

Sandra Bouwhuis

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

3,052
citations

257450

24
h-index

197818

49
g-index

50
all docs

50
docs citations

50
times ranked

3747
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate change and population declines in a long-distance migratory bird. <i>Nature</i> , 2006, 441, 81-83.	27.8	1,143
2	Great tits growing old: selective disappearance and the partitioning of senescence to stages within the breeding cycle. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 2769-2777.	2.6	172
3	Heterogeneous selection on a heritable temperament trait in a variable environment. <i>Journal of Animal Ecology</i> , 2009, 78, 1203-1215.	2.8	163
4	Quantitative Assessment of the Importance of Phenotypic Plasticity in Adaptation to Climate Change in Wild Bird Populations. <i>PLoS Biology</i> , 2013, 11, e1001605.	5.6	143
5	The Forms and Fitness Cost of Senescence: Age-Specific Recapture, Survival, Reproduction, and Reproductive Value in a Wild Bird Population. <i>American Naturalist</i> , 2012, 179, E15-E27.	2.1	117
6	Individual variation in rates of senescence: natal origin effects and disposable soma in a wild bird population. <i>Journal of Animal Ecology</i> , 2010, 79, 1251-1261.	2.8	96
7	Reproductive effort accelerates actuarial senescence in wild birds: an experimental study. <i>Ecology Letters</i> , 2014, 17, 599-605.	6.4	95
8	Trans-generational effects on ageing in a wild bird population. <i>Journal of Evolutionary Biology</i> , 2010, 23, 636-642.	1.7	81
9	Sex-specific pathways of parental age effects on offspring lifetime reproductive success in a long-lived seabird. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 1760-1771.	2.3	71
10	Global phenological insensitivity to shifting ocean temperatures among seabirds. <i>Nature Climate Change</i> , 2018, 8, 313-318.	18.8	68
11	Age-dependent trait variation: the relative contribution of within-individual change, selective appearance and disappearance in a long-lived seabird. <i>Journal of Animal Ecology</i> , 2015, 84, 797-807.	2.8	64
12	Personality and basal metabolic rate in a wild bird population. <i>Oikos</i> , 2014, 123, 56-62.	2.7	53
13	Telomere attrition and growth: a life-history framework and case study in common terns. <i>Journal of Evolutionary Biology</i> , 2017, 30, 1409-1419.	1.7	53
14	The diversity of population responses to environmental change. <i>Ecology Letters</i> , 2019, 22, 342-353.	6.4	52
15	Telomere length is repeatable, shortens with age and reproductive success, and predicts remaining lifespan in a long-lived seabird. <i>Molecular Ecology</i> , 2020, 29, 429-441.	3.9	43
16	Basal metabolic rate and the rate of senescence in the great tit. <i>Functional Ecology</i> , 2011, 25, 829-838.	3.6	38
17	Hemispheric asymmetry in ocean change and the productivity of ecosystem sentinels. <i>Science</i> , 2021, 372, 980-983.	12.6	38
18	Fitness prospects: effects of age, sex and recruitment age on reproductive value in a long-lived seabird. <i>Journal of Animal Ecology</i> , 2015, 84, 199-207.	2.8	36

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19	Heterogeneity in individual quality in birds: overall patterns and insights from a study on common terns. <i>Oikos</i> , 2018, 127, 719-727.	2.7	36
20	Telomere length is heritable and genetically correlated with lifespan in a wild bird. <i>Molecular Ecology</i> , 2022, 31, 6297-6307.	3.9	36
21	Embryonic growth rate affects telomere attrition: an experiment in a wild bird. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	35
22	Plasticity results in delayed breeding in a long-lived distant migrant seabird. <i>Ecology and Evolution</i> , 2017, 7, 3100-3109.	1.9	30
23	Ecological causes of multilevel covariance between size and first-year survival in a wild bird population. <i>Journal of Animal Ecology</i> , 2015, 84, 208-218.	2.8	29
24	Life span and reproductive cost explain interspecific variation in the optimal onset of reproduction. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 296-313.	2.3	29
25	Live fast, don't die young: Survival-reproduction trade-offs in long-lived income breeders. <i>Journal of Animal Ecology</i> , 2019, 88, 746-756.	2.8	27
26	Contrasting between- and within-individual trait effects on mortality risk in a long-lived seabird. <i>Ecology</i> , 2015, 96, 71-79.	3.2	26
27	Divergent selection on, but no genetic conflict over, female and male timing and rate of reproduction in a human population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20132002.	2.6	25
28	Connecting the data landscape of long-term ecological studies: The SPI-Birds data hub. <i>Journal of Animal Ecology</i> , 2021, 90, 2147-2160.	2.8	25
29	Reduced telomere length in offspring of old fathers in a long-lived seabird. <i>Biology Letters</i> , 2018, 14, 20180213.	2.3	23
30	Avian Escape Artists?. , 2017, , 156-174.		22
31	High individual repeatability of the migratory behaviour of a long-distance migratory seabird. <i>Movement Ecology</i> , 2022, 10, 5.	2.8	19
32	Early mortality saves energy: estimating the energetic cost of excess offspring in a seabird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162724.	2.6	18
33	The contribution of an avian top predator to selection in prey species. <i>Journal of Animal Ecology</i> , 2014, 83, 99-106.	2.8	17
34	Intraspecific Variation in and Environment-Dependent Resource Allocation to Embryonic Development Time in Common Terns. <i>Physiological and Biochemical Zoology</i> , 2017, 90, 453-460.	1.5	17
35	Understanding the Social Dynamics of Breeding Phenology: Indirect Genetic Effects and Assortative Mating in a Long-Distance Migrant. <i>American Naturalist</i> , 2020, 196, 566-576.	2.1	15
36	Similar patterns of age-specific reproduction in an island and mainland population of great tits (<i>Parus major</i>). <i>Journal of Avian Biology</i> , 2010, 41, 615-620.	1.2	13

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37	No detectable effect of light-level geolocators on the behaviour and fitness of a long-distance migratory seabird. <i>Journal of Ornithology</i> , 2019, 160, 1087-1095.	1.1	13
38	Contrasting heterozygosity-fitness correlations across life in a long-lived seabird. <i>Molecular Ecology</i> , 2019, 28, 671-685.	3.9	11
39	Age-Specific Offspring Mortality Economically Tracks Food Abundance in a Piscivorous Seabird. <i>American Naturalist</i> , 2019, 193, 588-597.	2.1	9
40	General conclusion to the special issue Moving forward on individual heterogeneity. <i>Oikos</i> , 2018, 127, 750-756.	2.7	8
41	The quantitative genetics of fitness in a wild seabird. <i>Evolution; International Journal of Organic Evolution</i> , 2022, 76, 1443-1452.	2.3	8
42	Are arrival date and body mass after spring migration influenced by large-scale environmental factors in a migratory seabird?. <i>Frontiers in Ecology and Evolution</i> , 2015, 3, .	2.2	7
43	Male-biased sex allocation in ageing parents; a longitudinal study in a long-lived seabird. <i>Biology Letters</i> , 2016, 12, 20160260.	2.3	7
44	How fitness consequences of early-life conditions vary with age in a long-lived seabird: A Bayesian multivariate analysis of age-specific reproductive values. <i>Journal of Animal Ecology</i> , 2021, 90, 1505-1514.	2.8	6
45	On the ecological insights provided by a long-term study on an even longer-lived bird. <i>Journal of Animal Ecology</i> , 2018, 87, 891-892.	2.8	4
46	Addendum to: "Reproductive effort accelerates actuarial senescence in wild birds: an experimental study". <i>Ecology Letters</i> , 2015, 18, 315-315.	6.4	3
47	Age-, sex- and tactic-specific kleptoparasitic performance in a long-lived seabird. <i>Journal of Ornithology</i> , 2020, 161, 183-188.	1.1	2
48	Colony size affects breeding density, but not spatial distribution type, in a seabird. <i>Behavioral Ecology</i> , 2020, 31, 1113-1119.	2.2	2
49	Immunosenescence in the wild? A longitudinal study in a long-lived seabird. <i>Journal of Animal Ecology</i> , 2022, 91, 458-469.	2.8	2
50	Variation and correlation in the timing of breeding of North Atlantic seabirds across multiple scales. <i>Journal of Animal Ecology</i> , 2022, 91, 1797-1812.	2.8	2