Ulf Dieckmann

List of Publications by Year
in descending order

306	20,169	18482 62	14208 128
papers	citations	h-index	g-index

332	332	332	15547
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hybridization and speciation. Journal of Evolutionary Biology, 2013, 26, 229-246.	1.7	1,735
2	On the origin of species by sympatric speciation. Nature, 1999, 400, 354-357.	27.8	1,485
3	The dynamical theory of coevolution: a derivation from stochastic ecological processes. Journal of Mathematical Biology, 1996, 34, 579-612.	1.9	934
4	Maturation trends indicative of rapid evolution preceded the collapse of northern cod. Nature, 2004, 428, 932-935.	27.8	703
5	Speciation along environmental gradients. Nature, 2003, 421, 259-264.	27.8	600
6	Ecology: Managing Evolving Fish Stocks. Science, 2007, 318, 1247-1248.	12.6	552
7	Evolutionary Branching and Sympatric Speciation Caused by Different Types of Ecological Interactions. American Naturalist, 2000, 156, S77-S101.	2.1	483
8	The dynamical theory of coevolution: a derivation from stochastic ecological processes. Journal of Mathematical Biology, 1996, 34, 579-612.	1.9	377
9	Complexity and stability of ecological networks: a review of the theory. Population Ecology, 2018, 60, 319-345.	1.2	320
10	Microbial community dynamics alleviate stoichiometric constraints during litter decay. Ecology Letters, 2014, 17, 680-690.	6.4	302
11	POPULATION GROWTH IN SPACE AND TIME: SPATIAL LOGISTIC EQUATIONS. Ecology, 2003, 84, 252-262.	3.2	273
12	The evolutionary ecology of dispersal. Trends in Ecology and Evolution, 1999, 14, 88-90.	8.7	272
13	Evolutionary cycling in predator-prey interactions: population dynamics and the red queen. Journal of Theoretical Biology, 1995, 176, 91-102.	1.7	260
14	Fisheries-Induced Evolution. Annual Review of Ecology, Evolution, and Systematics, 2015, 46, 461-480.	8.3	254
15	Generalized Models Reveal Stabilizing Factors in Food Webs. Science, 2009, 325, 747-750.	12.6	249
16	MEASURING PROBABILISTIC REACTION NORMS FOR AGE AND SIZE AT MATURATION. Evolution; International Journal of Organic Evolution, 2002, 56, 669-678.	2.3	240
17	Adaptive changes in harvested populations: plasticity and evolution of age and size at maturation. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 415-423.	2.6	240
18	Modeling carbon allocation in trees: a search for principles. Tree Physiology, 2012, 32, 648-666.	3.1	236

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19	Live Where You Thrive: Joint Evolution of Habitat Choice and Local Adaptation Facilitates Specialization and Promotes Diversity. American Naturalist, 2009, 174, E141-E169.	2.1	229
20	The logic of skipped spawning in fish. Canadian Journal of Fisheries and Aquatic Sciences, 2006, 63, 200-211.	1.4	220
21	Probabilistic maturation reaction norms: their history, strengths, and limitations. Marine Ecology - Progress Series, 2007, 335, 253-269.	1.9	217
22	ORIGINAL ARTICLE: Implications of fisheriesâ€induced evolution for stock rebuilding and recovery. Evolutionary Applications, 2009, 2, 394-414.	3.1	200
23	Assessing changes in age and size at maturation in collapsing populations of Atlantic cod (Gadus) Tj ETQq1 1 0.784314 rgBT /Overloc	1.4	192
24	Fisheries-induced trends in reaction norms for maturation in North Sea plaice. Marine Ecology - Progress Series, 2003, 257, 247-257.	1.9	189
25	Can adaptive dynamics invade?. Trends in Ecology and Evolution, 1997, 12, 128-131.	8.7	173
26	Diversity and complexity of angler behaviour drive socially optimal input and output regulations in a bioeconomic recreational-fisheries model. Canadian Journal of Fisheries and Aquatic Sciences, 2010, 67, 1507-1531.	1.4	161
27	Evolution Restricts the Coexistence of Specialists and Generalists: The Role of Tradeâ€off Structure. American Naturalist, 2004, 163, 518-531.	2.1	158
28	Sympatric Speciation by Sexual Selection: A Critical Reevaluation. American Naturalist, 2004, 163, 709-725.	2.1	157
29	Ecoâ€genetic modeling of contemporary lifeâ€history evolution. Ecological Applications, 2009, 19, 1815-1834.	3.8	148
30	Evolutionary dynamics of predator-prey systems: an ecological perspective. Journal of Mathematical Biology, 1996, 34, 556-578.	1.9	143
31	On moment closures for population dynamics in continuous space. Journal of Theoretical Biology, 2004, 229, 421-432.	1.7	139
32	Tradeâ€Off Geometries and Frequencyâ€Dependent Selection. American Naturalist, 2004, 164, 765-778.	2.1	138
33	THE ADAPTIVE DYNAMICS OF ALTRUISM IN SPATIALLY HETEROGENEOUS POPULATIONS. Evolution; International Journal of Organic Evolution, 2003, 57, 1-17.	2.3	132
34	First carrot, then stick: how the adaptive hybridization of incentives promotes cooperation. Journal of the Royal Society Interface, 2015, 12, 20140935.	3.4	131
35	Evolutionary suicide and evolution of dispersal in structured metapopulations. Journal of Mathematical Biology, 2002, 45, 79-105.	1.9	127
36	Sexual Conflict and the Tragedy of the Commons. American Naturalist, 2011, 177, 780-791.	2.1	123

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37	Adaptive Evolution of Social Traits: Origin, Trajectories, and Correlations of Altruism and Mobility. American Naturalist, 2005, 165, 206-224.	2.1	120
38	Evolutionary impact assessment: accounting for evolutionary consequences of fishing in an ecosystem approach to fisheries management. Fish and Fisheries, 2014, 15, 65-96.	5.3	119
39	The take-it-or-leave-it option allows small penalties to overcome social dilemmas. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1165-1169.	7.1	117
40	LONG-TERM TREND IN THE MATURATION REACTION NORM OF TWO COD STOCKS. , 2004, 14, 1257-1271.		113
41	Influence of four major plant traits on average height, leafâ€area cover, net primary productivity, and biomass density in singleâ€species forests: a theoretical investigation. Journal of Ecology, 2011, 99, 148-164.	4.0	109
42	Can fisheries-induced evolution shift reference points for fisheries management?. ICES Journal of Marine Science, 2013, 70, 707-721.	2.5	102
43	On evolution under asymmetric competition. Evolutionary Ecology, 1997, 11, 485-501.	1.2	98
44	The evolution of phenotypic plasticity in spatially structured environments: implications of intraspecific competition, plasticity costs and environmental characteristics. Journal of Evolutionary Biology, 2004, 17, 613-628.	1.7	98
45	Multitrait successional forest dynamics enable diverse competitive coexistence. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2719-E2728.	7.1	98
46	The conservation and fishery benefits of protecting large pike (Esox lucius L.) by harvest regulations in recreational fishing. Biological Conservation, 2010, 143, 1444-1459.	4.1	97
47	A Neighborhood View of Interactions among Individual Plants. , 2000, , 11-27.		96
48	The Evolution of Age-Dependent Plasticity. American Naturalist, 2014, 183, 108-125.	2.1	96
49	Organizing principles for vegetation dynamics. Nature Plants, 2020, 6, 444-453.	9.3	95
50	Understanding mutualism when there is adaptation to the partner. Journal of Ecology, 2005, 93, 305-314.	4.0	94
51	Spatio-temporal development of forests - current trends in field methods and models. Oikos, 2004, 107, 3-15.	2.7	93
52	Vulnerability to shocks in the global seafood trade network. Environmental Research Letters, 2016, 11, 035008.	5.2	92
53	Sexual selection enables long-term coexistence despite ecological equivalence. Nature, 2012, 484, 506-509.	27.8	85
54	A Dynamical System for Neighborhoods in Plant Communities. Ecology, 2000, 81, 2137.	3.2	83

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55	Multimodal pattern formation in phenotype distributions of sexual populations. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 347-357.	2.6	83
56	Evolution of dispersal in metapopulations with local density dependence and demographic stochasticity. Journal of Evolutionary Biology, 2003, 16, 143-153.	1.7	82
57	The impact of fishingâ€induced mortality on the evolution of alternative lifeâ€history tactics in brook charr. Evolutionary Applications, 2008, 1, 409-423.	3.1	82
58	Social dynamics within decomposer communities lead to nitrogen retention and organic matter build-up in soils. Nature Communications, 2015, 6, 8960.	12.8	80
59	Estimating reaction norms for age and size at maturation with reconstructed immature size distributions: a new technique illustrated by application to Northeast Arctic cod. ICES Journal of Marine Science, 2002, 59, 562-575.	2.5	77
60	An Analytically Tractable Model for Competitive Speciation. American Naturalist, 2008, 171, E44-E71.	2.1	74
61	Emergence and maintenance of biodiversity in an evolutionary food-web model. Theoretical Ecology, 2011, 4, 467-478.	1.0	73
62	Assessing evolutionary consequences of size-selective recreational fishing on multiple life-history traits, with an application to northern pike (Esox lucius). Evolutionary Ecology, 2011, 25, 711-735.	1.2	72
63	Ecoâ€evolutionary optimality as a means to improve vegetation and landâ€surface models. New Phytologist, 2021, 231, 2125-2141.	7.3	71
64	Relaxation Projections and the Method of Moments. , 2000, , 412-455.		68
65	ORIGINAL ARTICLE: Propensity of marine reserves to reduce the evolutionary effects of fishing in a migratory species. Evolutionary Applications, 2009, 2, 371-393.	3.1	68
66	The adaptive dynamics of function-valued traits. Journal of Theoretical Biology, 2006, 241, 370-389.	1.7	67
67	ORIGINAL ARTICLE: Quantifying selection differentials caused by recreational fishing: development of modeling framework and application to reproductive investment in pike (Esox lucius). Evolutionary Applications, 2009, 2, 335-355.	3.1	67
68	Fish life history, angler behaviour and optimal management of recreational fisheries. Fish and Fisheries, 2013, 14, 554-579.	5.3	67
69	Economic repercussions of fisheries-induced evolution. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12259-12264.	7.1	65
70	EVOLUTION OF PHENOTYPIC CLUSTERS THROUGH COMPETITION AND LOCAL ADAPTATION ALONG AN ENVIRONMENTAL GRADIENT. Evolution; International Journal of Organic Evolution, 2008, 62, 807-822.	2.3	64
71	Adaptive Dynamics of Pathogenâ€“Host Interactions. , 2002, , 39-59.		63
72	Demographic and Evolutionary Consequences of Selective Mortality: Predictions from an Eco-Genetic Model for Smallmouth Bass. Transactions of the American Fisheries Society, 2007, 136, 749-765.	1.4	63

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73	Roles of density-dependent growth and life history evolution in accounting for fisheries-induced trait changes. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 15030-15035.	7.1	63
74	Adaptive Speciation in Northern Freshwater Fishes. , 2004, , 210-228.		62
75	Surprising evolutionary predictions from enhanced ecological realism. Theoretical Population Biology, 2006, 69, 263-281.	1.1	62
76	Ecological Speciation in Flowering Plants. , 2004, , 264-277.		60
77	Three-dimensional maturation reaction norms for North Sea plaice. Marine Ecology - Progress Series, 2007, 334, 213-224.	1.9	60
78	Ecology and adaptation of stunted growth in fish. Evolutionary Ecology, 1999, 13, 433-453.	1.2	59
79	Evolutionary dynamics of predator-prey systems: an ecological perspective. Journal of Mathematical Biology, 1996, 34, 556-578.	1.9	57
80	Non-Manipulative Estimates of Competition Coefficients in a Montane Grassland Community. Journal of Ecology, 1997, 85, 505.	4.0	57
81	Foraging on spatially distributed resources with sub-optimal movement, imperfect information, and travelling costs: departures from the ideal free distribution. Oikos, 2010, 119, 1469-1483.	2.7	57
82	Games on Grids. , 2000, , 135-150.		56
83	Pair Approximations for Different Spatial Geometries. , 2000, , 359-387.		56
84	Unexpected Patterns of Plastic Energy Allocation in Stochastic Environments. American Naturalist, 2009, 173, E108-E120.	2.1	56
85	Standardizing Selection Strengths to Study Selection in the Wild: A Critical Comparison and Suggestions for the Future. BioScience, 2012, 62, 1039-1054.	4.9	56
86	A generalized functional response for predators that switch between multiple prey species. Journal of Theoretical Biology, 2013, 328, 89-98.	1.7	56
87	Maturation of Newfoundland American plaice (Hippoglossoides platessoides): long-term trends in maturation reaction norms despite low fishing mortality?. ICES Journal of Marine Science, 2005, 62, 56-64.	2.5	55
88	Synergistic effects of diffusion and microbial physiology reproduce the Birch effect in a micro-scale model. Soil Biology and Biochemistry, 2016, 93, 28-37.	8.8	55
89	Natural Selection and Ecological Speciation in Sticklebacks. , 2004, , 192-209.		54
90	Adaptive Dynamics with Interaction Structure. American Naturalist, 2013, 181, E139-E163.	2.1	54

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91	Adaptive Dynamics and Evolving Biodiversity. , 2004, , 188-224.		53
92	Symbiosis through exploitation and the merger of lineages in evolution. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 1245-1253.	2.6	52
93	Can the Evolution of Plant Defense Lead to Plantâ€Herbivore Mutualism?. American Naturalist, 2001, 158, 109-123.	2.1	52
94	WHAT WE HAVE ALSO LEARNED: ADAPTIVE SPECTIATION IS THEORETICALLY PLAUSIBLE. Evolution; International Journal of Organic Evolution, 2005, 59, 691-695.	2.3	51
95	Oligomorphic dynamics for analyzing the quantitative genetics of adaptive speciation. Journal of Mathematical Biology, 2011, 63, 601-635.	1.9	51
96	On State-Space Reduction in Multi-Strain Pathogen Models, with an Application to Antigenic Drift in Influenza A. PLoS Computational Biology, 2007, 3, e159.	3.2	50
97	The evolution of self-fertilization in density-regulated populations. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 1177-1186.	2.6	49
98	A tale of two cycles - distinguishing quasi-cycles and limit cycles in finite predator-prey populations. Oikos, 2007, 116, 53-64.	2.7	48
99	Games of corruption: How to suppress illegal logging. Journal of Theoretical Biology, 2015, 367, 1-13.	1.7	48
100	What we have also learned: adaptive speciation is theoretically plausible. Evolution; International Journal of Organic Evolution, 2005, 59, 691-5; discussion 696-9.	2.3	48
101	Sympatric Speciation in Insects. , 2004, , 229-248.		47
102	EVOLUTION OF SPECIALIZATION AND ECOLOGICAL CHARACTER DISPLACEMENT OF HERBIVORES ALONG A GRADIENT OF PLANT QUALITY. Evolution; International Journal of Organic Evolution, 2005, 59, 507-520.	2.3	47
103	A New Mechanism for Recurrent Adaptive Radiations. American Naturalist, 2007, 170, E96-E111.	2.1	47
104	A multiscale maximum entropy moment closure for locally regulated spaceâ€“time point process models of population dynamics. Journal of Mathematical Biology, 2011, 62, 605-653.	1.9	47
105	Fisheriesâ€induced neutral and adaptive evolution in exploited fish populations and consequences for their adaptive potential. Evolutionary Applications, 2015, 8, 47-63.	3.1	47
106	Limiting similarity, species packing, and the shape of competition kernels. Journal of Theoretical Biology, 2013, 339, 3-13.	1.7	46
107	Conservation Implications of Niche Conservatism and Evolution in Heterogeneous Environments. , 2004, , 244-264.		45
108	Function-valued adaptive dynamics and the calculus of variations. Journal of Mathematical Biology, 2006, 52, 1-26.	1.9	43

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109	WHEN TO STORE ENERGY IN A STOCHASTIC ENVIRONMENT. Evolution; International Journal of Organic Evolution, 2011, 65, 1221-1232.	2.3	43
110	Disparate maturation adaptations to size-dependent mortality. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 2185-2192.	2.6	42
111	Speciation and the evolution of dispersal along environmental gradients. Evolutionary Ecology, 2009, 23, 53-70.	1.2	42
112	Unexpected discontinuities in lifeâ€“history evolution under sizeâ€“dependent mortality. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 713-721.	2.6	41
113	Resource heterogeneity can facilitate cooperation. Nature Communications, 2013, 4, 2453.	12.8	41
114	Biodiversity, productivity, and the spatial insurance hypothesis revisited. Journal of Theoretical Biology, 2015, 380, 426-435.	1.7	41
115	Moment Approximations of Individual-based Models. , 2000, , 252-270.		40
116	Adaptive dynamics as a mathematical tool for studying the ecology of speciation processes. Journal of Evolutionary Biology, 2005, 18, 1194-1200.	1.7	39
117	Life-history implications of the allometric scaling of growth. Journal of Theoretical Biology, 2014, 359, 199-207.	1.7	38
118	THE LONG-TERM EVOLUTION OF MULTILOCUS TRAITS UNDER FREQUENCY-DEPENDENT DISRUPTIVE SELECTION. Evolution; International Journal of Organic Evolution, 2006, 60, 2226.	2.3	38
119	A DYNAMICAL SYSTEM FOR NEIGHBORHOODS INPLANT COMMUNITIES. Ecology, 2000, 81, 2137-2148.	3.2	37
120	Coevolutionary Dynamics and the Conservation of Mutualisms. , 2004, , 305-326.		37
121	Coexistence of Replicators in Prebiotic Evolution. , 2000, , 116-134.		36
122	THE LONG-TERM EVOLUTION OF MULTILOCUS TRAITS UNDER FREQUENCY-DEPENDENT DISRUPTIVE SELECTION. Evolution; International Journal of Organic Evolution, 2006, 60, 2226-2238.	2.3	36
123	The Role of Space in Reducing Predatorâ€“Prey Cycles. , 2000, , 183-202.		35
124	How trophic interaction strength depends on traits. Theoretical Ecology, 2010, 3, 13-24.	1.0	35
125	Marine reserves and the evolutionary effects of fishing on size at maturation. ICES Journal of Marine Science, 2010, 67, 412-425.	2.5	34
126	Evolution of age and length at maturation of A laskan salmon under sizeâ€selective harvest. Evolutionary Applications, 2014, 7, 313-322.	3.1	34

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127	Social evolution leads to persistent corruption. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13276-13281.	7.1	34
128	Joint evolution of predator body size and prey-size preference. Evolutionary Ecology, 2008, 22, 771-799.	1.2	32
129	Runaway selection for cooperation and strict-and-severe punishment. Journal of Theoretical Biology, 2009, 257, 1-8.	1.7	32
130	Shared rewarding overcomes defection traps in generalized volunteer's dilemmas. Journal of Theoretical Biology, 2013, 335, 13-21.	1.7	32
131	Fisheries-induced disruptive selection. Journal of Theoretical Biology, 2015, 365, 204-216.	1.7	32
132	Contact Networks and the Evolution of Virulence. , 2002, , 85-103.		32
133	Ecological, Angler, and Spatial Heterogeneity Drive Social and Ecological Outcomes in an Integrated Landscape Model of Freshwater Recreational Fisheries. Reviews in Fisheries Science and Aquaculture, 2019, 27, 170-197.	9.1	31
134	Competition and predation in simple food webs: intermediately strong trade-offs maximize coexistence. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 2591-2598.	2.6	30
135	Three Modes of Adaptive Speciation in Spatially Structured Populations. American Naturalist, 2013, 182, E215-E234.	2.1	30
136	Evolution of Vaccine-resistant Strains of Infectious Agents. , 2002, , 339-346.		30
137	Virulence Management in Humans. , 2002, , 399-412.		30
138	Moment Methods for Ecological Processes in Continuous Space. , 2000, , 388-411.		28
139	Age at maturation predicted from routine scale measurements in Norwegian spring-spawning herring (Clupea harengus) using discriminant and neural network analyses. ICES Journal of Marine Science, 2003, 60, 304-313.	2.5	27
140	Impact of Environmental Covariation in Growth and Mortality on Evolving Maturation Reaction Norms. American Naturalist, 2011, 177, E98-E118.	2.1	27
141	Four types of interference competition and their impacts on the ecology and evolution of size-structured populations and communities. Journal of Theoretical Biology, 2015, 380, 280-290.	1.7	27
142	Lattice Models and Pair Approximation in Ecology. , 2000, , 227-251.		26
143	Spatio-temporal Patterns in Grassland Communities. , 2000, , 48-64.		26
144	Quantitative-Genetic Models and Changing Environments. , 2004, , 171-187.		26

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145	Fixation of New Mutations in Small Populations. , 2004, , 155-170.		26
146	Consequences of fluctuating group size for the evolution of cooperation. Journal of Mathematical Biology, 2011, 63, 263-281.	1.9	26
147	A bio-economic analysis of harvest control rules for the Northeast Arctic cod fishery. Marine Policy, 2013, 39, 172-181.	3.2	26
148	Evolutionary branching under slow directional evolution. Journal of Theoretical Biology, 2014, 360, 290-314.	1.7	26
149	plant: A package for modelling forest trait ecology and evolution. Methods in Ecology and Evolution, 2016, 7, 136-146.	5.2	26
150	Complexity and Stability of Adaptive Ecological Networks: A Survey of the Theory in Community Ecology. , 2018, , 209-248.		26
151	Biogeographical Perspectives on Arms Races. , 2002, , 197-209.		26
152	Evolutionary Branching in Complex Landscapes. American Naturalist, 2013, 182, E127-E141.	2.1	25
153	Evolutionary dynamics of altruism and cheating among social amoebas. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 1609-1616.	2.6	24
154	ORIGINAL ARTICLE: Mitigating fisheriesâ€induced evolution in lacustrine brook charr (<i>Salvelinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.1	24
155	Dealing with femtorisks in international relations. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17356-17362.	7.1	24
156	Pair Approximations for Lattice-based Ecological Models. , 2000, , 341-358.		23
157	Food-web structure in low- and high-dimensional trophic niche spaces. Journal of the Royal Society Interface, 2010, 7, 1735-1743.	3.4	23
158	Function-valued adaptive dynamics and optimal control theory. Journal of Mathematical Biology, 2013, 67, 509-533.	1.9	23
159	Self-extinction through optimizing selection. Journal of Theoretical Biology, 2013, 333, 1-9.	1.7	22
160	The Evolutionary Ecology of Metamorphosis. American Naturalist, 2019, 193, E116-E131.	2.1	22
161	THE ADAPTIVE DYNAMICS OF ALTRUISM IN SPATIALLY HETEROGENEOUS POPULATIONS. Evolution; International Journal of Organic Evolution, 2003, 57, 1.	2.3	21
162	Responses to Environmental Change: Adaptation or Extinction. , 2004, , 85-100.		21

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163	Pluralism in evolutionary theory. Journal of Evolutionary Biology, 2005, 18, 1209-1213.	1.7	21
164	Adaptive dynamics and technological change. Technovation, 2008, 28, 335-348.	7.8	21
165	Adaptive Phenotypic Diversification along a Temperature-Depth Gradient. American Naturalist, 2013, 182, 359-373.	2.1	21
166	Empirical Evidence for Rapid Evolution. , 2004, , 101-118.		20
167	The evolution of conditional dispersal and reproductive isolation along environmental gradients. Journal of Theoretical Biology, 2011, 273, 147-155.	1.7	20
168	Parent-preferred dispersal promotes cooperation in structured populations. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20181949.	2.6	19
169	Enhancing resilience of systems to individual and systemic risk: Steps toward an integrative framework. International Journal of Disaster Risk Reduction, 2020, 51, 101868.	3.9	19
170	Evolution of Exploitation and Defense in Tritrophic Interactions. , 2002, , 297-322.		17
171	Evolution of dispersal distance: Maternal investment leads to bimodal dispersal kernels. Journal of Theoretical Biology, 2015, 365, 270-279.	1.7	17
172	Kin-selection Models as Evolutionary Explanations of Malaria. , 2002, , 165-178.		16
173	MUTANT INVASIONS AND ADAPTIVE DYNAMICS IN VARIABLE ENVIRONMENTS. Evolution; International Journal of Organic Evolution, 2013, 67, no-no.	2.3	16
174	Evolutionary impact assessment of the North Sea plaice fishery. Canadian Journal of Fisheries and Aquatic Sciences, 2016, 73, 1126-1137.	1.4	16
175	Varying selection differential throughout the climatic range of Norway spruce in Central Europe. Evolutionary Applications, 2017, 10, 25-38.	3.1	16
176	WHAT WE HAVE ALSO LEARNED: ADAPTIVE SPECIATION IS THEORETICALLY PLAUSIBLE. Evolution; International Journal of Organic Evolution, 2005, 59, 691.	2.3	15
177	Harvest-induced maturation evolution under different life-history trade-offs and harvesting regimes. Journal of Theoretical Biology, 2011, 279, 102-112.	1.7	15
178	Abrupt community transitions and cyclic evolutionary dynamics in complex food webs. Journal of Theoretical Biology, 2013, 337, 181-189.	1.7	15
179	Integrating Systemic Risk and Risk Analysis Using Copulas. International Journal of Disaster Risk Science, 2018, 9, 561-567.	2.9	15
180	Harvesting forage fish can prevent fishing-induced population collapses of large piscivorous fish. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	15

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181	Mechanisms driving plant functional trait variation in a tropical forest. Ecology and Evolution, 2021, 11, 3856-3870.	1.9	15
182	Genetic Theories of Sympatric Speciation. , 2004, , 36-53.		14
183	Adaptive Dynamics of Speciation: Ecological Underpinnings. , 2004, , 54-75.		14
184	Adaptation of aquatic insects to the current flow in streams. Ecological Modelling, 2015, 309-310, 143-152.	2.5	14
185	Combating climate change with matching-commitment agreements. Scientific Reports, 2020, 10, 10251.	3.3	14
186	The long-term evolution of multilocus traits under frequency-dependent disruptive selection. Evolution; International Journal of Organic Evolution, 2006, 60, 2226-38.	2.3	14
187	Intermediate landscape disturbance maximizes metapopulation density. Landscape Ecology, 2009, 24, 1341-1350.	4.2	13
188	Effects of genetic architecture on the evolution of assortative mating under frequency-dependent disruptive selection. Theoretical Population Biology, 2011, 79, 82-96.	1.1	13
189	Spatial Interactions among Grassland Plant Populations. , 2000, , 28-47.		12
190	Grid-based Models as Tools for Ecological Research. , 2000, , 94-115.		12
191	MEASURING PROBABILISTIC REACTION NORMS FOR AGE AND SIZE AT MATURATION. Evolution; International Journal of Organic Evolution, 2002, 56, 669.	2.3	12
192	Long-range correlations improve understanding of the influence of network structure on contact dynamics. Theoretical Population Biology, 2008, 73, 383-394.	1.1	12
193	Measuring, modeling, and managing systemic risk: the missing aspect of human agency. Journal of Risk Research, 2020, 23, 1301-1317.	2.6	12
194	The Adaptive Dynamics of Community Structure. , 2007, , 145-177.		12
195	Alternative Transmission Modes and the Evolution of Virulence. , 2002, , 10-25.		12
196	Age Structure, Mating System, and Population Viability. , 2004, , 41-58.		11
197	Adaptive Dynamics of Speciation: Sexual Populations. , 2004, , 76-111.		11
198	Invasion and Persistence of Infectious Agents in Fragmented Host Populations. PLoS ONE, 2011, 6, e24006.	2.5	11

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199	A Game of Common-pool Resource Management: Effects of Communication, Risky Environment and Worldviews. Ecological Economics, 2019, 156, 287-292.	5.7	11
200	Evolution of Reproduction Periods in Seasonal Environments. American Naturalist, 2020, 196, E88-E109.	2.1	11
201	Reconstructing the effects of fishing on life-history evolution in North Sea plaice Pleuronectes platessa. Marine Ecology - Progress Series, 2016, 542, 195-208.	1.9	11
202	Speciation and Radiation in African Haplochromine Cichlids. , 2004, , 173-191.		10
203	Diversity and Speciation of Semionotid Fishes in Mesozoic Rift Lakes. , 2004, , 362-379.		10
204	Super- and Coinfection: The Two Extremes. , 2002, , 124-137.		10
205	Evolutionary Dynamics in Spatial Hostâ€“Parasite Systems. , 2000, , 271-291.		9
206	The Dynamics of Invasion Waves. , 2000, , 482-512.		9
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