltational. Evolutionary Bioinformatics, 2006, 2, 117693430600200.	1.2	4
139	Defining herbivore assemblages in the Kruger National Park: a correlative coherence approach. Oecologia, 2006, 146, 632-640.	2.0	24
140	Paternity uncertainty overrides sex chromosome selection for preferential grandparenting. Evolution and Human Behavior, 2006, 27, 206-223.	2.2	60
141	Assessing vaccination as a control strategy in an ongoing epidemic: Bovine tuberculosis in African buffalo. Ecological Modelling, 2006, 196, 494-504.	2.5	36
142	Range and Habitat Selection of African Buffalo in South Africa. Journal of Wildlife Management, 2006, 70, 764-776.	1.8	102
143	A likely ranking interpolation for resolving dominance orders in systems with unknown relationships. Behaviour, 2006, 143, 909-930.	0.8	13
144	Response from Svancara and Colleagues. BioScience, 2006, 56, 96.	4.9	1

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145	Prospects for Advancing Tuberculosis Control Efforts through Novel Therapies. PLoS Medicine, 2006, 3, e273.	8.4	76
146	Comment on "On the Regulation of Populations of Mammals, Birds, Fish, and Insects" I. Science, 2006, 311, 1100.1-1100.	12.6	16
147	Good Practices for Sharing Ecological Models. BioScience, 2006, 56, 59.	4.9	11
148	Basic methods for modeling the invasion and spread of contagious diseases. DIMACS Series in Discrete Mathematics and Theoretical Computer Science, 2006, , 87-109.	0.0	23
149	Modeling the invasion and spread of contagious diseases in heterogeneous populations. DIMACS Series in Discrete Mathematics and Theoretical Computer Science, 2006, , 113-144.	0.0	9
150	A decrease in drug resistance levels of the HIV epidemic can be bad news. Bulletin of Mathematical Biology, 2005, 67, 761-782.	1.9	13
151	Whom Are Parks For?. Conservation Biology, 2005, 19, 1333-1334.	4.7	0
152	Duelling timescales of host movement and disease recovery determine invasion of disease in structured populations. Ecology Letters, 2005, 8, 587-595.	6.4	172
153	Superspreading and the effect of individual variation on disease emergence. Nature, 2005, 438, 355-359.	27.8	2,096
154	Disentangling association patterns in fissionâ€“fusion societies using African buffalo as an example. Animal Behaviour, 2005, 69, 499-506.	1.9	98
155	The socioecology of elephants: analysis of the processes creating multitiered social structures. Animal Behaviour, 2005, 69, 1357-1371.	1.9	447
156	Gray Wolves as Climate Change Buffers in Yellowstone. PLoS Biology, 2005, 3, e92.	5.6	171
157	THE GENETICS OF GROUPS, FOR GROUP READING. BioScience, 2005, 55, 803.	4.9	0
158	A MODEL-FRAMED EVALUATION OF ELEPHANT EFFECTS ON TREE AND FIRE DYNAMICS IN AFRICAN SAVANNAS. , 2005, 15, 1331-1341.		90
159	Surface water availability and the management of herbivore distributions in an African savanna ecosystem. Journal of Arid Environments, 2005, 63, 406-424.	2.4	76
160	Should we expect population thresholds for wildlife disease?. Trends in Ecology and Evolution, 2005, 20, 511-519.	8.7	403
161	Frequencyâ€“dependent incidence in models of sexually transmitted diseases: portrayal of pairâ€“based transmission and effects of illness on contact behaviour. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 625-634.	2.6	53
162	A local nearest-neighbor convex-hull construction of home ranges and utilization distributions. Ecography, 2004, 27, 489-505.	4.5	318

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163	Simulating the effects of wolf-elk population dynamics on resource flow to scavengers. Ecological Modelling, 2004, 177, 193-208.	2.5	51
164	Control analysis of trophic chains. Ecological Modelling, 2003, 168, 153-171.	2.5	11
165	Trophic facilitation by introduced top predators: grey wolf subsidies to scavengers in Yellowstone National Park. Journal of Animal Ecology, 2003, 72, 909-916.	2.8	286
166	Resource dispersion and consumer dominance: scavenging at wolf- and hunter-killed carcasses in Greater Yellowstone, USA. Ecology Letters, 2003, 6, 996-1003.	6.4	189
167	Correlative coherence analysis: variation from intrinsic and extrinsic sources in competing populations. Theoretical Population Biology, 2003, 64, 89-99.	1.1	11
168	Curtailing transmission of severe acute respiratory syndrome within a community and its hospital. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 1979-1989.	2.6	125
169	IS POPULATION ECOLOGY A MATURE SCIENCE?. BioScience, 2003, 53, 885.	4.9	1
170	Microbicides and HIV: Help or Hindrance?. Journal of Acquired Immune Deficiency Syndromes (1999), 2003, 34, 71-75.	2.1	32
171	SURFACE-WATER CONSTRAINTS ON HERBIVORE FORAGING IN THE KRUGER NATIONAL PARK, SOUTH AFRICA. Ecology, 2003, 84, 2092-2107.	3.2	238
172	â€œEvo-Devoâ€•and the Conundrum of Sympatric Speciation. BioScience, 2003, 53, 313.	4.9	0
173	THE USE OF STOCHASTIC DYNAMIC PROGRAMMING IN OPTIMAL LANDSCAPE RECONSTRUCTION FOR METAPOPULATIONS. , 2003, 13, 543-555.		89
174	ECA: control in ecosystems. Molecular Biology Reports, 2002, 29, 113-117.	2.3	3
175	Receptor Heterogeneity and its Effect on Sensitivity and Coding Range in Olfactory Sensory Neurons. Bulletin of Mathematical Biology, 2001, 63, 885-908.	1.9	10
176	Rate code input produces temporal code output from cockroach antennal lobes. BioSystems, 2000, 58, 151-158.	2.0	17
177	Coevolution of Contrary Choices in Hostâ€Parasitoid Systems. American Naturalist, 2000, 155, 637-648.	2.1	25
178	Signal Decoding and Receiver Evolution. Brain, Behavior and Evolution, 2000, 56, 45-62.	1.7	19
179	A Neural Network Model of General Olfactory Coding in the Insect Antennal Lobe. Chemical Senses, 1999, 24, 351-372.	2.0	24
180	A Kinetic Model of the Transient Phase in the Response of Olfactory Receptor Neurons. Chemical Senses, 1999, 24, 497-508.	2.0	9

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181	The effects of parasitoid fecundity and host taxon on the biological control of insect pests: the relationship between theory and data. Ecological Entomology, 1999, 24, 181-190.	2.2	55
182	CONSERVATION:Sustaining Natural and Human Capital: Villagers and Scientists. Science, 1999, 283, 1855-1856.	12.6	76
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