

# Lyanne Brouwer

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

2,089  
citations

236925

25  
h-index

243625

44  
g-index

48  
all docs

48  
docs citations

48  
times ranked

2161  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying the best climatic predictors in ecology and evolution. <i>Methods in Ecology and Evolution</i> , 2016, 7, 1246-1257.	5.2	189
2	Predation risk is an ecological constraint for helper dispersal in a cooperatively breeding cichlid. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 2367-2374.	2.6	179
3	Extra-pair paternity in birds. <i>Molecular Ecology</i> , 2019, 28, 4864-4882.	3.9	148
4	Large group size yields group stability in the cooperatively breeding cichlid <i>Neolamprologus pulcher</i> . <i>Behaviour</i> , 2005, 142, 1615-1641.	0.8	118
5	Do changes in the frequency, magnitude and timing of extreme climatic events threaten the population viability of coastal birds?. <i>Journal of Applied Ecology</i> , 2010, 47, 720-730.	4.0	118
6	Experimental evidence for helper effects in a cooperatively breeding cichlid. <i>Behavioral Ecology</i> , 2005, 16, 667-673.	2.2	111
7	MHC-dependent survival in a wild population: evidence for hidden genetic benefits gained through extra-pair fertilizations. <i>Molecular Ecology</i> , 2010, 19, 3444-3455.	3.9	96
8	The role of group size and environmental factors on survival in a cooperatively breeding tropical passerine. <i>Journal of Animal Ecology</i> , 2006, 75, 1321-1329.	2.8	86
9	Strategic promiscuity helps avoid inbreeding at multiple levels in a cooperative breeder where both sexes are philopatric. <i>Molecular Ecology</i> , 2011, 20, 4796-4807.	3.9	84
10	Green nesting material has a function in mate attraction in the European starling. <i>Animal Behaviour</i> , 2004, 67, 539-548.	1.9	83
11	Fluctuating optimum and temporally variable selection on breeding date in birds and mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31969-31978.	7.1	69
12	Experimental evidence for density-dependent reproduction in a cooperatively breeding passerine. <i>Ecology</i> , 2009, 90, 729-741.	3.2	59
13	Experimentally induced helper dispersal in colonially breeding cooperative cichlids. <i>Environmental Biology of Fishes</i> , 2008, 83, 191-206.	1.0	56
14	Egg size and laying order in relation to offspring sex in the extreme sexually size dimorphic brown songlark, <i>Cinclorhamphus cruralis</i> . <i>Behavioral Ecology and Sociobiology</i> , 2003, 54, 240-248.	1.4	54
15	Multiple hypotheses explain variation in extra-pair paternity at different levels in a single bird family. <i>Molecular Ecology</i> , 2017, 26, 6717-6729.	3.9	51
16	Heterozygosity-fitness correlations in a bottlenecked island species: a case study on the Seychelles warbler. <i>Molecular Ecology</i> , 2007, 16, 3134-3144.	3.9	46
17	Parent presence, delayed dispersal, and territory acquisition in the Seychelles warbler. <i>Behavioral Ecology</i> , 2007, 18, 874-879.	2.2	44
18	FLUCTUATING SELECTION AND THE MAINTENANCE OF INDIVIDUAL AND SEX-SPECIFIC DIET SPECIALIZATION IN FREE-LIVING OYSTERCATCHERS. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 836-851.	2.3	40

#	ARTICLE	IF	CITATIONS
19	Helpers at the Nest Improve Late-Life Offspring Performance: Evidence from a Long-Term Study and a Cross-Foster Experiment. <i>PLoS ONE</i> , 2012, 7, e33167.	2.5	35
20	Evolutionary origins and persistence of infidelity in <i>Malurus</i> : the least faithful birds. <i>Emu</i> , 2013, 113, 208-217.	0.6	34
21	Effects of extreme weather on two sympatric Australian passerine bird species. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160148.	4.0	33
22	Sex biased natal dispersal in a closed, saturated population of Seychelles warblers <i>Acrocephalus sechellensis</i> . <i>Journal of Avian Biology</i> , 2008, 39, 73-80.	1.2	32
23	The role of social environment on parental care: offspring benefit more from the presence of female than male helpers. <i>Journal of Animal Ecology</i> , 2014, 83, 491-503.	2.8	30
24	Conspicuous Plumage Does Not Increase Predation Risk: A Continent-Wide Test Using Model Songbirds. <i>American Naturalist</i> , 2019, 193, 359-372.	2.1	30
25	Problems with using large-scale oceanic climate indices to compare climatic sensitivities across populations and species. <i>Ecography</i> , 2013, 36, 249-255.	4.5	27
26	Experimental evaluation of sex differences in territory acquisition in a cooperatively breeding bird. <i>Behavioral Ecology</i> , 2009, 20, 207-214.	2.2	25
27	Oystercatchers' Bill Shapes as a Proxy for Diet Specialization: More Differentiation than Meets the Eye. <i>Ardea</i> , 2009, 97, 335-347.	0.6	21
28	Rescue behaviour in a social bird: removal of sticky "bird-catcher tree" seeds by group members. <i>Behaviour</i> , 2017, 154, 403-411.	0.8	21
29	Associations between changing climate and body condition over decades in two southern hemisphere passerine birds. <i>Climate Change Responses</i> , 2018, 5, .	2.6	20
30	Do Primary Males Physiologically Suppress Subordinate Males? An Experiment in a Cooperatively Breeding Passerine. <i>Ethology</i> , 2009, 115, 576-587.	1.1	17
31	Sex biased natal dispersal is not a fixed trait in a stable population of Seychelles warblers. <i>Behaviour</i> , 2010, 147, 1577-1590.	0.8	17
32	Integrating Fitness Components Reveals That Survival Costs Outweigh Other Benefits and Costs of Group Living in Two Closely Related Species. <i>American Naturalist</i> , 2020, 195, 201-215.	2.1	15
33	Superb fairy-wrens: Making the worst of a good job. , 2016, , 133-149.		13
34	Indirect fitness benefits through extra-pair mating are large for an inbred minority, but cannot explain widespread infidelity among red-winged fairy-wrens. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 467-480.	2.3	10
35	Prenatal auditory learning in avian vocal learners and non-learners. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200247.	4.0	9
36	Habitat geometry does not affect levels of extrapair paternity in an extremely unfaithful fairy-wren. <i>Behavioral Ecology</i> , 2014, 25, 531-537.	2.2	8

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37	Breeding behaviour and ecology of the sexually size-dimorphic brown songlark, <i>Cinclorhamphus cruralis</i> . <i>Australian Journal of Zoology</i> , 2003, 51, 429.	1.0	7
38	Social pairing of Seychelles warblers under reduced constraints: MHC, neutral heterozygosity, and age. <i>Behavioral Ecology</i> , 2016, 27, 295-303.	2.2	7
39	Social context-dependent provisioning rules in red-winged fairy-wrens do not vary with signals of increased chick need. <i>Animal Behaviour</i> , 2018, 143, 105-111.	1.9	7
40	Male and female helper effects on maternal investment and adult survival in red-winged fairy-wrens. <i>Behavioral Ecology</i> , 0, , arw121.	2.2	6
41	Sex role similarity and sexual selection predict male and female song elaboration and dimorphism in fairy-wrens. <i>Ecology and Evolution</i> , 2021, 11, 17901-17919.	1.9	6
42	Cross-tags and the unbiased estimation of life-history and demographic parameters. <i>Journal of Animal Ecology</i> , 2021, 90, 2234-2253.	2.8	5
43	<sc>hiphop</sc>: Improved paternity assignment among close relatives using a simple exclusion method for biallelic markers. <i>Molecular Ecology Resources</i> , 2021, 21, 1850-1865.	4.8	4
44	Experimental vacancies do not induce settlement despite habitat saturation in a cooperative breeder. <i>Biology Letters</i> , 2020, 16, 20190757.	2.3	3
45	Sperm Numbers as a Paternity Guard in a Wild Bird. <i>Cells</i> , 2022, 11, 231.	4.1	3
46	No evidence of immediate fitness benefits of within-season divorce in monogamous birds. <i>Biology Letters</i> , 2022, 18, 20210671.	2.3	3
47	Sex biased natal dispersal in a closed, saturated population of Seychelles warblers <i>Acrocephalus sechellensis</i> . <i>Journal of Avian Biology</i> , 2007, .	1.2	2