Tim N Coulson

List of Publications by Year
in descending order

221 papers	17,478 citations	18482 62 h-index	16183 124 g-index
255 all docs	255 docs citations	255 times ranked	14929 citing authors

#	Article	IF	Citations
1	Age, Sex, Density, Winter Weather, and Population Crashes in Soay Sheep. Science, 2001, 292, 1528-1531.	12.6	820
2	Identification of 100 fundamental ecological questions. Journal of Ecology, 2013, 101, 58-67.	4.0	605
3	Effects of sampling regime on the mean and variance of home range size estimates. Journal of Animal Ecology, 2006, 75, 1393-1405.	2.8	574
4	Coupled dynamics of body mass and population growth in response to environmental change. Nature, 2010, 466, 482-485.	27.8	518
5	Noise and determinism in synchronized sheep dynamics. Nature, 1998, 394, 674-677.	27.8	498
6	The influence of parental relatedness on reproductive success. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 2021-2027.	2.6	467
7	Why large-scale climate indices seem to predict ecological processes better than local weather. Nature, 2004, 430, 71-75.	27.8	464
8	The use and abuse of population viability analysis. Trends in Ecology and Evolution, 2001, 16, 219-221.	8.7	415
9	Does heterozygosity estimate inbreeding in real populations?. Molecular Ecology, 2004, 13, 3021-3031.	3.9	412
10	The use of photographic rates to estimate densities of tigers and other cryptic mammals. Animal Conservation, 2001, 4, 75-79.	2.9	400
11	LONGEVITY CAN BUFFER PLANT AND ANIMAL POPULATIONS AGAINST CHANGING CLIMATIC VARIABILITY. Ecology, 2008, 89, 19-25.	3.2	386
12	Measuring senescence in wild animal populations: towards a longitudinal approach. Functional Ecology, 2008, 22, 393-406.	3.6	357
13	Microsatellites reveal heterosis in red deer. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 489-495.	2.6	351
14	Sexually antagonistic genetic variation for fitness in red deer. Nature, 2007, 447, 1107-1110.	27.8	336
15	Senescence rates are determined by ranking on the fastâ€“slow lifeâ€history continuum. Ecology Letters, 2008, 11, 664-673.	6.4	317
16	Chapter 5 Empirical Evidence of Densityâ€Dependence in Populations of Large Herbivores. Advances in Ecological Research, 2009, 41, 313-357.	2.7	285
17	The Dynamics of Phenotypic Change and the Shrinking Sheep of St. Kilda. Science, 2009, 325, 464-467.	12.6	271
18	Precipitation drives global variation in natural selection. Science, 2017, 355, 959-962.	12.6	267

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19	Reproductive collapse in saiga antelope harems. Nature, 2003, 422, 135-135.	27.8	209
20	The relative roles of density and climatic variation on population dynamics and fecundity rates in three contrasting ungulate species. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 1771-1779.	2.6	208
21	Complex population dynamics and complex causation: devils, details and demography. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 1173-1181.	2.6	200
22	The Evolutionary Demography of Ecological Change: Linking Trait Variation and Population Growth. Science, 2007, 315, 1571-1574.	12.6	196
23	Why Conservationists Should Heed Pokemon. Science, 2002, 295, 2367b-2367.	12.6	196
24	Modeling Effects of Environmental Change on Wolf Population Dynamics, Trait Evolution, and Life History. Science, 2011, 334, 1275-1278.	12.6	185
25	Estimating individual contributions to population growth: evolutionary fitness in ecological time. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 547-555.	2.6	184
26	An Integrated Approach to Identify Spatiotemporal and Individualâ€Level Determinants of Animal Home Range Size. American Naturalist, 2006, 168, 471-485.	2.1	180
27	Using evolutionary demography to link life history theory, quantitative genetics and population ecology. Journal of Animal Ecology, 2010, 79, 1226-1240.	2.8	177
28	The role of males in the dynamics of ungulate populations. Journal of Animal Ecology, 2002, 71, 907-915.	2.8	169
29	Comparative ungulate dynamics: the devil is in the detail. Philosophical Transactions of the Royal Society B: Biological Sciences, 2002, 357, 1285-1298.	4.0	164
30	Mismatch Between Birth Date and Vegetation Phenology Slows the Demography of Roe Deer. PLoS Biology, 2014, 12, e1001828.	5.6	161
31	Sex differences in emigration and mortality affect optimal management of deer populations. Nature, 2002, 415, 633-637.	27.8	159
32	Decomposing the variation in population growth into contributions from multiple demographic rates. Journal of Animal Ecology, 2005, 74, 789-801.	2.8	158
33	POPULATION SUBSTRUCTURE, LOCAL DENSITY, AND CALF WINTER SURVIVAL IN RED DEER (CERVUS) Tj ETQq1 1 0.784314 rgBT /Ov	3.2	154
34	How Life History Influences Population Dynamics in Fluctuating Environments. American Naturalist, 2013, 182, 743-759.	2.1	152
35	Stochastic predation events and population persistence in bighorn sheep. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 1537-1543.	2.6	149
36	Lifetime reproductive success and density-dependent, multi-variable resource selection. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 1449-1454.	2.6	137

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37	Reproductive improvement and senescence in a long-lived bird. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 7841-7846.	7.1	137
38	THE DEMOGRAPHIC CONSEQUENCES OF RELEASING A POPULATION OF RED DEER FROM CULLING. Ecology, 2004, 85, 411-422.	3.2	134
39	From stochastic environments to life histories and back. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 1499-1509.	4.0	134
40	Random versus Game Trail-Based Camera Trap Placement Strategy for Monitoring Terrestrial Mammal Communities. PLoS ONE, 2015, 10, e0126373.	2.5	133
41	Patterns of body mass senescence and selective disappearance differ among three species of free-living ungulates. Ecology, 2011, 92, 1936-1947.	3.2	124
42	Skeletons, noise and population growth: the end of an old debate?. Trends in Ecology and Evolution, 2004, 19, 359-364.	8.7	121
43	Integral projections models, their construction and use in posing hypotheses in ecology. Oikos, 2012, 121, 1337-1350.	2.7	121
44	Densityâ€dependent intraspecific aggression regulates survival in northern Yellowstone wolves (Canis lupus). Journal of Animal Ecology, 2014, 83, 1344-1356.	2.8	121
45	Temporal changes in key factors and key age groups influencing the population dynamics of female red deer. Journal of Animal Ecology, 2000, 69, 1099-1110.	2.8	118
46	Onchocerciasis modulates the immune response to mycobacterial antigens. Clinical and Experimental Immunology, 1999, 117, 517-523.	2.6	116
47	Evolutionary responses to harvesting in ungulates. Journal of Animal Ecology, 2007, 76, 669-678.	2.8	110
48	Small-scale spatial dynamics in a fluctuating ungulate population. Journal of Animal Ecology, 1999, 68, 658-671.	2.8	105
49	MICROSATELLITE LOCI REVEAL SEX-DEPENDENT RESPONSES TO INBREEDING AND OUTBREEDING IN RED DEER CALVES. Evolution; International Journal of Organic Evolution, 1999, 53, 1951-1960.	2.3	99
50	Sexual dimorphism, survival and dispersal in red deer. Journal of Agricultural, Biological, and Environmental Statistics, 2004, 9, 1-26.	1.4	96
51	Rapidly declining fine-scale spatial genetic structure in female red deer. Molecular Ecology, 2005, 14, 3395-3405.	3.9	96
52	The Dynamics of a Quantitative Trait in an Ageâ€Structured Population Living in a Variable Environment. American Naturalist, 2008, 172, 599-612.	2.1	96
53	Predation, individual variability and vertebrate population dynamics. Oecologia, 2011, 167, 305-314.	2.0	96
54	Towards a general, population-level understanding of eco-evolutionary change. Trends in Ecology and Evolution, 2013, 28, 143-148.	8.7	90

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55	Wolf reintroduction to Scotland: public attitudes and consequences for red deer management. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 995-1003.	2.6	89
56	Causes and consequences of variation in offspring body mass: metaâ€analyses in birds and mammals. Biological Reviews, 2018, 93, 1-27.	10.4	88
57	Applying a random encounter model to estimate lion density from camera traps in Serengeti National Park, Tanzania. Journal of Wildlife Management, 2015, 79, 1014-1021.	1.8	86
58	ESTIMATING THE FUNCTIONAL FORM FOR THE DENSITY DEPENDENCE FROM LIFE HISTORY DATA. Ecology, 2008, 89, 1661-1674.	3.2	78
59	Modeling Adaptive and Nonadaptive Responses of Populations to Environmental Change. American Naturalist, 2017, 190, 313-336.	2.1	76
60	Different hunting strategies select for different weights in red deer. Biology Letters, 2005, 1, 353-356.	2.3	74
61	Demographic routes to variability and regulation in bird populations. Nature Communications, 2016, 7, 12001.	12.8	74
62	Modelling nonâ€“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.	2.6	71
63	Do Eco-Evo Feedbacks Help Us Understand Nature? Answers From Studies of the Trinidadian Guppy. Advances in Ecological Research, 2014, , 1-40.	2.7	69
64	Sexâ€specific demography and generalization of the Triversâ€“Willard theory. Nature, 2015, 526, 249-252.	27.8	69
65	Red deer stocks in the Highlands of Scotland. Nature, 2004, 429, 261-262.	27.8	68
66	Social networks strongly predict the gut microbiota of wild mice. ISME Journal, 2021, 15, 2601-2613.	9.8	64
67	Estimating Population Size and Hidden Demographic Parameters with Stateâ€Space Modeling. American Naturalist, 2009, 173, 722-733.	2.1	63
68	Cumulative reproduction and survival costs in female red deer. Oikos, 2006, 115, 241-252.	2.7	60
69	Adaptive adjustment of offspring sex ratio and maternal reproductive effort in an iteroparous mammal. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 293-299.	2.6	60
70	Patterns of parental relatedness and pup survival in the grey seal (Halichoerus grypus). Molecular Ecology, 2004, 13, 2365-2370.	3.9	58
71	The contributions of age and sex to variation in common tern population growth rate. Journal of Animal Ecology, 2006, 75, 1379-1386.	2.8	58
72	Influence of Life-History Tactics on Transient Dynamics: A Comparative Analysis across Mammalian Populations. American Naturalist, 2014, 184, 673-683.	2.1	58

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73	Larval density dependence in Anopheles gambiae s.s., the major African vector of malaria. Journal of Animal Ecology, 2013, 82, 166-174.	2.8	57
74	CORRELATIONS BETWEEN AGE, PHENOTYPE, AND INDIVIDUAL CONTRIBUTION TO POPULATION GROWTH IN COMMON TERNS. Ecology, 2007, 88, 2496-2504.	3.2	56
75	HETEROZYGOSITY-FITNESS CORRELATIONS REVEALED BY NEUTRAL AND CANDIDATE GENE MARKERS IN ROE DEER FROM A LONG-TERM STUDY. Evolution; International Journal of Organic Evolution, 2009, 63, 403-417.	2.3	56
76	Generation Time, Net Reproductive Rate, and Growth in Stage-Age-Structured Populations. American Naturalist, 2014, 183, 771-783.	2.1	55
77	Eco-Evolutionary Feedbacks Predict the Time Course of Rapid Life-History Evolution. American Naturalist, 2019, 194, 671-692.	2.1	55
78	Exploring individual quality in a wild population of red deer. Journal of Animal Ecology, 2009, 78, 406-413.	2.8	54
79	Microsatellite Loci Reveal Sex-Dependent Responses to Inbreeding and Outbreeding in Red Deer Calves. Evolution; International Journal of Organic Evolution, 1999, 53, 1951.	2.3	53
80	Estimating Density Dependence from Time Series of Population Age Structure. American Naturalist, 2006, 168, 76-87.	2.1	53
81	Demography, not inheritance, drives phenotypic change in hunted bighorn sheep. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13223-13228.	7.1	53
82	Finding pathways to humanâ€“elephant coexistence: a risky business. Oryx, 2016, 50, 713-720.	1.0	53
83	The diversity of population responses to environmental change. Ecology Letters, 2019, 22, 342-353.	6.4	52
84	Influence of Density and Climate on Population Dynamics of a Large Herbivore Under Harsh Environmental Conditions. Journal of Wildlife Management, 2010, 74, 1671-1685.	1.8	51
85	The influence of birth date via body mass on individual fitness in a long-lived mammal. Ecology, 2015, 96, 1516-1528.	3.2	49
86	Revealing kleptoparasitic and predatory tendencies in an African mammal community using camera traps: a comparison of spatiotemporal approaches. Oikos, 2017, 126, 812-822.	2.7	49
87	Competing harvesting strategies in a simulated population under uncertainty. Animal Conservation, 2001, 4, 157-167.	2.9	48
88	A latitudinal gradient in climate effects on seabird demography: results from interspecific analyses. Global Change Biology, 2008, 14, 703-713.	9.5	47
89	The effects of asymmetric competition on the life history of Trinidadian guppies. Ecology Letters, 2016, 19, 268-278.	6.4	47
90	The use of photographic rates to estimate densities of cryptic mammals: response to Jennelle et al.. Animal Conservation, 2002, 5, 121-123.	2.9	46

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91	Genotype by environment interactions in winter survival in red deer. Journal of Animal Ecology, 1998, 67, 434-445.	2.8	43
92	Are local weather, NDVI and NAO consistent determinants of red deer weight across three contrasting European countries?. Global Change Biology, 2009, 15, 1727-1738.	9.5	43
93	Density dependence in group dynamics of a highly social mongoose, Suricata suricatta. Journal of Animal Ecology, 2012, 81, 628-639.	2.8	43
94	Phenological asynchrony: a ticking timeâ€bomb for seemingly stable populations?. Ecology Letters, 2020, 23, 1766-1775.	6.4	43
95	From physiology to space use: energy reserves and androgenization explain homeâ€range size variation in a woodland rodent. Journal of Animal Ecology, 2014, 83, 126-135.	2.8	42
96	Sex-ratio variation in Soay sheep. Behavioral Ecology and Sociobiology, 2002, 53, 25-30.	1.4	41
97	Social structure mediates environmental effects on group size in an obligate cooperative breeder, Suricata suricatta. Ecology, 2013, 94, 587-597.	3.2	41
98	Positive effects of an invasive shrub on aggregation and abundance of a native small rodent. Behavioral Ecology, 2013, 24, 759-767.	2.2	41
99	Regulated hunting re-shapes the life history of brown bears. Nature Ecology and Evolution, 2018, 2, 116-123.	7.8	41
100	Local density and group size interacts with age and sex to determine direction and rate of social dispersal in a polygynous mammal. Ecology and Evolution, 2013, 3, 3073-3082.	1.9	39
101	Determining baselines for human-elephant conflict: A matter of time. PLoS ONE, 2017, 12, e0178840.	2.5	39
102	Behaviour and ecology of the Ethiopian wolf (Canis simensis) in a human-dominated landscape outside protected areas. Animal Conservation, 2005, 8, 113-121.	2.9	38
103	Evidence of reduced individual heterogeneity in adult survival of long-lived species. Evolution; International Journal of Organic Evolution, 2016, 70, 2909-2914.	2.3	38
104	Predicting trait values and measuring selection in complex life histories: reproductive allocation decisions in Soay sheep. Ecology Letters, 2011, 14, 985-992.	6.4	37
105	Population Responses to Perturbations: The Importance of Trait-Based Analysis Illustrated through a Microcosm Experiment. American Naturalist, 2012, 179, 582-594.	2.1	37
106	Linking body mass and group dynamics in an obligate cooperative breeder. Journal of Animal Ecology, 2014, 83, 1357-1366.	2.8	37
107	THE DEMOGRAPHIC CONSEQUENCES OF THE COST OF REPRODUCTION IN UNGULATES. Ecology, 2008, 89, 2604-2611.	3.2	36
108	Factors Influencing Soay Sheep Survival: A Bayesian Analysis. Biometrics, 2006, 62, 211-220.	1.4	35

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109	Weak spatiotemporal response of prey to predation risk in a freely interacting system. Journal of Animal Ecology, 2020, 89, 120-131.	2.8	35
110	Individual differences, density dependence and offspring birth traits in a population of red deer. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 2137-2145.	2.6	34
111	Warming springs and habitat alteration interact to impact timing of breeding and population dynamics in a migratory bird. Global Change Biology, 2018, 24, 5292-5303.	9.5	34
112	The Impact of Nile Crocodiles on Rural Livelihoods in Northeastern Namibia. South African Journal of Wildlife Research, 2009, 39, 57-69.	1.4	33
113	Does supplemental feeding affect the viability of translocated populations? The example of the hihi. Animal Conservation, 2012, 15, 337-350.	2.9	33
114	The stochastic demography of two coexisting male morphs. Ecology, 2011, 92, 755-764.	3.2	32
115	Parturition date for a given female is highly repeatable within five roe deer populations. Biology Letters, 2013, 9, 20120841.	2.3	32
116	Analyzing Complex Captureâ€“Recapture Data in the Presence of Individual and Temporal Covariates and Model Uncertainty. Biometrics, 2008, 64, 1187-1195.	1.4	31
117	Information use and resource competition: an integrative framework. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20152550.	2.6	31
118	Decline of the Madagascar radiated tortoise Geochelone radiata due to overexploitation. Oryx, 2003, 37, .	1.0	30
119	Individual differences in reproductive costs examined using multi-state methods. Journal of Animal Ecology, 2011, 80, 456-465.	2.8	30
120	Exploring the effects of spatial autocorrelation when identifying key drivers of wildlife cropâ€raiding. Ecology and Evolution, 2014, 4, 582-593.	1.9	30
121	Quantifying the influence of measured and unmeasured individual differences on demography. Journal of Animal Ecology, 2015, 84, 1434-1445.	2.8	30
122	Incubation behavior adjustments, driven by ambient temperature variation, improve synchrony between hatch dates and caterpillar peak in a wild bird population. Ecology and Evolution, 2017, 7, 9415-9425.	1.9	30
123	Population regulation and demography in a harvested freshwater crayfish from Madagascar. Oikos, 2006, 112, 602-611.	2.7	29
124	Skewed distributions of lifetime reproductive success: beyond mean and variance. Ecology Letters, 2020, 23, 748-756.	6.4	29
125	Estimating the size and dynamics of an injecting drug user population and implications for health service coverage: comparison of indirect prevalence estimation methods. Addiction, 2008, 103, 1604-1613.	3.3	27
126	Living with predators: a focus on the issues of human - crocodile conflict within the lower Zambezi valley. Wildlife Research, 2011, 38, 747.	1.4	27

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127	Population regulation by enemies of the grass Brachypodium sylvaticum: demography in native and invaded ranges. Ecology, 2011, 92, 665-675.	3.2	26
128	Trading stages: Life expectancies in structured populations. Experimental Gerontology, 2012, 47, 773-781.	2.8	26
129	The Influence of Nonrandom Mating on Population Growth. American Naturalist, 2013, 182, 28-41.	2.1	26
130	Longâ€lived and heavier females give birth earlier in roe deer. Ecography, 2014, 37, 241-249.	4.5	26
131	Elephant space-use is not a good predictor of crop-damage. Biological Conservation, 2018, 228, 241-251.	4.1	26
132	What do simple models reveal about the population dynamics of a cooperatively breeding species?. Oikos, 2011, 120, 787-794.	2.7	25
133	Decomposing variation in population growth into contributions from environment and phenotypes in an age-structured population. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 394-401.	2.6	25
134	Predicting coexistence in species with continuous ontogenetic niche shifts and competitive asymmetry. Ecology, 2017, 98, 2823-2836.	3.2	25
135	Predicting the evolutionary consequences of trophy hunting on a quantitative trait. Journal of Wildlife Management, 2018, 82, 46-56.	1.8	25
136	Towards a more precise â€“ and accurate â€“ view of ecoâ€evolution. Ecology Letters, 2021, 24, 623-625.	6.4	25
137	Population resilience of the Mediterranean monk seal Monachus monachus at Cabo Blanco peninsula. Marine Ecology - Progress Series, 2012, 461, 273-281.	1.9	25
138	Age-related shapes of the cost of reproduction in vertebrates. Biology Letters, 2007, 3, 674-677.	2.3	23
139	CROSS-GENERATIONAL EFFECTS OF HABITAT AND DENSITY ON LIFE HISTORY IN RED DEER. Ecology, 2008, 89, 3317-3326.	3.2	22
140	Reâ€evaluating the effect of harvesting regimes on <scp>N</scp>ile crocodiles using an integral projection model. Journal of Animal Ecology, 2013, 82, 155-165.	2.8	22
141	The Genomic Landscape of Divergence Across the Speciation Continuum in Island-Colonising Silvereyes (Zosterops lateralis). G3: Genes, Genomes, Genetics, 2020, 10, 3147-3163.	1.8	21
142	Behavioural switching in a central place forager: patterns of diving behaviour in the macaroni penguin (Eudyptes chrysolophus). Marine Biology, 2010, 157, 1543-1553.	1.5	20
143	Time series analysis of biologging data: autocorrelation reveals periodicity of diving behaviour in macaroni penguins. Animal Behaviour, 2010, 79, 845-855.	1.9	20
144	Exploring Foraging Decisions in a Social Primate Using Discrete-Choice Models. American Naturalist, 2012, 180, 481-495.	2.1	20

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145	Correlative Changes in Life-History Variables in Response to Environmental Change in a Model Organism. American Naturalist, 2014, 183, 784-797.	2.1	19
146	Individual differences determine the strength of ecological interactions. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 17068-17073.	7.1	19
147	Consequences of Human Land Use for an Afro-alpine Ecological Community in Ethiopia. Conservation and Society, 2012, 10, 209.	0.8	19
148	Habitat Dependence and Correlations between Elasticities of Longâ€Term Growth Rates. American Naturalist, 2008, 172, 424-430.	2.1	18
149	Chilli-briquettes modify the temporal behaviour of elephants, but not their numbers. Oryx, 2019, 53, 100-108.	1.0	18
150	Sex differences and data quality as determinants of income from hunting red deer Cervus elaphus. Wildlife Biology, 2004, 10, 187-201.	1.4	17
151	The effects of road networks and habitat heterogeneity on the species richness of birds in Natura 2000 sites in Cyprus. Landscape Ecology, 2015, 30, 67-75.	4.2	17
152	Lifeâ€history strategy varies with the strength of competition in a foodâ€limited ungulate population. Ecology Letters, 2020, 23, 811-820.	6.4	17
153	Des diffÃ©rences, pourquoi? Transmission, maintenance and effects of phenotypic variance. Journal of Animal Ecology, 2016, 85, 356-370.	2.8	16
154	The multiple population genetic and demographic routes to islands of genomic divergence. Methods in Ecology and Evolution, 2020, 11, 6-21.	5.2	16
155	Size and density mediate transitions between competition and facilitation. Ecology Letters, 2019, 22, 1879-1888.	6.4	15
156	The effect of insularity on avian growth rates and implications for insular body size evolution. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20181967.	2.6	15
157	Exploring movement decisions: Can Bayesian movementâ€state models explain crop consumption behaviour in elephants (Loxodonta africana)?. Journal of Animal Ecology, 2020, 89, 1055-1068.	2.8	15
158	Neural ordinary differential equations for ecological and evolutionary timeâ€series analysis. Methods in Ecology and Evolution, 2021, 12, 1301-1315.	5.2	15
159	Linking the population growth rate and the age-at-death distribution. Theoretical Population Biology, 2012, 82, 244-252.	1.1	14
160	Tests of density dependence using indices of relative abundance in a deer population. Oikos, 2012, 121, 1351-1363.	2.7	14
161	Analysis of phenotypic change in relation to climatic drivers in a population of Soay sheep Ovis aries. Oikos, 2015, 124, 543-552.	2.7	14
162	Using simulations of past and present elephant (Loxodonta africana) population numbers in the Okavango Delta Panhandle, Botswana to improve future population estimates. Wetlands Ecology and Management, 2015, 23, 583-602.	1.5	14

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163	Life History Consequences of the Facultative Expression of a Dispersal Life Stage in the Phoretic Bulb Mite (Rhizoglyphus robini). PLoS ONE, 2015, 10, e0136872.	2.5	14
164	Estimating stochastic elasticities directly from longitudinal data. Ecology Letters, 2009, 12, 806-812.	6.4	13
165	Traitâ€“demography relationships underlying small mammal population fluctuations. Journal of Animal Ecology, 2017, 86, 348-358.	2.8	13
166	Linking demographic responses and life history tactics from longitudinal data in mammals. Oikos, 2016, 125, 395-404.	2.7	12
167	Testing the effect of quantitative genetic inheritance in structured models on projections of population dynamics. Oikos, 2020, 129, 559-571.	2.7	12
168	Case of the absent lemmings. Nature, 2008, 456, 43-44.	27.8	11
169	Testing and Improving the Accuracy of Discriminant Function Tests: A Comparison between Morphometric and Molecular Sexing in Macaroni Penguins. Waterbirds, 2009, 32, 437-443.	0.3	11
170	The indirect effects of habitat disturbance on the bird communities in a tropical African forest. Biodiversity and Conservation, 2015, 24, 3083-3107.	2.6	11
171	Environmental Change, If Unaccounted, Prevents Detection of Cryptic Evolution in a Wild Population. American Naturalist, 2021, 197, 29-46.	2.1	11
172	Predicting the future and saving species. Trends in Ecology and Evolution, 2003, 18, 14-15.	8.7	10
173	Exploring the effects of immunity and life history on the dynamics of an endogenous retrovirus. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120505.	4.0	10
174	We live in a changing world, but that shouldnâ€™t mean we abandon the concept of equilibrium. Ecology Letters, 2021, 24, 3-5.	6.4	10
175	Roads constrain movement across behavioural processes in a partially migratory ungulate. Movement Ecology, 2021, 9, 57.	2.8	10
176	A web resource for the UK's longâ€term individualâ€based timeâ€series (LITS) data. Journal of Animal Ecology, 2008, 77, 612-615.	2.8	9
177	A New Way to Integrate Selection When Both Demography and Selection Gradients Vary over Time. International Journal of Plant Sciences, 2010, 171, 945-959.	1.3	9
178	A comparative analysis of the factors promoting deer invasion. Biological Invasions, 2012, 14, 2271-2281.	2.4	9
179	Timing of dietary switching by savannah elephants in relation to crop consumption. Biological Conservation, 2020, 249, 108703.	4.1	9
180	The influence of climatic variation and density on the survival of an insular passerine Zosterops lateralis. PLoS ONE, 2017, 12, e0176360.	2.5	9

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181	Modeling the impact of selective harvesting on red deer antlers. Journal of Wildlife Management, 2016, 80, 978-989.	1.8	8
182	Investigating the Dynamics of Elk Population Size and Body Mass in a Seasonal Environment Using a Mechanistic Integral Projection Model. American Naturalist, 2020, 196, E23-E45.	2.1	8
183	Distributions of LRS in varying environments. Ecology Letters, 2021, 24, 1328-1340.	6.4	8
184	Life histories as mosaics: Plastic and genetic components differ among traits that underpin lifeâ€history strategies. Evolution; International Journal of Organic Evolution, 2022, 76, 585-604.	2.3	8
185	Heterozygosity-fitness correlations and associative overdominance: new detection method and proof of principle in the Iberian wild boar. Molecular Ecology, 2009, 18, 2741-2742.	3.9	7
186	How sensitive are elasticities of long-run stochastic growth to how environmental variability is modelled?. Ecological Modelling, 2010, 221, 191-200.	2.5	7
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