

# Nils Christian Stenseth

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3157375/publications.pdf>

Version: 2024-02-01

687  
papers

45,475  
citations

1792

103  
h-index

4101

175  
g-index

705  
all docs

705  
docs citations

705  
times ranked

34316  
citing authors

#	ARTICLE	IF	CITATIONS
1	Using the satellite-derived NDVI to assess ecological responses to environmental change. <i>Trends in Ecology and Evolution</i> , 2005, 20, 503-510.	4.2	2,279
2	Ecological Effects of Climate Fluctuations. <i>Science</i> , 2002, 297, 1292-1296.	6.0	1,430
3	Ecological Mechanisms and Landscape Ecology. <i>Oikos</i> , 1993, 66, 369.	1.2	851
4	The genome sequence of Atlantic cod reveals a unique immune system. <i>Nature</i> , 2011, 477, 207-210.	13.7	730
5	Climate and the match or mismatch between predator requirements and resource availability. <i>Climate Research</i> , 2007, 33, 271-283.	0.4	708
6	Managing nitrogen to restore water quality in China. <i>Nature</i> , 2019, 567, 516-520.	13.7	667
7	Review article. Studying climate effects on ecology through the use of climate indices: the North Atlantic Oscillation, El Niño Southern Oscillation and beyond. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 2087-2096.	1.2	653
8	Ecological effects of the North Atlantic Oscillation. <i>Oecologia</i> , 2001, 128, 1-14.	0.9	649
9	Wavelet analysis of ecological time series. <i>Oecologia</i> , 2008, 156, 287-304.	0.9	552
10	CLIMATIC VARIABILITY, PLANT PHENOLOGY, AND NORTHERN UNGULATES. <i>Ecology</i> , 1999, 80, 1322-1339.	1.5	525
11	Plague: Past, Present, and Future. <i>PLoS Medicine</i> , 2008, 5, e3.	3.9	420
12	Adapting to climate change: a perspective from evolutionary physiology. <i>Climate Research</i> , 2010, 43, 3-15.	0.4	414
13	Rapid Advance of Spring Arrival Dates in Long-Distance Migratory Birds. <i>Science</i> , 2006, 312, 1959-1961.	6.0	399
14	Climate, changing phenology, and other life history traits: Nonlinearity and match-mismatch to the environment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 13379-13381.	3.3	385
15	Linking climate change to lemming cycles. <i>Nature</i> , 2008, 456, 93-97.	13.7	377
16	Ecosystem consequences of wolf behavioural response to climate. <i>Nature</i> , 1999, 401, 905-907.	13.7	326
17	Fine-scaled geographical population structuring in a highly mobile marine species: the Atlantic cod. <i>Molecular Ecology</i> , 2003, 12, 385-394.	2.0	316
18	Population Cycles in Voles and Lemmings: Density Dependence and Phase Dependence in a Stochastic World. <i>Oikos</i> , 1999, 87, 427.	1.2	312

#	ARTICLE	IF	CITATIONS
19	Stochastic seasonality and nonlinear density-dependent factors regulate population size in an African rodent. <i>Nature</i> , 1997, 389, 176-180.	13.7	299
20	Breeding phenology and climate change. <i>Nature</i> , 1998, 391, 29-30.	13.7	292
21	Challenging claims in the study of migratory birds and climate change. <i>Biological Reviews</i> , 2011, 86, 928-946.	4.7	286
22	Temporal and spatial development of red deer harvesting in Europe: biological and cultural factors. <i>Journal of Applied Ecology</i> , 2006, 43, 721-734.	1.9	282
23	Merging paleobiology with conservation biology to guide the future of terrestrial ecosystems. <i>Science</i> , 2017, 355, .	6.0	260
24	Ecosystem oceanography for global change in fisheries. <i>Trends in Ecology and Evolution</i> , 2008, 23, 338-346.	4.2	259
25	Population dynamics of Norwegian red deer: density dependence and climatic variation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 341-350.	1.2	248
26	A geographic gradient in small rodent density fluctuations: a statistical modelling approach. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1995, 262, 127-133.	1.2	244
27	Plague dynamics are driven by climate variation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 13110-13115.	3.3	242
28	Mice, rats, and people: the bio-economics of agricultural rodent pests. <i>Frontiers in Ecology and the Environment</i> , 2003, 1, 367-375.	1.9	241
29	Changes in spawning stock structure strengthen the link between climate and recruitment in a heavily fished cod ( <i>Gadus morhua</i> ) stock. <i>Fisheries Oceanography</i> , 2006, 15, 230-243.	0.9	240
30	Plant phenology, migration and geographical variation in body weight of a large herbivore: the effect of a variable topography. <i>Journal of Animal Ecology</i> , 2001, 70, 915-923.	1.3	233
31	Population regulation in snowshoe hare and Canadian lynx: Asymmetric food web configurations between hare and lynx. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 5147-5152.	3.3	226
32	Evolution of the immune system influences speciation rates in teleost fishes. <i>Nature Genetics</i> , 2016, 48, 1204-1210.	9.4	226
33	Timing and abundance as key mechanisms affecting trophic interactions in variable environments. <i>Ecology Letters</i> , 2005, 8, 952-958.	3.0	225
34	Climate-driven introduction of the Black Death and successive plague reintroductions into Europe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3020-3025.	3.3	225
35	Ecosystem processes are rarely included in tactical fisheries management. <i>Fish and Fisheries</i> , 2016, 17, 165-175.	2.7	220
36	Common Dynamic Structure of Canada Lynx Populations Within Three Climatic Regions. <i>Science</i> , 1999, 285, 1071-1073.	6.0	218

#	ARTICLE	IF	CITATIONS
37	Nonlinear effects of large-scale climatic variability on wild and domestic herbivores. <i>Nature</i> , 2001, 410, 1096-1099.	13.7	206
38	Interaction between top-down and bottom-up control in marine food webs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1952-1957.	3.3	202
39	Global climate change and phenotypic variation among red deer cohorts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997, 264, 1317-1324.	1.2	189
40	COEVOLUTION IN ECOSYSTEMS: RED QUEEN EVOLUTION OR STASIS?. <i>Evolution; International Journal of Organic Evolution</i> , 1984, 38, 870-880.	1.1	185
41	Predictive Thresholds for Plague in Kazakhstan. <i>Science</i> , 2004, 304, 736-738.	6.0	179
42	POPULATION CYCLES IN SMALL MAMMALS: THE PROBLEM OF EXPLAINING THE LOW PHASE. <i>Ecology</i> , 1998, 79, 1479-1488.	1.5	178
43	Drivers of change in China's energy-related CO <sub>2</sub> emissions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 29-36.	3.3	174
44	Large-scale climatic fluctuation and population dynamics of moose and white-tailed deer. <i>Journal of Animal Ecology</i> , 1998, 67, 537-543.	1.3	170
45	Reliability of flipper-banded penguins as indicators of climate change. <i>Nature</i> , 2011, 469, 203-206.	13.7	170
46	Age- and density-dependent reproductive effort in male red deer. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 1523-1528.	1.2	169
47	The role of males in the dynamics of ungulate populations. <i>Journal of Animal Ecology</i> , 2002, 71, 907-915.	1.3	169
48	Mushroom fruiting and climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3811-3814.	3.3	166
49	Are low but statistically significant levels of genetic differentiation in marine fishes "biologically meaningful"? A case study of coastal Atlantic cod. <i>Molecular Ecology</i> , 2011, 20, 768-783.	2.0	164
50	Basin-scale phenology and effects of climate variability on global timing of initial seaward migration of Atlantic salmon ( <i>Salmo salar</i> ). <i>Global Change Biology</i> , 2014, 20, 61-75.	4.2	160
51	The effect of climate variation on agro-pastoral production in Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 3049-3053.	3.3	159
52	Climate variation drives dengue dynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 113-118.	3.3	159
53	North Atlantic Oscillation timing of long- and short-distance migration. <i>Journal of Animal Ecology</i> , 2002, 71, 1002-1014.	1.3	158
54	Climate, fishing, and fluctuations of sardine and anchovy in the California Current. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13672-13677.	3.3	158

#	ARTICLE	IF	CITATIONS
55	NONADDITIVE EFFECTS OF THE ENVIRONMENT ON THE SURVIVAL OF A LARGE MARINE FISH POPULATION. <i>Ecology</i> , 2004, 85, 3418-3427.	1.5	155
56	Importance of climatological downscaling and plant phenology for red deer in heterogeneous landscapes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 2357-2364.	1.2	155
57	From patterns to processes: Phase and density dependencies in the Canadian lynx cycle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 15430-15435.	3.3	154
58	Trait changes in a harvested population are driven by a dynamic tug-of-war between natural and harvest selection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 15799-15804.	3.3	153
59	Effects of age, sex and density on body weight of Norwegian red deer: evidence of density-dependent senescence. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 911-919.	1.2	149
60	Using a proxy of plant productivity (NDVI) to find key periods for animal performance: the case of roe deer. <i>Oikos</i> , 2006, 112, 565-572.	1.2	148
61	What is blue growth? The semantics of "Sustainable Development" of marine environments. <i>Marine Policy</i> , 2018, 87, 177-179.	1.5	147
62	Weather packages: finding the right scale and composition of climate in ecology. <i>Journal of Animal Ecology</i> , 2005, 74, 1195-1198.	1.3	145
63	SYNCHRONY AND SCALING IN DYNAMICS OF VOLES AND MICE IN NORTHERN JAPAN. <i>Ecology</i> , 1999, 80, 622-637.	1.5	138
64	Environmental variation shapes sexual dimorphism in red deer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 4467-4471.	3.3	137
65	Cod and climate: effect of the North Atlantic Oscillation on recruitment in the North Atlantic. <i>Marine Ecology - Progress Series</i> , 2006, 325, 227-241.	0.9	137
66	Dynamic effects of predators on cyclic voles: field experimentation and model extrapolation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 991-997.	1.2	135
67	Higher origination and extinction rates in larger mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6097-6102.	3.3	135
68	Multiannual Vole Cycles and Population Regulation during Long Winters: An Analysis of Seasonal Density Dependence. <i>American Naturalist</i> , 1999, 154, 129-139.	1.0	133
69	Cycles and trends in cod populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 5066-5071.	3.3	132
70	Genome architecture enables local adaptation of Atlantic cod despite high connectivity. <i>Molecular Ecology</i> , 2017, 26, 4452-4466.	2.0	130
71	Relationships between sex ratio, climate and density in red deer: the importance of spatial scale. <i>Journal of Animal Ecology</i> , 2000, 69, 959-974.	1.3	129
72	Relationships between biomass and plant species richness in arid-zone grazing lands. <i>Journal of Applied Ecology</i> , 2001, 38, 836-845.	1.9	127

#	ARTICLE	IF	CITATIONS
73	Population dynamics in changing environments: the case of an eruptive forest pest species. <i>Biological Reviews</i> , 2012, 87, 34-51.	4.7	127
74	The impact of specialized enemies on the dimensionality of host dynamics. <i>Nature</i> , 2001, 409, 1001-1006.	13.7	126
75	Trophic interactions under climate fluctuations: the Atlantic puffin as an example. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 1461-1466.	1.2	126
76	The relative role of winter and spring conditions: linking climate and landscape-scale plant phenology to alpine reindeer body mass. <i>Biology Letters</i> , 2005, 1, 24-26.	1.0	126
77	Delayed maturation in female bank voles: optimal decision or social constraint?. <i>Journal of Animal Ecology</i> , 1999, 68, 684-697.	1.3	125
78	The timing of life history events in a changing climate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 15-23.	1.2	125
79	Climatic warming disrupts recurrent Alpine insect outbreaks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 20576-20581.	3.3	125
80	Natural regulation of herbivorous forest insect populations. <i>Oecologia</i> , 1987, 71, 174-184.	0.9	124
81	Title is missing!. <i>Landscape Ecology</i> , 2000, 15, 535-546.	1.9	124
82	Seasonality, density dependence, and population cycles in Hokkaido voles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 11478-11483.	3.3	124
83	Preventing the collapse of the Baltic cod stock through an ecosystem-based management approach. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14722-14727.	3.3	124
84	King penguin population threatened by Southern Ocean warming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2493-2497.	3.3	123
85	The rise and fall of species: implications for macroevolutionary and macroecological studies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 2745-2752.	1.2	122
86	Coevolution in Ecosystems: Red Queen Evolution or Stasis?. <i>Evolution; International Journal of Organic Evolution</i> , 1984, 38, 870.	1.1	121
87	Food web structure and climate effects on the dynamics of small mammals and owls in semi-arid Chile. <i>Ecology Letters</i> , 2002, 5, 273-284.	3.0	120
88	Major pathways by which climate may force marine fish populations. <i>Journal of Marine Systems</i> , 2010, 79, 343-360.	0.9	120
89	Red Queen: from populations to taxa and communities. <i>Trends in Ecology and Evolution</i> , 2011, 26, 349-358.	4.2	119
90	Plague and Climate: Scales Matter. <i>PLoS Pathogens</i> , 2011, 7, e1002160.	2.1	119

#	ARTICLE	IF	CITATIONS
91	Environmental change and rates of evolution: the phylogeographic pattern within the hartebeest complex as related to climatic variation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 667-677.	1.2	118
92	EFFECTS OF DENSITY-DEPENDENT AND STOCHASTIC PROCESSES ON THE REGULATION OF COD POPULATIONS. <i>Ecology</i> , 2001, 82, 567-579.	1.5	118
93	A gradient from stable to cyclic populations of <i>Clethrionomys rufocanus</i> in Hokkaido, Japan. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1996, 263, 1117-1126.	1.2	117
94	Multiple glacial refugia in the North American Arctic: inference from phylogeography of the collared lemming ( <i>Dicrostonyx groenlandicus</i> ). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 2071-2077.	1.2	115
95	Ecological and genetic spatial structuring in the Canadian lynx. <i>Nature</i> , 2003, 425, 69-72.	13.7	115
96	Phylogeography of red deer ( <i>Cervus elaphus</i> ) in Europe. <i>Journal of Biogeography</i> , 2009, 36, 66-77.	1.4	115
97	New Perspectives on Sustainable Grazing Management in Arid Zones of Sub-Saharan Africa. <i>BioScience</i> , 2000, 50, 35.	2.2	114
98	Thousand-year-long Chinese time series reveals climatic forcing of decadal locust dynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16188-16193.	3.3	114
99	Life-history traits of voles in a fluctuating population respond to the immediate environment. <i>Nature</i> , 2001, 411, 1043-1045.	13.7	113
100	Timing and Synchrony of Ovulation in Red Deer Constrained by Short Northern Summers. <i>American Naturalist</i> , 2004, 163, 763-772.	1.0	113
101	Atlantic climate governs oceanographic and ecological variability in the Barents Sea. <i>Limnology and Oceanography</i> , 2001, 46, 1774-1780.	1.6	112
102	Four decades of opposing natural and human-induced artificial selection acting on Windermere pike ( <i>Esox lucius</i> ). <i>Ecology Letters</i> , 2007, 10, 512-521.	3.0	111
103	Human ectoparasites and the spread of plague in Europe during the Second Pandemic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1304-1309.	3.3	110
104	Long-term responses in arctic ungulate dynamics to changes in climatic and trophic processes. <i>Population Ecology</i> , 2002, 44, 113-120.	0.7	107
105	Population dynamics of the Indian meal moth: demographic stochasticity and delayed regulatory mechanisms. <i>Journal of Animal Ecology</i> , 1998, 67, 110-126.	1.3	106
106	Climate-driven variation in mosquito density predicts the spatiotemporal dynamics of dengue. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3624-3629.	3.3	105
107	Climate predictability and breeding phenology in red deer: timing and synchrony of rutting and calving in Norway and France. <i>Journal of Animal Ecology</i> , 2005, 74, 579-588.	1.3	104
108	Warming-induced shift in European mushroom fruiting phenology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14488-14493.	3.3	104

#	ARTICLE	IF	CITATIONS
109	A new geographical gradient in vole population dynamics. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 1547-1552.	1.2	103
110	Heterogeneity in individual quality overrides costs of reproduction in female reindeer. <i>Oecologia</i> , 2008, 156, 237-247.	0.9	103
111	Multiple causes of sexual segregation in European red deer: enlightenments from varying breeding phenology at high and low latitude. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 883-892.	1.2	102
112	Good reindeer mothers live longer and become better in raising offspring. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 1239-1244.	1.2	102
113	Pros and cons of using seabirds as ecological indicators. <i>Climate Research</i> , 2009, 39, 115-129.	0.4	102
114	The ideal free pike: 50 years of fitness-maximizing dispersal in Windermere. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 2917-2924.	1.2	100
115	Patterns of reproductive effort in male ungulates. <i>Journal of Zoology</i> , 2004, 264, 209-215.	0.8	99
116	Predator transitory spillover induces trophic cascades in ecological sinks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8185-8189.	3.3	98
117	Synergistic effects of fishing-induced demographic changes and climate variation on fish population dynamics. <i>Marine Ecology - Progress Series</i> , 2011, 426, 1-12.	0.9	96
118	Climate-driven range shifts of the king penguin in a fragmented ecosystem. <i>Nature Climate Change</i> , 2018, 8, 245-251.	8.1	95
119	Large-scale habitat variability, delayed density effects and red deer populations in Norway. <i>Journal of Animal Ecology</i> , 2002, 71, 569-580.	1.3	93
120	Lower Extinction Risk in Sleep-Deprived Mammals. <i>American Naturalist</i> , 2009, 173, 264-272.	1.0	93
121	Analysing multiple time series and extending significance testing in wavelet analysis. <i>Marine Ecology - Progress Series</i> , 2008, 359, 11-23.	0.9	93
122	Age-specific changes in different components of reproductive output in female reindeer: terminal allocation or senescence?. <i>Oecologia</i> , 2010, 162, 261-271.	0.9	92
123	Evolution of Optimal Group Attack, with Particular Reference to Bark Beetles (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.5	91
124	Drought-induced decline in Mediterranean truffle harvest. <i>Nature Climate Change</i> , 2012, 2, 827-829.	8.1	90
125	Density Dependence in Fluctuating Grey-Sided Vole Populations. <i>Journal of Animal Ecology</i> , 1997, 66, 14.	1.3	89
126	The response of terrestrial ecosystems to climate variability associated with the North Atlantic Oscillation. <i>Geophysical Monograph Series</i> , 2003, , 235-262.	0.1	89



#	ARTICLE	IF	CITATIONS
127	Climatically driven synchrony of gerbil populations allows large-scale plague outbreaks. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1963-1969.	1.2	89
128	Wolf reintroduction to Scotland: public attitudes and consequences for red deer management. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 995-1003.	1.2	89
129	Periodic climate cooling enhanced natural disasters and wars in China during AD 10â€“1900. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 3745-3753.	1.2	89
130	Fatal attraction: vegetation responses to nutrient inputs attract herbivores to infectious anthrax carcass sites. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141785.	1.2	89
131	The population dynamics of the vole <i>Clethrionomys rufocanus</i> in Hokkaido, Japan. <i>Researches on Population Ecology</i> , 1998, 40, 61-76.	0.9	88
132	Climate change and infectious diseases: Can we meet the needs for better prediction?. <i>Climatic Change</i> , 2013, 118, 625-640.	1.7	88
133	Interspecific and intraspecific competition as causes of direct and delayed density dependence in a fluctuating vole population. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 986-991.	3.3	87
134	Transport of North Sea cod larvae into the Skagerrak coastal populations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 1337-1344.	1.2	86
135	Convergent temporal dynamics of the human infant gut microbiota. <i>ISME Journal</i> , 2010, 4, 151-158.	4.4	86
136	Overfishing of top predators eroded the resilience of the Black Sea system regardless of the climate and anthropogenic conditions. <i>Global Change Biology</i> , 2011, 17, 1251-1265.	4.2	86
137	Shifting dynamic forces in fish stock fluctuations triggered by age truncation?. <i>Global Change Biology</i> , 2011, 17, 3046-3057.	4.2	85
138	Reconstruction of a 1,910-y-long locust series reveals consistent associations with climate fluctuations in China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 14521-14526.	3.3	85
139	The Cryptic African Wolf: <i>Canis aureus lupaster</i> Is Not a Golden Jackal and Is Not Endemic to Egypt. <i>PLoS ONE</i> , 2011, 6, e16385.	1.1	84
140	Ecometrics: The traits that bind the past and present together. <i>Integrative Zoology</i> , 2010, 5, 88-101.	1.3	83
141	Spawning stock and recruitment in North Sea cod shaped by food and climate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 504-510.	1.2	83
142	Dynamics of coastal cod populations: intra- and intercohort density dependence and stochastic processes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 1645-1654.	1.2	82
143	Demographic dynamics of a neotropical small rodent ( <i>Phyllotis darwini</i> ): feedback structure, predation and climatic factors. <i>Journal of Animal Ecology</i> , 2001, 70, 761-775.	1.3	82
144	Competition among fishermen and fish causes the collapse of Barents Sea capelin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 11679-11684.	3.3	82

#	ARTICLE	IF	CITATIONS
145	Food web dynamics affect Northeast Arctic cod recruitment. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 661-669.	1.2	81
146	Ecological forecasting under climate change: the case of Baltic cod. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 2121-2130.	1.2	81
147	Climate change and spring-fruited fungi. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 1169-1177.	1.2	81
148	History matters: ecometrics and integrative climate change biology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 1131-1140.	1.2	81
149	The role of biotic forces in driving macroevolution: beyond the Red Queen. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150186.	1.2	81
150	Long-term decrease in Asian monsoon rainfall and abrupt climate change events over the past 6,700 years. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	81
151	Temperature and rainfall anomalies in Africa predict timing of spring migration in trans-Saharan migratory birds. <i>Climate Research</i> , 2007, 35, 123-134.	0.4	81
152	Environmental gradients in the Turkwel riverine forest, Kenya: Hypotheses on dam-induced vegetation change. <i>Forest Ecology and Management</i> , 2005, 212, 184-198.	1.4	80
153	Reduced Rank Stochastic Regression with a Sparse Singular value Decomposition. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2012, 74, 203-221.	1.1	80
154	Spatial scale of genetic structuring in coastal cod <i>Gadus morhua</i> and geographic extent of local populations. <i>Marine Ecology - Progress Series</i> , 2007, 343, 229-237.	0.9	80
155	Egg distribution, bottom topography and small-scale cod population structure in a coastal marine system. <i>Marine Ecology - Progress Series</i> , 2007, 333, 249-255.	0.9	80
156	Climate and population density drive changes in cod body size throughout a century on the Norwegian coast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 1961-1966.	3.3	79
157	Seasonal forcing on the dynamics of <i>Clethrionomys rufocanus</i> : Modeling geographic gradients in population dynamics. <i>Researches on Population Ecology</i> , 1998, 40, 85-95.	0.9	78
158	Glacial survival of the Norwegian lemming ( <i>Lemmus lemmus</i> ) in Scandinavia: inference from mitochondrial DNA variation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 809-814.	1.2	78
159	ESTIMATING THE FUNCTIONAL FORM FOR THE DENSITY DEPENDENCE FROM LIFE HISTORY DATA. <i>Ecology</i> , 2008, 89, 1661-1674.	1.5	78
160	Temperature-Driven Regime Shifts in the Dynamics of Size-Structured Populations. <i>American Naturalist</i> , 2011, 177, 211-223.	1.0	76
161	Games academics play and their consequences: how authorship, <i>h</i> -index and journal impact factors are shaping the future of academia. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20192047.	1.2	75
162	Constraints to projecting the effects of climate change on mammals. <i>Climate Research</i> , 2006, 32, 151-158.	0.4	75

#	ARTICLE	IF	CITATIONS
163	Nonlinear effect of climate on plague during the third pandemic in China. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10214-10219.	3.3	74
164	Spores and soil from six sides: interdisciplinarity and the environmental biology of anthrax ( <i>Bacillus anthracis</i> ). Biological Reviews, 2018, 93, 1813-1831.	4.7	74
165	A general version of optimal foraging theory: The effect of simultaneous encounters. Theoretical Population Biology, 1984, 26, 192-204.	0.5	73
166	Large-scale sequence analyses of Atlantic cod. New Biotechnology, 2009, 25, 263-271.	2.4	73
167	Extrinsic Modification of Vertebrate Sex Ratios by Climatic Variation. American Naturalist, 1999, 154, 194-204.	1.0	72
168	Complex interplays among population dynamics, environmental forcing, and exploitation in fisheries. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5420-5425.	3.3	72
169	Urbanization prolongs hantavirus epidemics in cities. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4707-4712.	3.3	72
170	Spatial Heterogeneity and Population Stability: Some Evolutionary Consequences. Oikos, 1980, 35, 165.	1.2	71
171	Modelling non-additive and nonlinear signals from climatic noise in ecological time series: Soay sheep as an example. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 1985-1993.	1.2	71
172	Snow conditions may create an invisible barrier for lynx. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10632-10634.	3.3	71
173	DENSITY DEPENDENCE AND DENSITY INDEPENDENCE DURING THE EARLY LIFE STAGES OF FOUR MARINE FISH STOCKS. Ecology, 2007, 88, 625-634.	1.5	71
174	The biology of the vole ( <i>Clethrionomys rufocanus</i> ): A review. Researches on Population Ecology, 1998, 40, 21-37.	0.9	70
175	Phase- and density-dependent population dynamics in Norwegian lemmings: interaction between deterministic and stochastic processes. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 1957-1968.	1.2	70
176	Does increasing mortality change the response of fish populations to environmental fluctuations?. Ecology Letters, 2012, 15, 658-665.	3.0	70
177	Twelve Years of Change in Coastal Upwelling along the Central-Northern Coast of Chile: Spatially Heterogeneous Responses to Climatic Variability. PLoS ONE, 2014, 9, e90276.	1.1	70
178	Population dynamics of <i>Clethrionomys glareolus</i> and <i>Apodemus flavicollis</i> : seasonal components of density dependence and density independence. Acta Theriologica, 2002, 47, 39-67.	1.1	69
179	CHIHUAHUAN DESERT KANGAROO RATS: NONLINEAR EFFECTS OF POPULATION DYNAMICS, COMPETITION, AND RAINFALL. Ecology, 2008, 89, 2594-2603.	1.5	69
180	Integrative approach using <i>Yersinia pestis</i> genomes to revisit the historical landscape of plague during the Medieval Period. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11790-E11797.	3.3	68

#	ARTICLE	IF	CITATIONS
181	Climate-dependent allocation of resources to secondary sexual traits in red deer. <i>Oikos</i> , 2005, 111, 245-252.	1.2	67
182	Monitoring Population Size of Red Deer <i>Cervus Elaphus</i> : An Evaluation of Two Types of Census Data from Norway. <i>Wildlife Biology</i> , 2007, 13, 285-298.	0.6	67
183	Interannual cycles of Hantaan virus outbreaks at the humanâ€“animal interface in Central China are controlled by temperature and rainfall. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8041-8046.	3.3	67
184	Towards an acousticâ€“based coupled observation and modelling system for monitoring and predicting ecosystem dynamics of the open ocean. <i>Fish and Fisheries</i> , 2013, 14, 605-615.	2.7	66
185	Temporal shifts in recruitment dynamics of North Atlantic fish stocks: effects of spawning stock and temperature. <i>Marine Ecology - Progress Series</i> , 2013, 480, 205-225.	0.9	66
186	Ancient DNA reveals the Arctic origin of Viking Age cod from Haithabu, Germany. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9152-9157.	3.3	66
187	Indirect climatic forcing of the Barents Sea capelin: a cohort effect. <i>Marine Ecology - Progress Series</i> , 2004, 273, 229-238.	0.9	66
188	Cryptic population structure in a large, mobile mammalian predator: the Scandinavian lynx. <i>Molecular Ecology</i> , 2003, 12, 2623-2633.	2.0	65
189	Economic repercussions of fisheries-induced evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12259-12264.	3.3	65
190	SPATIAL ANATOMY OF SPECIES SURVIVAL: EFFECTS OF PREDATION AND CLIMATE-DRIVEN ENVIRONMENTAL VARIABILITY. <i>Ecology</i> , 2007, 88, 635-646.	1.5	64
191	Smallâ€“scale biocomplexity in coastal Atlantic cod supporting a Darwinian perspective on fisheries management. <i>Evolutionary Applications</i> , 2008, 1, 524-533.	1.5	64
192	Spatial variation in biodiversity loss across China under multiple environmental stressors. <i>Science Advances</i> , 2020, 6, .	4.7	64
193	Mapping the regional transition to cyclicity in <i>Clethrionomys rufocanus</i> : Spectral densities and functional data analysis. <i>Researches on Population Ecology</i> , 1998, 40, 77-84.	0.9	63
194	Hydrography of the southern Bay of Biscay shelf-break region: Integrating the multiscale physical variability over the period 1993â€“2003. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	63
195	Testing five hypotheses of sexual segregation in an arctic ungulate. <i>Journal of Animal Ecology</i> , 2006, 75, 485-496.	1.3	63
196	Roles of density-dependent growth and life history evolution in accounting for fisheries-induced trait changes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 15030-15035.	3.3	63
197	Population dynamics of a South American rodent: seasonal structure interacting with climate, density dependence and predator effects. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 2579-2586.	1.2	62
198	Decelerating and sex-dependent tooth wear in Norwegian red deer. <i>Oecologia</i> , 2003, 135, 346-353.	0.9	62

#	ARTICLE	IF	CITATIONS
199	Regime shifts in the breeding of an Atlantic puffin population. <i>Ecology Letters</i> , 2004, 7, 388-394.	3.0	62
200	DENSITY DEPENDENCE IN NORTH AMERICAN DUCKS. <i>Ecology</i> , 2005, 86, 245-254.	1.5	62
201	Natal dispersal, interactions among siblings and intrasexual competition. <i>Behavioral Ecology</i> , 2006, 17, 733-740.	1.0	62
202	Small-scale genetic structure in a marine population in relation to water circulation and egg characteristics. <i>Ecology</i> , 2010, 91, 2918-2930.	1.5	62
203	Dynamics of the plague-wildlife-human system in Central Asia are controlled by two epidemiological thresholds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 14527-14532.	3.3	62
204	Demographic strategies in fluctuating populations of small rodents. <i>Oecologia</i> , 1978, 33, 149-172.	0.9	61
205	Climatic change as an engine for speciation in flightless Orthoptera species inhabiting African mountains. <i>Molecular Ecology</i> , 2009, 18, 93-108.	2.0	61
206	Hierarchical path analysis of deer responses to direct and indirect effects of climate in northern forest. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 2357-2366.	1.8	61
207	Lethal exposure: An integrated approach to pathogen transmission via environmental reservoirs. <i>Scientific Reports</i> , 2016, 6, 27311.	1.6	61
208	Genomic stability through time despite decades of exploitation in cod on both sides of the Atlantic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	61
209	DENSITY-DEPENDENT COMPENSATION IN BLOWFLY POPULATIONS GIVE INDIRECTLY POSITIVE EFFECTS OF A TOXICANT. <i>Ecology</i> , 2002, 83, 1597-1603.	1.5	60
210	Human plague in the USA: the importance of regional and local climate. <i>Biology Letters</i> , 2008, 4, 737-740.	1.0	60
211	Home range of European lobster ( <i>Homarus gammarus</i> ) in a marine reserve: implications for future reserve design. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011, 68, 1197-1210.	0.7	60
212	Phase transitions in marine fish recruitment processes. <i>Ecological Complexity</i> , 2005, 2, 205-218.	1.4	59
213	From genes to populations: how fisheries-induced evolution alters stock productivity. <i>Ecological Applications</i> , 2015, 25, 1860-1868.	1.8	59
214	Characterizing bird migration phenology using data from standardized monitoring at bird observatories. <i>Climate Research</i> , 2007, 35, 59-77.	0.4	59
215	Reproductive Effort and Optimal Reproductive Rates in Small Rodents. <i>Oikos</i> , 1980, 34, 23.	1.2	58
216	Continuous and discrete extreme climatic events affecting the dynamics of a high-arctic reindeer population. <i>Oecologia</i> , 2005, 145, 556-563.	0.9	58

#	ARTICLE	IF	CITATIONS
217	Nine decades of decreasing phenotypic variability in Atlantic cod. <i>Ecology Letters</i> , 2009, 12, 622-631.	3.0	58
218	Mushroom's spore size and time of fruiting are strongly related: is moisture important?. <i>Biology Letters</i> , 2011, 7, 273-276.	1.0	58
219	The ecological dynamics of hantavirus diseases: From environmental variability to disease prevention largely based on data from China. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0006901.	1.3	58
220	Divided the fruitflies fall. <i>Nature</i> , 1989, 342, 21-22.	13.7	57
221	Modeling the epidemiological history of plague in Central Asia: Palaeoclimatic forcing on a disease system over the past millennium. <i>BMC Biology</i> , 2010, 8, 112.	1.7	57
222	Ethnolinguistic structuring of sorghum genetic diversity in Africa and the role of local seed systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14100-14105.	3.3	57
223	King penguin demography since the last glaciation inferred from genome-wide data. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140528.	1.2	57
224	Interactions between demography and environmental effects are important determinants of population dynamics. <i>Science Advances</i> , 2017, 3, e1602298.	4.7	57
225	Spatial patterns of the temporal dynamics of three gadoid species along the Norwegian Skagerrak coast. <i>Marine Ecology - Progress Series</i> , 1997, 155, 209-222.	0.9	57
226	Long-term fluctuations in cod and pollack along the Norwegian Skagerrak coast. <i>Marine Ecology - Progress Series</i> , 1998, 162, 265-278.	0.9	57
227	Activity pattern of arctic reindeer in a predator-free environment: no need to keep a daily rhythm. <i>Oecologia</i> , 2007, 152, 617-624.	0.9	56
228	Plague: A Disease Which Changed the Path of Human Civilization. <i>Advances in Experimental Medicine and Biology</i> , 2016, 918, 1-26.	0.8	56
229	Reconciling taxon senescence with the Red Queen's hypothesis. <i>Nature</i> , 2017, 552, 92-95.	13.7	56
230	Interaction Dynamics of Bark Beetle Aggregation and Conifer Defense Rates. <i>Oikos</i> , 1989, 56, 256.	1.2	55
231	Stage-specific biomass overcompensation by juveniles in response to increased adult mortality in a wild fish population. <i>Ecology</i> , 2011, 92, 2175-2182.	1.5	55
232	Introducing the Scientific Consensus on Maintaining Humanity's Life Support Systems in the 21st Century: Information for Policy Makers. <i>Infrastructure Asset Management</i> , 2014, 1, 78-109.	1.2	55
233	The Third Plague Pandemic in Europe. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182429.	1.2	55
234	Population dynamics of small mammals in semi-arid regions: a comparative study of demographic variability in two rodent species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 1997-2007.	1.2	54

#	ARTICLE	IF	CITATIONS
235	Moose harvesting strategies in the presence of wolves. <i>Journal of Applied Ecology</i> , 2005, 42, 389-399.	1.9	54
236	Recruitment of walleye pollock in a physically and biologically complex ecosystem: A new perspective. <i>Progress in Oceanography</i> , 2005, 67, 24-42.	1.5	54
237	Bathymetric barriers promoting genetic structure in the deepwater demersal fish tusk ( <i>Brosme</i> ). <i>Journal of Applied Ecology</i> , 2005, 42, 1078-1087.	2.0	54
238	Where Have All the Species Gone? On the Nature of Extinction and the Red Queen Hypothesis. <i>Oikos</i> , 1979, 33, 196.	1.2	53
239	Snowshoe Hare Populations: Squeezed from Below and Above. <i>Science</i> , 1995, 269, 1061-1062.	6.0	53
240	Social rank, feeding and winter weight loss in red deer: any evidence of interference competition?. <i>Oecologia</i> , 2004, 138, 135-142.	0.9	53
241	Climate change causing phase transitions of walleye pollock ( <i>Theragra chalcogramma</i> ) recruitment dynamics. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 1735-1743.	1.2	53
242	Wet climate and transportation routes accelerate spread of human plague. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20133159.	1.2	53
243	Fish and oil in the Lofoten-Barents Sea system: synoptic review of the effect of oil spills on fish populations. <i>Marine Ecology - Progress Series</i> , 2007, 339, 283-299.	0.9	53
244	Microtine Density and Weather as Predictors of Chick Production in Willow Ptarmigan, <i>Lagopus l. lagopus</i> . <i>Oikos</i> , 1988, 51, 367.	1.2	52
245	DENSITY DEPENDENCE IN VOLES AND MICE: A COMPARATIVE STUDY. <i>Ecology</i> , 1999, 80, 638-650.	1.5	52
246	Climate and fishing steer ecosystem regeneration to uncertain economic futures. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142809.	1.2	52
247	The demography of <i>Clethrionomys rufocanus</i> : From mathematical and statistical models to further field studies. <i>Researches on Population Ecology</i> , 1998, 40, 107-121.	0.9	51
248	Periodic temperature-associated drought/flood drives locust plagues in China. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 823-831.	1.2	51
249	Actions on sustainable food production and consumption for the post-2020 global biodiversity framework. <i>Science Advances</i> , 2021, 7, .	4.7	51
250	On the Evolution of Reproductive Rates in Microtine Rodents. <i>Ecology</i> , 1985, 66, 1795-1808.	1.5	50
251	Limit cycles in Norwegian lemmings: tensions between phase-dependence and density-dependence. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997, 264, 31-38.	1.2	50
252	Comparing strategies for controlling an African pest rodent: an empirically based theoretical study. <i>Journal of Applied Ecology</i> , 2001, 38, 1020-1031.	1.9	50

#	ARTICLE	IF	CITATIONS
253	From The Cover: The effect of climatic forcing on population synchrony and genetic structuring of the Canadian lynx. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 6056-6061.	3.3	50
254	Ecological and genetic impact of Atlantic cod larval drift in the Skagerrak. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 1085-1092.	1.2	50
255	Spare the Young Fish: Optimal Harvesting Policies for North-East Arctic Cod. <i>Environmental and Resource Economics</i> , 2010, 47, 455-475.	1.5	50
256	Spatiotemporal statistical analyses reveal predator-driven zooplankton fluctuations in the Barents Sea. <i>Progress in Oceanography</i> , 2014, 120, 243-253.	1.5	50
257	Human plague: An old scourge that needs new answers. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008251.	1.3	50
258	Sub-saharan desertification and productivity are linked to hemispheric climate variability. <i>Global Change Biology</i> , 2001, 7, 241-246.	4.2	49
259	Consensus on climate change. <i>Trends in Ecology and Evolution</i> , 2005, 20, 648-649.	4.2	49
260	Population genetic structure in the North Atlantic Greenland halibut ( <i>Reinhardtius tjeleii</i> ). <i>Aquatic Sciences</i> , 2007, 64, 857-866.	0.7	49
261	Historical records reveal the distinctive associations of human disturbance and extreme climate change with local extinction of mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19001-19008.	3.3	49
262	On the evolutionary stability of the female-biased sex ratio in the wood lemming ( <i>Myopus poliocephalus</i> ). <i>Evolutionary Ecology</i> , 2000, 14, 382-388.	1.2	48
263	Survival variation within and between functional categories of the African multimammate rat. <i>Journal of Animal Ecology</i> , 1999, 68, 550-561.	1.3	48
264	Chronoecology: New Light Through Old Windows – A Conclusion. <i>Ecological Studies</i> , 2000, , 275-284.	0.4	48
265	Effects of food addition on the seasonal density-dependent structure of bank vole ( <i>Clethrionomys glareolus</i> ) populations. <i>Journal of Animal Ecology</i> , 2001, 70, 713-720.	1.3	48
266	Life-history variation among local populations of Atlantic cod from the Norwegian Skagerrak coast. <i>Journal of Fish Biology</i> , 2004, 64, 1725-1730.	0.7	48
267	Traditional Ecological Knowledge of a Riverine Forest in Turkana, Kenya: Implications for Research and Management. <i>Biodiversity and Conservation</i> , 2007, 16, 1471-1489.	1.2	48
268	Effects of Climate Change on Trait-Based Dynamics of a Top Predator in Freshwater Ecosystems. <i>American Naturalist</i> , 2014, 183, 243-256.	1.0	48
269	Impacts of habitat loss and fragmentation on the activity budget, ranging ecology and habitat use of Bale monkeys ( <i>Chlorocebus djamdjamensis</i> ) in the southern Ethiopian Highlands. <i>American Journal of Primatology</i> , 2017, 79, e22644.	0.8	48
270	Catastrophic dynamics limit Atlantic cod recovery. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182877.	1.2	48



#	ARTICLE	IF	CITATIONS
271	A long-term perspective on the Chrysochromulina bloom on the Norwegian Skagerrak coast 1988: a catastrophe or an innocent incident?. <i>Marine Ecology - Progress Series</i> , 2000, 207, 201-218.	0.9	48
272	The Tropics: Cradle or Museum?. <i>Oikos</i> , 1984, 43, 417.	1.2	47
273	Population dynamics of large and small mammals. <i>Oikos</i> , 2001, 92, 3-12.	1.2	47
274	Home range and elevated egg densities within an inshore spawning ground of coastal cod. <i>ICES Journal of Marine Science</i> , 2007, 64, 920-928.	1.2	47
275	Contemporary ocean warming and freshwater conditions are related to later sea age at maturity in Atlantic salmon spawning in Norwegian rivers. <i>Ecology and Evolution</i> , 2012, 2, 2192-2203.	0.8	47
276	Do Grazers Maximize Individual Plant Fitness?. <i>Oikos</i> , 1978, 31, 299.	1.2	46
277	Spatio-temporal patterns of mink and muskrat in Canada during a quarter century. <i>Journal of Animal Ecology</i> , 2001, 70, 671-682.	1.3	46
278	Trophic interactions in population cycles of voles and lemmings: A model-based synthesis. <i>Advances in Ecological Research</i> , 2003, 33, 75-160.	1.4	46
279	Destabilized fish stocks. <i>Nature</i> , 2008, 452, 825-826.	13.7	46
280	The timing of male reproductive effort relative to female ovulation in a capital breeder. <i>Journal of Animal Ecology</i> , 2008, 77, 469-477.	1.3	46
281	Body downsizing caused by non-consumptive social stress severely depresses population growth rate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 843-851.	1.2	46
282	Risk and vulnerability of Mongolian grasslands under climate change. <i>Environmental Research Letters</i> , 2021, 16, 034035.	2.2	46
283	Early onset of reproductive senescence in domestic sheep <i>Ovis aries</i> . <i>Oikos</i> , 2002, 97, 177-183.	1.2	45
284	DENSITY DEPENDENCE AND DENSITY INDEPENDENCE IN THE DEMOGRAPHY AND DISPERSAL OF PIKE OVER FOUR DECADES. <i>Ecological Monographs</i> , 2007, 77, 483-502.	2.4	45
285	A NEW TEST FOR DENSITY-DEPENDENT SURVIVAL: THE CASE OF COASTAL COD POPULATIONS. <i>Ecology</i> , 1999, 80, 1278-1288.	1.5	44
286	Survival in fluctuating bank vole populations: seasonal and yearly variations. <i>Oikos</i> , 2002, 98, 467-479.	1.2	44
287	Population ecology and conservation of endangered megafauna: the case of European bison in Bia?owie?a Primeval Forest, Poland. <i>Animal Conservation</i> , 2007, 10, 77-87.	1.5	44
288	Maternal influences on offspring size variation and viability in wild European lobster <i>Homarus gammarus</i> . <i>Marine Ecology - Progress Series</i> , 2010, 400, 165-173.	0.9	44

#	ARTICLE	IF	CITATIONS
289	Nutrient reduction and climate change cause a potential shift from pelagic to benthic pathways in a eutrophic marine ecosystem. <i>Global Change Biology</i> , 2012, 18, 3491-3503.	4.2	44
290	Linking climate change to population cycles of hares and lynx. <i>Global Change Biology</i> , 2013, 19, 3263-3271.	4.2	44
291	Elevational range shifts in four mountain ungulate species from the Alps. <i>Ecosphere</i> , 2017, 8, e01761.	1.0	44
292	Changes in selection and evolutionary responses in migratory brown trout following the construction of a fish ladder. <i>Evolutionary Applications</i> , 2008, 1, 319-335.	1.5	43
293	Direct and indirect climate forcing in a multi-species marine system. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 3411-3420.	1.2	43
294	Full circumpolar migration ensures evolutionary unity in the Emperor penguin. <i>Nature Communications</i> , 2016, 7, 11842.	5.8	43
295	Assessing the role of live poultry trade in community-structured transmission of avian influenza in China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5949-5954.	3.3	43
296	Quantifying the Ocean, Freshwater and Human Effects on Year-to-Year Variability of One-Sea-Winter Atlantic Salmon Angled in Multiple Norwegian Rivers. <i>PLoS ONE</i> , 2011, 6, e24005.	1.1	43
297	Metastability of forest ecosystems infested by bark beetles. <i>Researches on Population Ecology</i> , 1984, 26, 13-29.	0.9	42
298	The dynamics of <i>Chrysochromulina</i> species in the Skagerrak in relation to environmental conditions. <i>Journal of Sea Research</i> , 2005, 54, 15-24.	0.6	42
299	On evolutionarily stable strategies. <i>Journal of Theoretical Biology</i> , 1984, 108, 491-508.	0.8	41
300	Phase coupling and synchrony in the spatiotemporal dynamics of muskrat and mink populations across Canada. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 13149-13154.	3.3	41
301	Transcriptional Regulation in Liver and Testis Associated with Developmental and Reproductive Effects in Male Zebrafish Exposed to Natural Mixtures of Persistent Organic Pollutants (POP). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2009, 72, 112-130.	1.1	41
302	Anthropogenically driven environmental changes shift the ecological dynamics of hemorrhagic fever with renal syndrome. <i>PLoS Pathogens</i> , 2017, 13, e1006198.	2.1	41
303	On Chitty's theory for fluctuating populations: The importance of genetic polymorphism in the generation of regular density cycles. <i>Journal of Theoretical Biology</i> , 1981, 90, 9-36.	0.8	40
304	Relationship between increase rate of human plague in China and global climate index as revealed by cross-spectral and cross-wavelet analyses. <i>Integrative Zoology</i> , 2007, 2, 144-153.	1.3	40
305	Conservation, Spillover and Gene Flow within a Network of Northern European Marine Protected Areas. <i>PLoS ONE</i> , 2013, 8, e73388.	1.1	40
306	Mechanisms for delayed density-dependent reproductive traits in field voles, <i>Microtus agrestis</i> : the importance of inherited environmental effects. <i>Oikos</i> , 2001, 95, 185-197.	1.2	39

#	ARTICLE	IF	CITATIONS
307	Effects of a toxicant on population growth rates: sublethal and delayed responses in blowfly populations. <i>Functional Ecology</i> , 2001, 15, 712-721.	1.7	39
308	Phenological and geographical patterns of walleye pollock ( <i>Theragra chalcogramma</i> ) spawning in the western Gulf of Alaska. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2007, 64, 713-722.	0.7	39
309	Age-specific feeding cessation in male red deer during rut. <i>Journal of Zoology</i> , 2008, 275, 407-412.	0.8	39
310	Testing for effects of climate change on competitive relationships and coexistence between two bird species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20141958.	1.2	39
311	Causes and Consequences of Past and Projected Scandinavian Summer Temperatures, 500â€“2100 AD. <i>PLoS ONE</i> , 2011, 6, e25133.	1.1	39
312	Habitat effects on population connectivity in a coastal seascape. <i>Marine Ecology - Progress Series</i> , 2014, 511, 153-163.	0.9	39
313	Seasonal plankton dynamics along a cross-shelf gradient. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 2831-2838.	1.2	38
314	The influence of advection on <i>Calanus</i> near Svalbard: statistical relations between salinity, temperature and copepod abundance. <i>Journal of Plankton Research</i> , 2007, 29, 903-911.	0.8	38
315	Antagonistic selection from predators and pathogens alters food-web structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 19792-19796.	3.3	38
316	Quantitative Trait Evolution and Environmental Change. <i>PLoS ONE</i> , 2009, 4, e4521.	1.1	38
317	Seasonal effects of Pacific-based climate on recruitment in a predator-limited large herbivore. <i>Journal of Animal Ecology</i> , 2010, 79, 471-482.	1.3	38
318	Rediscovering a forgotten canid species. <i>BMC Zoology</i> , 2017, 2, .	0.3	38
319	COMPENSATORY GROWTH OF THE AFRICAN DWARF SHRUB <i>INDIGOFERA SPINOSA</i> FOLLOWING SIMULATED HERBIVORY. , 2000, 10, 1133-1146.		37
320	Phylogeography and mitochondrial DNA (mtDNA) diversity in North American collared lemmings ( <i>Dicrostonyx groenlandicus</i> ). <i>Molecular Ecology</i> , 2000, 9, 329-337.	2.0	37
321	Scale-dependent effects of grazing on rangeland degradation in northern Kenya: a test of equilibrium and non-equilibrium hypotheses. <i>Land Degradation and Development</i> , 2003, 14, 83-94.	1.8	37
322	Characterizing mixed microbial population dynamics using time-series analysis. <i>ISME Journal</i> , 2008, 2, 707-715.	4.4	37
323	Dietary flexibility of Bale monkeys ( <i>Chlorocebus djamdjamensis</i> ) in southern Ethiopia: effects of habitat degradation and life in fragments. <i>BMC Ecology</i> , 2018, 18, 4.	3.0	37
324	The North Atlantic Oscillation and ecology: links between historical time-series, and lessons regarding future climate warming. <i>Climate Research</i> , 2007, 34, 259-262.	0.4	37

#	ARTICLE	IF	CITATIONS
325	Effects of environmental conditions on the seasonal distribution of phytoplankton biomass in the North Sea. <i>Limnology and Oceanography</i> , 2009, 54, 512-524.	1.6	36
326	Web of ecological interactions in an experimental gut microbiota. <i>Environmental Microbiology</i> , 2010, 12, 2677-2687.	1.8	36
327	Large-Scale Genetic Structuring of a Widely Distributed Carnivore - The Eurasian Lynx ( <i>Lynx lynx</i> ). <i>PLoS ONE</i> , 2014, 9, e93675.	1.1	36
328	European springtime temperature synchronises ibex horn growth across the eastern Swiss Alps. <i>Ecology Letters</i> , 2014, 17, 303-313.	3.0	36
329	Ecological non-monotonicity and its effects on complexity and stability of populations, communities and ecosystems. <i>Ecological Modelling</i> , 2015, 312, 374-384.	1.2	36
330	LENGTH DYNAMICS IN JUVENILE COASTAL SKAGERRAK COD: EFFECTS OF BIOTIC AND ABIOTIC PROCESSES. <i>Ecology</i> , 2002, 83, 1676-1688.	1.5	35
331	The population dynamics of Northeast Arctic cod ( <i>Gadus morhua</i> ) through two decades: an analysis based on survey data. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2004, 61, 1747-1755.	0.7	35
332	Interannual Variability of Human Plague Occurrence in the Western United States Explained by Tropical and North Pacific Ocean Climate Variability. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 83, 624-632.	0.6	35
333	Truffles and climate change. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 150-151.	1.9	35
334	DNA Metabarcoding Reveals Diet Overlap between the Endangered Walia Ibex and Domestic Goats - Implications for Conservation. <i>PLoS ONE</i> , 2016, 11, e0159133.	1.1	35
335	Transmission dynamics of re-emerging rabies in domestic dogs of rural China. <i>PLoS Pathogens</i> , 2018, 14, e1007392.	2.1	35
336	Plague reservoir species throughout the world. <i>Integrative Zoology</i> , 2021, 16, 820-833.	1.3	35
337	Ocean climate prior to breeding affects the duration of the nestling period in the Atlantic puffin. <i>Biology Letters</i> , 2006, 2, 628-631.	1.0	34
338	Unnatural selection. <i>Nature</i> , 2009, 457, 803-804.	13.7	34
339	Pathogen-induced rapid evolution in a vertebrate life-history trait. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 35-41.	1.2	34
340	Contrasting evolutionary demography induced by fishing: the role of adaptive phenotypic plasticity. , 2014, 24, 1101-1114.		34
341	Circumpolar phylogeography of the northern pike ( <i>Esox lucius</i> ) and its relationship to the Amur pike ( <i>E. reichertii</i> ). <i>Frontiers in Zoology</i> , 2014, 11, .	0.9	34
342	On the interaction between stabilizing social factors and destabilizing trophic factors in small rodent populations. <i>Theoretical Population Biology</i> , 1986, 29, 365-384.	0.5	33

#	ARTICLE	IF	CITATIONS
343	Demography and population dynamics of the mouse opossum ( <i>Thylamys elegans</i> ) in semi-arid Chile: seasonality, feedback structure and climate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 2053-2064.	1.2	33
344	Harvest-induced disruptive selection increases variance in fitness-related traits. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 4163-4171.	1.2	33
345	Identification of Chinese plague foci from long-term epidemiological data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8196-8201.	3.3	33
346	The trophic responses of two different rodent-“vector” plague systems to climate change. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20141846.	1.2	33
347	Global COVID-19 pandemic demands joint interventions for the suppression of future waves. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26151-26157.	3.3	33
348	ON THE EVOLUTION OF PSEUDOGAMY. <i>Evolution; International Journal of Organic Evolution</i> , 1985, 39, 294-307.	1.1	32
349	Genetic structure of Siberian lemmings ( <i>Lemmus sibiricus</i> ) in a continuous habitat: large patches rather than isolation by distance. <i>Heredity</i> , 2001, 86, 716-730.	1.2	32
350	Population effects and changes in life history traits in relation to phase transitions induced by long-term fishery harvesting: European hake ( <i>Merluccius merluccius</i> ) off the Balearic Islands. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2009, 66, 1355-1370.	0.7	32
351	Stochasticity and Determinism: How Density-Independent and Density-Dependent Processes Affect Population Variability. <i>PLoS ONE</i> , 2014, 9, e98940.	1.1	32
352	Effect of a fish stock's demographic structure on offspring survival and sensitivity to climate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1347-1352.	3.3	32
353	Desert locust populations, rainfall and climate change: insights from phenomenological models using gridded monthly data. <i>Climate Research</i> , 2010, 43, 229-239.	0.4	32
354	How to Control Pest Species: Application of Models from the Theory of Island Biogeography in Formulating Pest Control Strategies. <i>Journal of Applied Ecology</i> , 1981, 18, 773.	1.9	31
355	Bootstrap estimated uncertainty of the dominant Lyapunov exponent for Holarctic microtine rodents. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1995, 261, 159-165.	1.2	31
356	Spatio-temporal dynamics of species richness in coastal fish communities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 1781-1789.	1.2	31
357	Feedback structures of northern small rodent populations. <i>Oikos</i> , 2006, 112, 555-564.	1.2	31
358	Living with plague: Lessons from the Soviet Union’s antiplague system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9155-9163.	3.3	31
359	A genomic and historical synthesis of plague in 18th century Eurasia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28328-28335.	3.3	31
360	Toward a holistic understanding of pastoralism. <i>One Earth</i> , 2021, 4, 651-665.	3.6	31

#	ARTICLE	IF	CITATIONS
361	Growth performance of exotic and indigenous tree species in saline soils in Turkana, Kenya. <i>Journal of Arid Environments</i> , 2001, 47, 499-511.	1.2	30
362	Spatial structure of lemming populations ( <i>Dicrostonyx groenlandicus</i> ) fluctuating in density. <i>Molecular Ecology</i> , 2001, 10, 481-495.	2.0	30
363	Non-cooperative exploitation of multi-cohort fisheriesâ€”The role of gear selectivity in the North-East Arctic cod fishery. <i>Resources and Energy Economics</i> , 2010, 32, 78-92.	1.1	30
364	Trophic interactions affecting a key ecosystem component: a multistage analysis of the recruitment of the Barents Sea capelin ( <i>Mallotus villosus</i> ). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2010, 67, 1363-1375.	0.7	30
365	Trees Wantedâ€”Dead or Alive! Host Selection and Population Dynamics in Tree-Killing Bark Beetles. <i>PLoS ONE</i> , 2011, 6, e18274.	1.1	30
366	Emergence, spread, persistence and fade-out of sylvatic plague in Kazakhstan. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 2915-2923.	1.2	30
367	A combination of hydrodynamical and statistical modelling reveals non-stationary climate effects on fish larvae distributions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 275-283.	1.2	30
368	Evolutionary selection of biofilm-mediated extended phenotypes in <i>Yersinia pestis</i> in response to a fluctuating environment. <i>Nature Communications</i> , 2020, 11, 281.	5.8	30
369	Activity patterns of wild European lobster <i>Homarus gammarus</i> in coastal marine reserves: implications for future reserve design. <i>Marine Ecology - Progress Series</i> , 2011, 429, 197-207.	0.9	30
370	On the economic benefit of predicting rodent outbreaks in agricultural systems. <i>Crop Protection</i> , 2004, 23, 305-314.	1.0	29
371	Six decades of pike and perch population dynamics in Windermere. <i>Fisheries Research</i> , 2011, 109, 131-139.	0.9	29
372	An additional step in the transmission of <i>Yersinia pestis</i> ?. <i>ISME Journal</i> , 2012, 6, 231-236.	4.4	29
373	Newly Discovered Bale Monkey Populations in Forest Fragments in Southern Ethiopia: Evidence of Crop Raiding, Hybridization With Grivets, and Other Conservation Threats. <i>American Journal of Primatology</i> , 2012, 74, 423-432.	0.8	29
374	Spatial variability of the plankton trophic interaction in the North Sea: a new feature after the early 1970s. <i>Global Change Biology</i> , 2012, 18, 106-117.	4.2	29
375	Fundamental populationâ€”productivity relationships can be modified through densityâ€”dependent feedbacks of lifeâ€”history evolution. <i>Evolutionary Applications</i> , 2014, 7, 1218-1225.	1.5	29
376	Long live the alien: is high genetic diversity a pivotal aspect of crested porcupine ( <i>Hystrix</i> )? <i>Journal of Biogeography</i> , 2014, 41, 142-150.	2.0	29
377	Spatio-temporal patterns in diversity of a fish assemblage along the Norwegian Skagerrak coast. <i>Marine Ecology - Progress Series</i> , 1999, 178, 17-27.	0.9	29
378	Dispersal and the microtine cycle: comparison of two hypotheses. <i>Oecologia</i> , 1985, 65, 468-477.	0.9	28

#	ARTICLE	IF	CITATIONS
379	Divergent trends in anadromous salmonid populations in Norwegian and Scottish rivers. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 1021-1027.	1.2	28
380	Scale-dependent climatic drivers of human epidemics in ancient China. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12970-12975.	3.3	28
381	Grasses, Grazers, Mutualism and Coevolution: A Comment about Handwaving in Ecology. Oikos, 1983, 41, 152.	1.2	27
382	On the Evolution of Pseudogamy. Evolution; International Journal of Organic Evolution, 1985, 39, 294.	1.1	27
383	Ecological and Evolutionary Stability of Sperm-Dependent Parthenogenesis: Effects of Partial Niche Overlap between Sexual and Asexual Females. Evolution; International Journal of Organic Evolution, 1990, 44, 698.	1.1	27
384	Voies and lemmings: chaos and uncertainty in fluctuating populations. Proceedings of the Royal Society B: Biological Sciences, 1995, 262, 363-370.	1.2	27
385	Frontiers in population ecology of microtine rodents: A pluralistic approach to the study of population ecology. Researches on Population Ecology, 1998, 40, 5-20.	0.9	27
386	Geographic variation in population cycles of Canadian muskrats ( <i>Ondatra zibethicus</i> ). Canadian Journal of Zoology, 2000, 78, 1009-1016.	0.4	27
387	Spatial variation in mink and muskrat interactions in Canada. Oikos, 2001, 93, 365-375.	1.2	27
388	MANAGEMENT OF CHAMOIS ( <i>RUPICAPRA RUPICAPRA</i> ) MOVING BETWEEN A PROTECTED CORE AREA AND A HUNTING AREA. , 2002, 12, 1199-1211.		27
389	Evaluation of the Use of Visible Implant Tags in Age-0 Atlantic Cod. North American Journal of Fisheries Management, 2004, 24, 282-286.	0.5	27
390	Relationships between sex ratio, climate and density in red deer: the importance of spatial scale. Journal of Animal Ecology, 2000, 69, 959-974.	1.3	27
391	Individual Heterogeneity in Use of Human Shields by Mountain Nyala. Ethology, 2014, 120, 715-725.	0.5	27
392	Palindromic Sequence Artifacts Generated during Next Generation Sequencing Library Preparation from Historic and Ancient DNA. PLoS ONE, 2014, 9, e89676.	1.1	27
393	Biotic interactions and temporal dynamics of the human gastrointestinal microbiota. ISME Journal, 2015, 9, 533-541.	4.4	27
394	Effects of regime shifts on the population dynamics of the grey-sided vole in Hokkaido, Japan. Climate Research, 2006, 32, 109-118.	0.4	27
395	REPRODUCTIVE ASYNCHRONY INCREASES WITH ENVIRONMENTAL DISTURBANCE. Evolution; International Journal of Organic Evolution, 2001, 55, 830.	1.1	26
396	The ecology and evolution of tooth wear in red deer and moose. Oikos, 2007, 116, 1805-1818.	1.2	26

#	ARTICLE	IF	CITATIONS
397	Context-dependent interplays between truncated demographics and climate variation shape the population growth rate of a harvested species. <i>Ecography</i> , 2012, 35, 637-649.	2.1	26
398	A bio-economic analysis of harvest control rules for the Northeast Arctic cod fishery. <i>Marine Policy</i> , 2013, 39, 172-181.	1.5	26
399	Extension of the match-mismatch hypothesis to predator-controlled systems. <i>Marine Ecology - Progress Series</i> , 2013, 474, 43-52.	0.9	26
400	Asymmetric ecological conditions favor Red-Queen type of continued evolution over stasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1847-1852.	3.3	26
401	New perspectives on fish movement: kernel and GAM smoothers applied to a century of tagging data on coastal Atlantic cod. <i>Marine Ecology - Progress Series</i> , 2008, 372, 231-241.	0.9	26
402	Dissolved oxygen in contrasting estuaries of the Bay of Biscay: effects of temperature, river discharge and chlorophyll a. <i>Marine Ecology - Progress Series</i> , 2010, 418, 57-71.	0.9	26
403	On the evolution of cannibalism. <i>Journal of Theoretical Biology</i> , 1985, 115, 161-177.	0.8	25
404	Microtine ultradian rhythm of activity: an evaluation of different hypotheses on the triggering mechanism. <i>Mammal Review</i> , 1994, 24, 17-39.	2.2	25
405	Density dependence in blowfly populations: experimental evaluation of non-parametric time-series modelling. <i>Oikos</i> , 2002, 98, 523-533.	1.2	25
406	The bioeconomics of controlling an African rodent pest species. <i>Environment and Development Economics</i> , 2006, 11, 453-475.	1.3	25
407	Climatic forcing of zooplankton dynamics is stronger during low densities of planktivorous fish. <i>Limnology and Oceanography</i> , 2009, 54, 1025-1036.	1.6	25
408	Interacting effect of wolves and climate on recruitment in a northern mountain caribou population. <i>Oikos</i> , 2010, 119, 1453-1461.	1.2	25
409	Climate effects on population fluctuations of the white-throated dipper <i>Cinclus cinclus</i> . <i>Journal of Animal Ecology</i> , 2011, 80, 235-243.	1.3	25
410	Context-Dependent Competition in a Model Gut Bacterial Community. <i>PLoS ONE</i> , 2013, 8, e67210.	1.1	25
411	Connecting the Seas of Norden. <i>Nature Climate Change</i> , 2015, 5, 89-92.	8.1	25
412	Environmental drivers of varying selective optima in a small passerine: A multivariate, multiepisodic approach. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 2325-2342.	1.1	25
413	Historical and genomic data reveal the influencing factors on global transmission velocity of plague during the Third Pandemic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11833-11838.	3.3	25
414	Evolutionarily stable strategies in stable and periodically fluctuating populations: The Rosenzweig-MacArthur predator-prey model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2017463118.	3.3	25



#	ARTICLE	IF	CITATIONS
415	Interaction between seasonal density-dependence structures and length of the seasons explain the geographical structure of the dynamics of voles in Hokkaido: an example of seasonal forcing. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 1853-1863.	1.2	24
416	Seedling growth of <i>Acacia tortilis</i> and <i>Faidherbia albida</i> in response to simulated groundwater tables. <i>Forest Ecology and Management</i> , 2005, 212, 367-375.	1.4	24
417	Response to Comment on "Rapid Advance of Spring Arrival Dates in Long-Distance Migratory Birds". <i>Science</i> , 2007, 315, 598c-598c.	6.0	24
418	Centric fission in <i>Microtus oeconomus</i> . A chromosome study of isolated populations in Fennoscandia. <i>Hereditas</i> , 1980, 92, 209-216.	0.5	24
419	Lessons Learnt From the COVID-19 Pandemic. <i>Frontiers in Public Health</i> , 2021, 9, 694705.	1.3	24
420	Biological processes and environmental factors regulating the dynamics of the Norwegian Skagerrak cod populations since 1919. <i>ICES Journal of Marine Science</i> , 2000, 57, 330-338.	1.2	23
421	Parasites and supernormal manipulation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 2551-2558.	1.2	23
422	Phase Dependence and Population Cycles in a Large-Mammal Predator-Prey System. <i>Ecology</i> , 2002, 83, 2997.	1.5	23
423	Evidence for a trade-off between early growth and tooth wear in Svalbard reindeer. <i>Journal of Animal Ecology</i> , 2007, 76, 1139-1148.	1.3	23
424	Estimation of metagenome size and structure in an experimental soil microbiota from low coverage next-generation sequence data. <i>Journal of Applied Microbiology</i> , 2013, 114, 141-151.	1.4	23
425	Combined effects of exploitation and temperature on fish stocks in the Northeast Atlantic. <i>ICES Journal of Marine Science</i> , 2014, 71, 1554-1562.	1.2	23
426	The <i>pla</i> gene, encoding plasminogen activator, is not specific to <i>Yersinia pestis</i> . <i>BMC Research Notes</i> , 2015, 8, 535.	0.6	23
427	Long-term pattern of population dynamics in the field vole from central Europe: cyclic pattern with amplitude dampening. <i>Population Ecology</i> , 2015, 57, 581-589.	0.7	23
428	Cascading effects of mass mortality events in Arctic marine communities. <i>Global Change Biology</i> , 2017, 23, 283-292.	4.2	23
429	Ticket to spawn: Combining economic and genetic data to evaluate the effect of climate and demographic structure on spawning distribution in Atlantic cod. <i>Global Change Biology</i> , 2019, 25, 134-143.	4.2	23
430	Can I afford to publish? A dilemma for African scholars. <i>Ecology Letters</i> , 2022, 25, 711-715.	3.0	23
431	The importance of population dynamics in heterogeneous landscapes: Management of vertebrate pests and some other animals. <i>Agro-Ecosystems</i> , 1981, 7, 187-211.	0.2	22
432	On the Charnov-Finerty Hypothesis: The Unproblematic Transition from Docile to Aggressive and the Problematic Transition from Aggressive to Docile. <i>Oikos</i> , 1990, 58, 234.	1.2	22

#	ARTICLE	IF	CITATIONS
433	Mechanisms of density dependence in fluctuating vole populations: deducing annual density dependence from seasonal processes. <i>Population Ecology</i> , 2003, 45, 165-173.	0.7	22
434	Burmann expansion and test for additivity. <i>Biometrika</i> , 2003, 90, 209-222.	1.3	22
435	Empirical assessment of a threshold model for sylvatic plague. <i>Journal of the Royal Society Interface</i> , 2007, 4, 649-657.	1.5	22
436	Diversity, transmission and persistence of <i>Escherichia coli</i> in a cohort of mothers and their infants. <i>Environmental Microbiology Reports</i> , 2011, 3, 352-359.	1.0	22
437	Estimating population size and habitat suitability for mountain nyala in areas with different protection status. <i>Animal Conservation</i> , 2011, 14, 409-418.	1.5	22
438	Advancement of spring arrival in a long-term study of a passerine bird: sex, age and environmental effects. <i>Oecologia</i> , 2017, 184, 917-929.	0.9	22
439	Eco-evolutionary Red Queen dynamics regulate biodiversity in a metabolite-driven microbial system. <i>Scientific Reports</i> , 2017, 7, 17655.	1.6	22
440	Flexibility in positional behavior, strata use, and substrate utilization among Bale monkeys ( <i>Chlorocebus djamdjamensis</i> ) in response to habitat fragmentation and degradation. <i>American Journal of Primatology</i> , 2018, 80, e22760.	0.8	22
441	Build science in Africa. <i>Nature</i> , 2019, 570, 297-300.	13.7	22
442	INTRODUCTIONÂ European cooperation in plant phenology 3. <i>Climate Research</i> , 2009, 39, 175-177.	0.4	22
443	Stabilizing selection on Atlantic cod supergenes through a millennium of extensive exploitation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	22
444	Cannibalism in whitefish ( <i>Coregonus lavaretus</i> ). <i>Oecologia</i> , 1985, 67, 566-571.	0.9	21
445	Age-specific optimal diets and optimal foraging tactics: A life-historic approach. <i>Theoretical Population Biology</i> , 1989, 36, 281-295.	0.5	21
446	PHASE DEPENDENCE AND POPULATION CYCLES IN A LARGE-MAMMAL PREDATOR-“PREY SYSTEM. <i>Ecology</i> , 2002, 83, 2997-3002.	1.5	21
447	Spatial and temporal woodland patterns along the lower Turkwel River, Kenya. <i>African Journal of Ecology</i> , 2003, 41, 224-236.	0.4	21
448	Interlinking hare and lynx dynamics using a century's worth of annual data. <i>Population Ecology</i> , 2008, 50, 267-274.	0.7	21
449	NORTHEAST ARCTIC COD POPULATION PERSISTENCE IN THE LOFOTEN-“BARENTS SEA SYSTEM UNDER FISHING. , 2008, 18, 662-669.		21
450	Spatial variations in mortality in pelagic early life stages of a marine fish ( <i>Gadus morhua</i> ). <i>Progress in Oceanography</i> , 2014, 127, 96-107.	1.5	21

#	ARTICLE	IF	CITATIONS
451	Communication of Science Advice to Government. <i>Trends in Ecology and Evolution</i> , 2016, 31, 7-11.	4.2	21
452	Easter Island: climate change might have contributed to past cultural and societal changes. <i>Climate Research</i> , 2009, 39, 111-114.	0.4	21
453	Influence of feeding conditions on breeding of African penguins – importance of adequate local food supplies. <i>Marine Ecology - Progress Series</i> , 2010, 420, 263-271.	0.9	21
454	Spatial analysis of North Sea cod recruitment: concurrent effects of changes in spawning stock biomass, temperature and herring abundance. <i>Marine Ecology - Progress Series</i> , 2013, 480, 263-275.	0.9	21
455	Long-term decrease in sex-specific natural mortality of European lobster within a marine protected area. <i>Marine Ecology - Progress Series</i> , 2013, 491, 153-164.	0.9	21
456	Genetic variability among root voles ( <i>Microtus oeconomus</i> ) from different geographic regions: populations can be distinguished by DNA fingerprinting. <i>Biological Journal of the Linnean Society</i> , 1994, 52, 273-286.	0.7	20
457	Genetic Variability in Swayne's Hartebeest, an Endangered Antelope of Ethiopia. <i>Conservation Biology</i> , 2000, 14, 254-264.	2.4	20
458	Phenotypic and environmental correlates of tooth eruption in red deer ( <i>Cervus elaphus</i> ). <i>Journal of Zoology</i> , 2004, 262, 83-89.	0.8	20
459	Multivariate Analysis of Complex DNA Sequence Electropherograms for High-Throughput Quantitative Analysis of Mixed Microbial Populations. <i>Applied and Environmental Microbiology</i> , 2007, 73, 4975-4983.	1.4	20
460	Effects of acorn masting on population dynamics of three forest-dwelling rodent species in Hokkaido, Japan. <i>Population Ecology</i> , 2007, 49, 249-256.	0.7	20
461	Expected future plague levels in a wildlife host under different scenarios of climate change. <i>Global Change Biology</i> , 2009, 15, 500-507.	4.2	20
462	Modeling R0 for Pathogens with Environmental Transmission: Animal Movements, Pathogen Populations, and Local Infectious Zones. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 954.	1.2	20
463	Demographic history has shaped the strongly differentiated corkwing wrasse populations in Northern Europe. <i>Molecular Ecology</i> , 2020, 29, 160-171.	2.0	20
464	Population growth across heterogeneous environments: effects of harvesting and age structure. <i>Marine Ecology - Progress Series</i> , 2013, 480, 277-287.	0.9	20
465	ECOLOGICAL AND EVOLUTIONARY STABILITY OF SPERM-DEPENDENT PARTHENOGENESIS: EFFECTS OF PARTIAL NICHE OVERLAP BETWEEN SEXUAL AND ASEXUAL FEMALES. <i>Evolution; International Journal of Organic Evolution</i> , 1990, 44, 698-714.	1.1	19
466	A generalized threshold mixed model for analyzing nonnormal nonlinear time series, with application to plague in Kazakhstan. <i>Biometrika</i> , 2007, 94, 101-118.	1.3	19
467	Inter-specific synchrony of two contrasting ungulates: wild boar ( <i>Sus scrofa</i> ) and roe deer ( <i>Capreolus capreolus</i> ). <i>Oecologia</i> , 2007, 151, 232-239.	0.9	19
468	An ethical issue in biodiversity science: The monitoring of penguins with flipper bands. <i>Comptes Rendus - Biologies</i> , 2011, 334, 378-384.	0.1	19

#	ARTICLE	IF	CITATIONS
469	Translating science for decision makers to help navigate the Anthropocene. <i>Infrastructure Asset Management</i> , 2014, 1, 160-170.	1.2	19
470	Fine-scale recognition and use of mesoscale fronts by foraging Cape gannets in the Benguela upwelling region. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 107, 77-84.	0.6	19
471	Temperature effects on <i>Calanus finmarchicus</i> vary in space, time and between developmental stages. <i>Marine Ecology - Progress Series</i> , 2014, 517, 85-104.	0.9	19
472	Combined statistical and mechanistic modelling suggests food and temperature effects on survival of early life stages of Northeast Arctic cod ( <i>Gadus morhua</i> ). <i>Progress in Oceanography</i> , 2015, 134, 138-151.	1.5	19
473	Disentangling the mechanisms behind climate effects on zooplankton. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1841-1846.	3.3	19
474	Impact of past climate warming on genomic diversity and demographic history of collared lemmings across the Eurasian Arctic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3026-3033.	3.3	19
475	Diel vertical migration patterns in juvenile cod from the Skagerrak coast. <i>Marine Ecology - Progress Series</i> , 2010, 405, 29-37.	0.9	19
476	Non-linear dynamics in marine-phytoplankton population systems. <i>Marine Ecology - Progress Series</i> , 2004, 273, 281-289.	0.9	19
477	Common structure in panels of short ecological time-series. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 2459-2467.	1.2	18
478	ASSESSING THE EFFECTIVENESS OF RELEASING COD LARVAE FOR STOCK IMPROVEMENT WITH MONITORING DATA. , 2003, 13, 3-22.		18
479	Effects of acorn abundance on density dependence in a Japanese wood mouse ( <i>Apodemus</i> ). <i>Ecology</i> , 2007, 88, 107-118.	0.7	18
480	Population genetic structure and evolutionary history of Bale monkeys ( <i>Chlorocebus djamdjamensis</i> ) in the southern Ethiopian Highlands. <i>BMC Evolutionary Biology</i> , 2018, 18, 106.	3.2	18
481	Correcting for the Edge Effect in Density Estimation: Explorations around a New Method. <i>Oikos</i> , 1979, 32, 337.	1.2	17
482	Nonlinear sheep in a noisy world. <i>Nature</i> , 1998, 394, 620-621.	13.7	17
483	The population ecology of the vole <i>Clethrionomys rufocanus</i> : A preface. <i>Researches on Population Ecology</i> , 1998, 40, 1-3.	0.9	17
484	Temporal changes in woody-plant use and the ekwar indigenous tree management system along the Turkwel River, Kenya. <i>Environmental Conservation</i> , 2001, 28, 150-159.	0.7	17
485	NATURAL MORTALITY AND FISHING MORTALITY IN A COASTAL COD POPULATION: A RELEASE-RECAPTURE EXPERIMENT. , 2001, 11, 540-558.		17
486	MODELING PULSE DISTURBANCE IMPACT ON COD POPULATION DYNAMICS: THE 1988 ALGAL BLOOM OF SKAGERRAK, NORWAY. <i>Ecological Monographs</i> , 2003, 73, 151-171.	2.4	17

#	ARTICLE	IF	CITATIONS
487	From patterns to processes and back: analysing density-dependent responses to an abiotic stressor by statistical and mechanistic modelling. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 2133-2142.	1.2	17
488	Increased effect of harsh climate in red deer with a poor set of teeth. <i>Oecologia</i> , 2006, 147, 24-30.	0.9	17
489	Predator-prey coupling: interaction between mink <i>Mustela vison</i> and muskrat <i>Ondatra zibethicus</i> across Canada. <i>Oikos</i> , 2009, 118, 440-448.	1.2	17
490	Community-Level Consequences of Cannibalism. <i>American Naturalist</i> , 2012, 180, 791-801.	1.0	17
491	Coevolution of competing species: Ecological character displacement. <i>Theoretical Population Biology</i> , 1985, 27, 105-119.	0.5	16
492	Temporal Patterns of Breeding Events in Small Rodent Populations. <i>Oikos</i> , 1988, 53, 229.	1.2	16
493	Population Dynamics of Territorial Species in Seasonal and Patchy Environments. <i>Oikos</i> , 1994, 69, 47.	1.2	16
494	The long-term study of voles, mice and lemmings: homage to Robert Collett. <i>Trends in Ecology and Evolution</i> , 1995, 10, 512.	4.2	16
495	Environmental forcing as a main determinant of bloom dynamics of the <i>Chrysochromulina</i> algae. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 3047-3055.	1.2	16
496	Contrasting correlation patterns between environmental factors and chlorophyll levels in the global ocean. <i>Global Biogeochemical Cycles</i> , 2015, 29, 2095-2107.	1.9	16
497	Fine-scale population dynamics in a marine fish species inferred from dynamic state-space models. <i>Journal of Animal Ecology</i> , 2017, 86, 888-898.	1.3	16
498	Assessing the origins of the European Plagues following the Black Death: A synthesis of genomic, historical, and ecological information. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	16
499	Optimal Foraging: The Importance of Environmental Stochasticity and Accuracy in Parameter Estimation. <i>American Naturalist</i> , 1993, 141, 139-157.	1.0	16
500	Human-wildlife conflict and coexistence: a case study from Senkele Swayne's Hartebeest Sanctuary in Ethiopia. <i>Wildlife Biology</i> , 2020, 2020, 1-10.	0.6	16
501	The eye lens as an age indicator in the root vole. <i>Acta Theriologica</i> , 1980, 25, 39-50.	1.1	16
502	Spatio-temporal dynamics of the grey-sided vole in Hokkaido: identifying coupling using state-based Markov-chain modelling. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 435-445.	1.2	15
503	Bayesian Population Dynamics of Interacting Species: Great Gerbils and Fleas in Kazakhstan. <i>Biometrics</i> , 2005, 61, 230-238.	0.8	15
504	Environmental noise affects the fluctuations of Atlantic large pelagics. <i>Progress in Oceanography</i> , 2010, 86, 267-275.	1.5	15

#	ARTICLE	IF	CITATIONS
505	Disentangling effects of uncertainties on population projections: climate change impact on an epixylic bryophyte. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 3098-3105.	1.2	15
506	Intrinsic and extrinsic drivers of transmission dynamics of hemorrhagic fever with renal syndrome caused by Seoul hantavirus. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007757.	1.3	15
507	Can we make human plague history? A call to action. <i>BMJ Global Health</i> , 2019, 4, e001984.	2.0	15
508	Geographic variation in population cycles of Canadian muskrats ( <i>Ondatra zibethicus</i> ). <i>Canadian Journal of Zoology</i> , 2000, 78, 1009-1016.	0.4	15
509	Bird migration and climate: the general picture and beyond. <i>Climate Research</i> , 2007, 35, 177-180.	0.4	15
510	Measuring, understanding and projecting the effects of large-scale climatic variability on mammals. <i>Climate Research</i> , 2006, 32, 95-97.	0.4	15
511	The Structure of Food Webs Predicted from Optimal Food Selection Models: An Alternative to Pimm's Stability Hypothesis. <i>Oikos</i> , 1985, 44, 361.	1.2	14
512	A New Test for Density-Dependent Survival: The Case of Coastal Cod Populations. <i>Ecology</i> , 1999, 80, 1278.	1.5	14
513	EXPLORING THE DENSITY-DEPENDENT STRUCTURE OF BLOWFLY POPULATIONS BY NONPARAMETRIC ADDITIVE MODELING. <i>Ecology</i> , 2001, 82, 2645-2658.	1.5	14
514	The effect of climate variations on the dynamics of pasture livestock interactions under cooperative and noncooperative management. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14730-14734.	3.3	14
515	Scale-dependent effects of climate on two copepod species, <i>Calanus glacialis</i> and <i>Pseudocalanus minutus</i> , in an Arctic-boreal sea. <i>Marine Ecology - Progress Series</i> , 2012, 468, 71-83.	0.9	14
516	Spatial Heterogeneity as a Genetic Mixing Mechanism in Highly Philopatric Colonial Seabirds. <i>PLoS ONE</i> , 2015, 10, e0117981.	1.1	14
517	African wolf diet, predation on livestock and conflict in the Guassa mountains of Ethiopia. <i>African Journal of Ecology</i> , 2017, 55, 632-639.	0.4	14
518	Effects of size- and sex-selective harvesting: An integral projection model approach. <i>Ecology and Evolution</i> , 2019, 9, 12556-12570.	0.8	14
519	The Animal Origin of Major Human Infectious Diseases: What Can Past Epidemics Teach Us About Preventing the Next Pandemic?. <i>Zoonoses</i> , 2022, 2, .	0.5	14
520	Impacts of shifting agriculture on a floodplain woodland regeneration in dryland, Kenya. <i>Agriculture, Ecosystems and Environment</i> , 2002, 90, 211-216.	2.5	13
521	Modeling species richness controlled by community-intrinsic and community-extrinsic processes: coastal fish communities as an example. <i>Population Ecology</i> , 2002, 44, 165-178.	0.7	13
522	Smoothing for Spatiotemporal Models and Its Application to Modeling Muskrat-Mink Interaction. <i>Biometrics</i> , 2003, 59, 813-821.	0.8	13

#	ARTICLE	IF	CITATIONS
523	Improved DNA fragment length estimation in capillary electrophoresis. <i>Electrophoresis</i> , 2008, 29, 1273-1285.	1.3	13
524	Deep divergence among mitochondrial lineages in African jackals. <i>Zoologica Scripta</i> , 2018, 47, 1-8.	0.7	13
525	Use of cultivated foods and matrix habitat by Bale monkeys in forest fragments: Assessing local human attitudes and perceptions. <i>American Journal of Primatology</i> , 2020, 82, e23074.	0.8	13
526	Prioritizing vaccination by age and social activity to advance societal health benefits in Norway: a modelling study. <i>Lancet Regional Health - Europe</i> , The, 2021, 10, 100200.	3.0	13
527	A general model for the demographic signatures of the transition from pandemic emergence to endemicity. <i>Science Advances</i> , 2021, 7, .	4.7	13
528	Marine Birds and Climate Fluctuation in the North Atlantic. , 2005, , 95-106.		13
529	Climate forcing, food web structure, and community dynamics in pelagic marine ecosystems. , 2005, , 143-169.		13
530	The Social Fence Hypothesis: A Critique. <i>Oikos</i> , 1988, 52, 169.	1.2	12
531	Fingerprinting of diverse species with DNA probes generated from immobilized single-stranded DNA templates. <i>Nucleic Acids Research</i> , 1991, 19, 4004-4004.	6.5	12
532	Comparing the genetic population structure of two species of arctic lemmings: more local differentiation in <i>Lemmus trimucronatus</i> than in <i>Dicrostonyx groenlandicus</i> . <i>Oikos</i> , 2001, 94, 143-150.	1.2	12
533	Detecting genetic structure in migrating bowhead whales off the coast of Barrow, Alaska. <i>Molecular Ecology</i> , 2007, 16, 1993-2004.	2.0	12
534	Environmental toxicology: Population modeling of cod larvae shows high sensitivity to loss of zooplankton prey. <i>Marine Pollution Bulletin</i> , 2011, 62, 395-398.	2.3	12
535	Cyclicality and variability in prey dynamics strengthens predator numerical response: the effects of vole fluctuations on white stork productivity. <i>Population Ecology</i> , 2013, 55, 363-375.	0.7	12
536	Comparisons of infant <i>Escherichia coli</i> isolates link genomic profiles with adaptation to the ecological niche. <i>BMC Genomics</i> , 2013, 14, 81.	1.2	12
537	Biotic and abiotic effects on cohort size distributions in fish. <i>Oikos</i> , 2013, 122, 835-844.	1.2	12
538	Spatial ecology of coastal Atlantic cod <i>Gadus morhua</i> associated with parasite load. <i>Journal of Fish Biology</i> , 2015, 87, 449-464.	0.7	12
539	Temporal dynamics in microbial soil communities at anthrax carcass sites. <i>BMC Microbiology</i> , 2017, 17, 206.	1.3	12
540	Inferring genetic connectivity in real populations, exemplified by coastal and oceanic Atlantic cod. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4945-4950.	3.3	12

#	ARTICLE	IF	CITATIONS
541	Human plague system associated with rodent diversity and other environmental factors. Royal Society Open Science, 2019, 6, 190216.	1.1	12
542	Why Mathematical Models in Evolutionary Ecology?. , 1984, , 239-287.		12
543	Richness dependence and climatic forcing as regulating processes of coastal fish-species richness. Ecology Letters, 2003, 6, 428-439.	3.0	11
544	Seedling establishment of <i>Acacia tortilis</i> and <i>Hyphaene compressa</i> in the Turkwel riverine forest, Kenya. African Journal of Ecology, 2006, 44, 178-185.	0.4	11
545	Improving risk assessments in conservation ecology. Nature Communications, 2019, 10, 2836.	5.8	11
546	Coalescence modeling of intrainfection <i>Bacillus anthracis</i> populations allows estimation of infection parameters in wild populations. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4273-4280.	3.3	11
547	Influence of larval transport and temperature on recruitment dynamics of North Sea cod ( <i>Gadus</i> ) Tj ETQq1 1 0.784314 rgBT /Overl	0.9	11
548	A Threshold Seaâ€œSurface Temperature at 14Â°C for Phytoplankton Nonlinear Responses to Ocean Warming. Global Biogeochemical Cycles, 2021, 35, e2020GB006808.	1.9	11
549	Evaluating the effectiveness of control measures in multiple regions during the early phase of the COVID-19 pandemic in 2020. Biosafety and Health, 2021, 3, 264-275.	1.2	11
550	The Indian Ocean Dipole as an indicator of climatic conditions affecting European birds. Climate Research, 2013, 57, 45-49.	0.4	11
551	Energy balance and the Malthusian parameter, $m$ , of grazing small rodents. Oecologia, 1978, 32, 37-55.	0.9	10
552	Evolution of cannibalism in an age-structured population. Bulletin of Mathematical Biology, 1984, 46, 371-377.	0.9	10
553	Regression Analysis, Residual Analysis and Missing Variables in Regression Models. Oikos, 1985, 44, 319.	1.2	10
554	Density Dependence and the Microtine Cycle I. A. Continuous Time Model with Delay due to Development. Oikos, 1988, 52, 197.	1.2	10
555	Non-parametric modelling of non-linear density dependence: a three-species host-parasitoid system. Journal of Animal Ecology, 2001, 70, 808-819.	1.3	10
556	Within and between species competition in a seabird community: statistical exploration and modeling of time-series data. Oecologia, 2012, 169, 685-694.	0.9	10
557	Pathogens trigger top-down climate forcing on ecosystem dynamics. Oecologia, 2016, 181, 519-532.	0.9	10
558	Ecological and evolutionary dynamics of interconnectedness and modularity. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 750-755.	3.3	10



#	ARTICLE	IF	CITATIONS
559	Competition between sympatric wolf taxa: an example involving African and Ethiopian wolves. Royal Society Open Science, 2018, 5, 172207.	1.1	10
560	Switching vaccination among target groups to achieve improved long-lasting benefits. Royal Society Open Science, 2021, 8, 210292.	1.1	10
561	Species richness and environmental conditions of fish along the Norwegian Skagerrak coast. ICES Journal of Marine Science, 2002, 59, 757-769.	1.2	9
562	Interannual variability in abundance and length of young coastal cod in the subtidal zone. Journal of Fish Biology, 2006, 68, 734-746.	0.7	9
563	Statistical analysis of the dynamics of antibody loss to a disease-causing agent: plague in natural populations of great gerbils as an example. Journal of the Royal Society Interface, 2007, 4, 57-64.	1.5	9
564	Maximum likelihood estimation in nonlinear structured fisheries models using survey and catch-at-age data. Canadian Journal of Fisheries and Aquatic Sciences, 2011, 68, 1717-1731.	0.7	9
565	Differential responses of three sympatric seabirds to spatio-temporal variability in shared resources. Marine Ecology - Progress Series, 2012, 468, 291-301.	0.9	9
566	Population genetic structure and connectivity in the endangered Ethiopian mountain Nyala ( <i>Tragelaphus buxtoni</i> ): recommending dispersal corridors for future conservation. Conservation Genetics, 2013, 14, 427-438.	0.8	9
567	Large-scale season-dependent effects of temperature and zooplankton on phytoplankton in the North Atlantic. Marine Ecology - Progress Series, 2014, 502, 25-37.	0.9	9
568	Interbreeding between local and translocated populations of a cleaner fish in an experimental mesocosm predicts risk of disrupted local adaptation. Ecology and Evolution, 2019, 9, 6665-6677.	0.8	9
569	Foraging ecology of African wolves ( <i>Canis lupaster</i> ) and its implications for the conservation of Ethiopian wolves ( <i>Canis simensis</i> ). Royal Society Open Science, 2019, 6, 190772.	1.1	9
570	Attuning to a changing ocean. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 20363-20371.	3.3	9
571	Distribution and conservation status of <i>Boutourlinia</i> 's blue monkey ( <i>Cercopithecus mitis</i> ) Tj ETQq1 1 0.784314 rBT /Overlock 10 10 8,7	0.7	9
572	Nonlinearity in interspecific interactions in response to climate change: Cod and haddock as an example. Global Change Biology, 2020, 26, 5554-5563.	4.2	9
573	What costs half a year's pay for African scholars? Open access. Nature, 2021, 596, 189-189.	13.7	9
574	Determinants of mean length at age of spring spawning herring off the coast of Hokkaido, Japan. Marine Ecology - Progress Series, 2008, 366, 209-217.	0.9	9
575	Mining can exacerbate global degradation of dryland. Geophysical Research Letters, 2021, 48, e2021GL094490.	1.5	9
576	The value of flagship and umbrella species for restoration and sustainable development: Bale monkeys and bamboo forest in Ethiopia. Journal for Nature Conservation, 2022, 65, 126117.	0.8	9

#	ARTICLE	IF	CITATIONS
577	A comment on Bobisud's paper on evolution of cannibalism. <i>The Bulletin of Mathematical Biophysics</i> , 1978, 40, 541-545.	0.5	8
578	Evolutionarily stable strategies in food selection models with fitness sets. <i>Journal of Theoretical Biology</i> , 1984, 109, 489-499.	0.8	8
579	Genetic structuring in fluctuating populations. <i>Ecological Informatics</i> , 2006, 1, 343-348.	2.3	8
580	To make the most of what we have: extracting phenological data from nestling measurements. <i>International Journal of Biometeorology</i> , 2011, 55, 797-804.	1.3	8
581	Darwinian Evolution in Ecosystems: A Survey of Some Ideas and Difficulties Together with Some Possible Solutions. <i>Biomathematics</i> , 1986, , 105-145.	0.7	8
582	Genetic structure of Siberian lemmings ( <i>Lemmus sibiricus</i> ) in a continuous habitat: large patches rather than isolation by distance. , 0, .		8
583	Population density regulation in <i>Clethrionomys</i> : the effect of changing litter size and length of reproductive season. <i>Acta Theriologica</i> , 1986, 31, 367-384.	1.1	8
584	How "science" can facilitate the politicization of charismatic megafauna counts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2203244119.	3.3	8
585	A Coevolutionary Theory for Communities and Food Web Configurations. <i>Oikos</i> , 1983, 41, 487.	1.2	7
586	On the evolution of reproductive rates in populations with equilibrium and cyclic densities. <i>Mathematical Biosciences</i> , 1985, 74, 59-87.	0.9	7
587	Living in synchrony on Greenland coasts?. <i>Nature</i> , 2004, 427, 697-698.	13.7	7
588	The Role of Ecological and Economic Factors in the Management of a Spatially Structured Moose/Alces alces Population. <i>Wildlife Biology</i> , 2009, 15, 10-23.	0.6	7
589	Unintended consequences sneak in the back door: making wise use of regulations in fisheries management. , 0, , 183-217.		7
590	A Simultaneous Test of Synchrony Causal Factors in Muskrat and Mink Fur Returns at Different Scales across Canada. <i>PLoS ONE</i> , 2011, 6, e27766.	1.1	7
591	The role of El Niño "Southern Oscillation in the dynamics of a savanna large herbivore population. <i>Oikos</i> , 2011, 120, 1175-1182.	1.2	7
592	Illuminating the mysterious world of truffles. <i>Frontiers in Ecology and the Environment</i> , 2012, 10, 462-463.	1.9	7
593	Using Satellite Data for the Characterization of Local Animal Reservoir Populations of Hantaan Virus on the Weihe Plain, China. <i>Remote Sensing</i> , 2017, 9, 1076.	1.8	7
594	How sampling-based overdispersion reveals India's tiger monitoring orthodoxy. <i>Conservation Science and Practice</i> , 2019, 1, e128.	0.9	7

#	ARTICLE	IF	CITATIONS
595	The dynamics of trait variance in multi-species communities. Royal Society Open Science, 2020, 7, 200321.	1.1	7
596	The Responses of Fish Populations to Ocean Climate Fluctuations. , 2005, , 73-94.		7
597	Optimal Reproductive Success in Animals with Parental Care. Oikos, 1984, 43, 251.	1.2	6
598	Reproduction and growth in bank voles <i>Clethrionomys glareolus</i> : the effect of food-quality and density manipulations in a laboratory colony. Ecography, 1992, 15, 221-225.	2.1	6
599	So, what do we know and what do we need to know more about the population ecology of the vole <i>Clethrionomys rufocanus</i> ? Researches on Population Ecology, 1998, 40, 153-158.	0.9	6
600	Exploring the Density-Dependent Structure of Blowfly Populations by Nonparametric Additive Modeling. Ecology, 2001, 82, 2645.	1.5	6
601	Relationships in red deer <i>Cervus elaphus</i> mandibles. Acta Theriologica, 2004, 49, 527-542.	1.1	6
602	Analyzing short time series data from periodically fluctuating rodent populations by threshold models: A nearest block bootstrap approach. Science in China Series A: Mathematics, 2009, 52, 1085-1106.	0.5	6
603	Where could catch shares prevent stock collapse?. Marine Policy, 2010, 34, 710-712.	1.5	6
604	CAPTURE AND IMMOBILIZATION OF AFRICAN WOLVES ( <i>CANIS LUPASTER</i> ) IN THE ETHIOPIAN HIGHLANDS. Journal of Wildlife Diseases, 2018, 54, 175.	0.3	6
605	Optimal Management Under Institutional Constraints: Determining a Total Allowable Catch for Different Fleet Segments in the Northeast Arctic Cod Fishery. Environmental and Resource Economics, 2018, 69, 811-835.	1.5	6
606	Regime shift tipping point in hare population collapse associated with climatic and agricultural change during the very early 20th century. Global Change Biology, 2021, 27, 3732-3740.	4.2	6
607	Gregor Johann Mendel and the development of modern evolutionary biology. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	6
608	Density Dependence and the Microtine Cycle II. A Discrete Time Model for a Synchronously Reproducing Population. Oikos, 1988, 52, 207.	1.2	5
609	A theoretical basis for understanding and managing biological populations with particular reference to the spruce bark beetle. Ecography, 1989, 12, 387-394.	2.1	5
610	The Ecological and Evolutionary Implications of Recruitment for Competitively Structured Communities. Oikos, 1992, 65, 34.	1.2	5
611	The effect of stochasticity in birth and survival on small populations of the harbour seal <i>Phoca vitulina</i> L.. Sarsia, 1994, 79, 151-155.	0.5	5
612	Sexual selection forms the structure and dynamics of ecological communities. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 5576-5577.	3.3	5

#	ARTICLE	IF	CITATIONS
613	Spatio-temporal variability of richness estimators: coastal marine fish communities as examples. <i>Oecologia</i> , 2005, 144, 308-317.	0.9	5
614	The Biological Consequences of Global Change. <i>Integrative Zoology</i> , 2010, 5, 85-86.	1.3	5
615	Source-Sink Reconstruction Through Regularized Multicomponent Regression Analysisâ€”With Application to Assessing Whether North Sea Cod Larvae Contributed to Local Fjord Cod in Skagerrak. <i>Journal of the American Statistical Association</i> , 2014, 109, 560-573.	1.8	5
616	The potential influence of Atlantic salmon <i>Salmo salar</i> and brown trout <i>Salmo trutta</i> on density and breeding of the white-throated dipper <i>Cinclus cinclus</i> . <i>Ecology and Evolution</i> , 2018, 8, 4065-4073.	0.8	5
617	Combined effects of fishing and oil spills on marine fish: Role of stock demographic structure for offspring overlap with oil. <i>Marine Pollution Bulletin</i> , 2018, 129, 336-342.	2.3	5
618	Possible adverse impact of contaminants on Atlantic cod population dynamics in coastal ecosystems. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191167.	1.2	5
619	Extending the climatological concept of â€˜Detection and Attributionâ€™™ to global change ecology in the Anthropocene. <i>Functional Ecology</i> , 2020, 34, 2270-2282.	1.7	5
620	The Genome of the Great Gerbil Reveals Species-Specific Duplication of an MHCII Gene. <i>Genome Biology and Evolution</i> , 2020, 12, 3832-3849.	1.1	5
621	Hydrology influences breeding time in the white-throated dipper. <i>BMC Ecology</i> , 2020, 20, 70.	3.0	5
622	Bioarchaeological insights into the last plague of Imola (1630â€“1632). <i>Scientific Reports</i> , 2021, 11, 22253.	1.6	5
623	On the evolution of demographic strategies in populations with equilibrium and cyclic densities. <i>Mathematical Biosciences</i> , 1985, 74, 89-109.	0.9	4
624	Testing for Common Structures in a Panel of Threshold Models. <i>Biometrics</i> , 2004, 60, 225-232.	0.8	4
625	REPRODUCTIVE ASYNCHRONY INCREASES WITH ENVIRONMENTAL DISTURBANCE. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 55, 830-834.	1.1	4
626	Fishery selection across the millennia. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 2657-2658.	1.2	4
627	Reply to Gange et al.: Climate-driven changes in the fungal fruiting season in the United Kingdom. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E335.	3.3	4
628	Organizing, supporting and linking the world marine biodiversity research community. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2015, 95, 431-433.	0.4	4
629	Reply to Barbieri et al.: Out of the Land of Darkness: Plague on the fur trade routes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7622-7623.	3.3	4
630	Climate change affected the spatio-temporal occurrence of disasters in China over the past five centuries. <i>Royal Society Open Science</i> , 2021, 8, 200731.	1.1	4

#	ARTICLE	IF	CITATIONS
631	Evolutionary Processes and Insect Outbreaks. , 1987, , 533-563.		4
632	The ecology and evolution of tooth wear in red deer and moose. <i>Oikos</i> , 2007, 116, 1805-1818.	1.2	4
633	The Importance of TAR-Modelling for Understanding the Structure of Ecological Dynamics: The Hare-Lynx Population Cycles as an Example. , 2009, , 365-374.		4
634	The effect of season and post-fire on habitat preferences of the endangered Swayne's hartebeest ( <i>Alcelaphus buselaphus swaynei</i> ) in Maze National Park, Ethiopia. <i>BMC Ecology</i> , 2020, 20, 5.	3.0	4
635	Mice, Rats, and People: The Bio-Economics of Agricultural Rodent Pests. <i>Frontiers in Ecology and the Environment</i> , 2003, 1, 367.	1.9	4
636	Life history of fjord cod from the Skagerrak in the mid-2000s compared to 1905. <i>Marine Ecology - Progress Series</i> , 2011, 424, 169-174.	0.9	4
637	Population dynamic consequences of female territoriality in bank voles. <i>Acta Theriologica</i> , 1985, 30, 445-460.	1.1	4
638	Conflicting nuclear and mitogenome phylogenies reveal ancient mitochondrial replacement between two North American species of collared lemmings ( <i>Dicrostonyx groenlandicus</i> , <i>D. hudsonius</i> ). <i>Molecular Phylogenetics and Evolution</i> , 2022, 168, 107399.	1.2	4
639	Small Rodents with Social and Trophic Interactions in a Seasonally Varying Environment. <i>Oikos</i> , 1987, 50, 319.	1.2	3
640	Population dynamics of bark beetles, with special reference to <i>Ips typographus</i> : Introduction. <i>Ecography</i> , 1989, 12, 382-382.	2.1	3
641	Analyzing nonlinear population dynamics data. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2004, 9, 200-215.	0.7	3
642	Cryptic population structuring in Scandinavian lynx: reply to Pamilo. <i>Molecular Ecology</i> , 2006, 15, 1189-1192.	2.0	3
643	A new hypothesis for explaining the maintenance of the all-female broods in the African butterfly <i>Acraea encedon</i> . <i>Hereditas</i> , 2008, 103, 205-209.	0.5	3
644	Draft Genome Sequences of Two <i>Bacillus anthracis</i> Strains from Etosha National Park, Namibia. <i>Genome Announcements</i> , 2016, 4, .	0.8	3
645	Macroevolutionary consequences of sexual conflict. <i>Biology Letters</i> , 2018, 14, 20180186.	1.0	3
646	Towards the Optimal Management of the Northeast Arctic Cod Fishery. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
647	The End of Plague in Europe. <i>Centaurus</i> , 2022, 64, 61-72.	0.2	3
648	A Population Dynamics Model for Small Rodents: Sexual Maturation, Spacing Behaviour, Dispersal and Vole-Habitat Interaction. <i>Oikos</i> , 1988, 52, 194.	1.2	2

#	ARTICLE	IF	CITATIONS
649	A simple population model for bark beetles providing general guidelines for the application of aggregation and anti-aggregation pheromones. <i>Ecography</i> , 1989, 12, 395-407.	2.1	2
650	EVOLUTIONARY BIOLOGY: The Evolutionary Synthesis. <i>Science</i> , 1999, 286, 1490-1490.	6.0	2
651	Aboveground dry-matter allocation in ungrazed and grazed stands of <i>Indigofera spinosa</i> in the arid zone of Turkana, Kenya. <i>Ecography</i> , 2000, 23, 224-230.	2.1	2
652	On the Crest of a Population Wave. <i>Science</i> , 2002, 298, 973-974.	6.0	2
653	PIONEERING PARADIGMS AND MAGNIFICENT MANIFESTOS-LEIGH VAN VALEN'S PRICELESS CONTRIBUTIONS TO EVOLUTIONARY BIOLOGY. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 917-922.	1.1	2
654	Harvested fish stocks in a changing environment. <i>Marine Ecology - Progress Series</i> , 2013, 480, 199-203.	0.9	2
655	Continual evolution through coupled fast and slow feedbacks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4234-4242.	3.3	2
656	The ecological dynamics of the coronavirus epidemics during transmission from outside sources when $R_0$ is successfully managed below one. <i>Royal Society Open Science</i> , 2021, 8, 202234.	1.1	2
657	EFFECTS OF DENSITY-DEPENDENT AND STOCHASTIC PROCESSES ON THE REGULATION OF COD POPULATIONS. , 2001, 82, 567.		2
658	Human activities increase vigilance, movement and home range size of the endangered mountain nyala ( <i>Tragelaphus buxtoni</i> ) at the cost of foraging and resting. <i>Global Ecology and Conservation</i> , 2021, 32, e01900.	1.0	2
659	Sleeping Site and Tree Selection by Bale Monkeys ( <i>Chlorocebus djamdjamensis</i> ) at Kokosa Forest Fragment in Southern Ethiopia. <i>International Journal of Primatology</i> , 2021, 42, 915-932.	0.9	2
660	A model for the conquest of a tree by bark beetles. <i>Ecography</i> , 1989, 12, 408-414.	2.1	1
661	Natural Mortality and Fishing Mortality in a Coastal Cod Population: A Release-Recapture Experiment. , 2001, 11, 540.		1
662	Regulation of species richness by advection and richness-dependent processes in a coastal fish community. <i>Hydrobiologia</i> , 2003, 503, 93-102.	1.0	1
663	Reply to Vilar <i>et al.</i> : Sleep or hide, better for survival anytime. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, .	3.3	1
664	Reply to Barbraud <i>et al.</i> : King penguin population threatened by Southern Ocean warming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, .	3.3	1
665	Reply to Enberg and J�rgensen: Ecology and evolution both matter for explaining stock dynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4322-E4323.	3.3	1
666	Location Is Everything, but Climate Gets a Share: Analyzing Small-Scale Environmental Influences on Breeding Success in the White-Throated Dipper. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	1

#	ARTICLE	IF	CITATIONS
667	Effects of climate change on marine ecosystems. <i>Climate Research</i> , 2008, 37, 121-122.	0.4	1
668	Climatic Fluctuations and Marine Systems: A General Introduction to the Ecological Effects. , 2005, , 3-14.		1
669	Climatic Influences on Marine Fish Community Ecology. , 2005, , 123-134.		1
670	Responses of Phytoplankton Communities to climate Variability. , 2005, , 109-114.		1
671	Swayne's hartebeest in Ethiopia: population estimate, genetic variability and competition with livestock. <i>Oryx</i> , 0, , 1-9.	0.5	1
672	Reply to Weiss: Tree-ring stable oxygen isotopes suggest an increase in Asian monsoon rainfall at 4.2 ka BP. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2204067119.	3.3	1
673	Bridging the sociobiological gap. <i>Behavioral and Brain Sciences</i> , 1987, 10, 88-89.	0.4	0
674	Can rationality and irrationality be reconciled?. <i>Biology and Philosophy</i> , 1988, 3, 475-483.	0.7	0
675	A final note to Gilkey. <i>Biology and Philosophy</i> , 1988, 3, 497-499.	0.7	0
676	Houston & McNamara are right, but are they helpful to empiricists?. <i>Behavioral and Brain Sciences</i> , 1988, 11, 150-151.	0.4	0
677	Can we afford not to believe that man is selfish?. <i>Behavioral and Brain Sciences</i> , 1989, 12, 722-723.	0.4	0
678	Population dynamics of bark beetles, with special reference to <i>Ips typographus</i> : contributions of applied bark beetle studies to basic research in ecology and population biology. <i>Ecography</i> , 1989, 12, 526-527.	2.1	0
679	Editorial: <i>Proceedings B</i> " a journal for organismal and population biological work of broad interest. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 2537-2538.	1.2	0
680	Reply to McLean et al.: Collections are critical. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14413-14413.	3.3	0
681	Reply to Best and Ashby: The concept of evolutionarily stable strategies (ESS) helps link ecology and evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2102861118.	3.3	0
682	Boost for Africa's research must protect its biodiversity. <i>Nature</i> , 2021, 597, 31-31.	18.7	0
683	Aboveground dry-matter allocation in ungrazed and grazed stands of <i>Indigofera spinosa</i> in the arid zone of Turkana, Kenya. <i>Ecography</i> , 2000, 23, 224-230.	2.1	0
684	Climate Research: a focal point for the climate and ecosystem-impact research communities. <i>Climate Research</i> , 2008, 37, 1-outline.	0.4	0

#	ARTICLE	IF	CITATIONS
685	Estimating a Smooth Common Transfer Function with a Panel of Time Series - Inflow of Larvae Cod as an Example. Pakistan Journal of Statistics and Operation Research, 2012, 8, 701.	1.1	0
686	Reflections from the president of the International Society of Zoological Sciences: the zoology of zoonotic infectious diseases. Integrative Zoology, 2022, , .	1.3	0
687	The transfer function method reveals how age-structured populations respond to environmental fluctuations with serious implications for fisheries management. Population Ecology, 0, , .	0.7	0