

Nathalie Seddon

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

7,302
citations

66343

42
h-index

71685

76
g-index

78
all docs

78
docs citations

78
times ranked

6538
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding the value and limits of nature-based solutions to climate change and other global challenges. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190120.	4.0	686
2	Evolutionary divergence in acoustic signals: causes and consequences. <i>Trends in Ecology and Evolution</i> , 2013, 28, 156-166.	8.7	379
3	Getting the message right on nature-based solutions to climate change. <i>Global Change Biology</i> , 2021, 27, 1518-1546.	9.5	363
4	Quantitative criteria for species delimitation. <i>Ibis</i> , 2010, 152, 724-746.	1.9	359
5	Climate change and ecosystems: threats, opportunities and solutions. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190104.	4.0	333
6	Macroevolutionary convergence connects morphological form to ecological function in birds. <i>Nature Ecology and Evolution</i> , 2020, 4, 230-239.	7.8	285
7	AVONET: morphological, ecological and geographical data for all birds. <i>Ecology Letters</i> , 2022, 25, 581-597.	6.4	280
8	ECOLOGICAL ADAPTATION AND SPECIES RECOGNITION DRIVES VOCAL EVOLUTION IN NEOTROPICAL SUBOSCINE BIRDS. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 200-215.	2.3	263
9	The meaning of net zero and how to get it right. <i>Nature Climate Change</i> , 2022, 12, 15-21.	18.8	257
10	Mapping the effectiveness of nature-based solutions for climate change adaptation. <i>Global Change Biology</i> , 2020, 26, 6134-6155.	9.5	249
11	Protecting Important Sites for Biodiversity Contributes to Meeting Global Conservation Targets. <i>PLoS ONE</i> , 2012, 7, e32529.	2.5	237
12	Species coexistence and the dynamics of phenotypic evolution in adaptive radiation. <i>Nature</i> , 2014, 506, 359-363.	27.8	181
13	Grounding nature-based climate solutions in sound biodiversity science. <i>Nature Climate Change</i> , 2019, 9, 84-87.	18.8	177
14	Sexual selection accelerates signal evolution during speciation in birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131065.	2.6	164
15	SONG DIVERGENCE BY SENSORY DRIVE IN AMAZONIAN BIRDS. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, no-no.	2.3	134
16	Nature-based solutions can help cool the planet "if we act now. <i>Nature</i> , 2021, 593, 191-194.	27.8	128
17	The latitudinal gradient in dispersal constraints: ecological specialisation drives diversification in tropical birds. <i>Ecology Letters</i> , 2012, 15, 847-855.	6.4	123
18	Sexually Selected Traits Predict Patterns of Species Richness in a Diverse Clade of Suboscine Birds. <i>American Naturalist</i> , 2008, 171, 620-631.	2.1	116

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19	SIGNAL DESIGN AND PERCEPTION IN <i>HYPOCNEMIS</i> ANTIBIRDS: EVIDENCE FOR CONVERGENT EVOLUTION VIA SOCIAL SELECTION. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 3168-3189.	2.3	109
20	Species interactions and the structure of complex communication networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1020-1025.	7.1	108
21	Male heterozygosity predicts territory size, song structure and reproductive success in a cooperatively breeding bird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 1823-1829.	2.6	107
22	Territoriality, Social Bonds, and the Evolution of Communal Signaling in Birds. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	2.2	106
23	Year-round resource defence and the evolution of male and female song in suboscine birds: social armaments are mutual ornaments. <i>Journal of Evolutionary Biology</i> , 2011, 24, 2118-2138.	1.7	93
24	Song evolution, speciation, and vocal learning in passerine birds. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 786-796.	2.3	92
25	Character displacement from the receiver's perspective: species and mate recognition despite convergent signals in suboscine birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 2475-2483.	2.6	91
26	Global recognition of the importance of nature-based solutions to the impacts of climate change. <i>Global Sustainability</i> , 2020, 3, .	3.3	91
27	Harnessing the potential of nature-based solutions for mitigating and adapting to climate change. <i>Science</i> , 2022, 376, 1410-1416.	12.6	90
28	CORRELATED EVOLUTION OF BEAK MORPHOLOGY AND SONG IN THE NEOTROPICAL WOODCREEPER RADIATION. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 2784-2797.	2.3	88
29	Duets defend mates in a suboscine passerine, the warbling antbird (<i>Hypocnemis cantator</i>). <i>Behavioral Ecology</i> , 2006, 17, 73-83.	2.2	83
30	Human Vision Can Provide a Valid Proxy for Avian Perception of Sexual Dichromatism. <i>Auk</i> , 2010, 127, 283-292.	1.4	82
31	Biodiversity in the Anthropocene: prospects and policy. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20162094.	2.6	82
32	Ecological drivers of song evolution in birds: Disentangling the effects of habitat and morphology. <i>Ecology and Evolution</i> , 2018, 8, 1890-1905.	1.9	74
33	Sperm and sex peptide stimulate aggression in female <i>Drosophila</i> . <i>Nature Ecology and Evolution</i> , 2017, 1, 0154.	7.8	73
34	Song divergence at the edge of Amazonia: an empirical test of the peripatric speciation model. <i>Biological Journal of the Linnean Society</i> , 2007, 90, 173-188.	1.6	72
35	Time to integrate global climate change and biodiversity scienceâ€”policy agendas. <i>Journal of Applied Ecology</i> , 2021, 58, 2384-2393.	4.0	72
36	Signal Jamming Mediates Sexual Conflict in a Duetting Bird. <i>Current Biology</i> , 2009, 19, 577-582.	3.9	69

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37	Conservation issues and priorities in the Mikea Forest of south-west Madagascar. <i>Oryx</i> , 2000, 34, 287-304.	1.0	68
38	Comment on "The Latitudinal Gradient in Recent Speciation and Extinction Rates of Birds and Mammals". <i>Science</i> , 2008, 319, 901-901.	12.6	61
39	Species interactions regulate the collapse of biodiversity and ecosystem function in tropical forest fragments. <i>Ecology</i> , 2015, 96, 2692-2704.	3.2	57
40	Captive Rearing Experiments Confirm Song Development without Learning in a Tracheophone Suboscine Bird. <i>PLoS ONE</i> , 2014, 9, e95746.	2.5	50
41	Widespread correlations between climatic niche evolution and species diversification in birds. <i>Journal of Animal Ecology</i> , 2016, 85, 869-878.	2.8	48
42	The structure, context and possible functions of solos, duets and choruses in the subdesert mesite (<i>Monias benschi</i>). <i>Behaviour</i> , 2002, 139, 645-676.	0.8	45
43	Ecological adaptation and species recognition drives vocal evolution in neotropical suboscine birds. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 200-15.	2.3	45
44	VOCAL COMMUNICATION IN THE PALE-WINGED TRUMPETER (<i>PSOPHIA LEUCOPTERA</i>): REPERTOIRE, CONTEXT AND FUNCTIONAL REFERENCE. <i>Behaviour</i> , 2002, 139, 1331-1359.	0.8	41
45	Sexual selection, speciation and constraints on geographical range overlap in birds. <i>Ecology Letters</i> , 2017, 20, 863-871.	6.4	40
46	Duetting in the subdesert mesite <i>Monias benschi</i> : evidence for acoustic mate defence?. <i>Behavioral Ecology and Sociobiology</i> , 2002, 52, 7-16.	1.4	37
47	Communal singing in the cooperatively breeding subdesert mesite <i>Monias benschi</i> : evidence of numerical assessment?. <i>Journal of Avian Biology</i> , 2003, 34, 72-80.	1.2	37
48	Female begging in European robins: do neighbors eavesdrop for extrapair copulations?. <i>Behavioral Ecology</i> , 2002, 13, 637-642.	2.2	35
49	Conservation issues and priorities in the Mikea Forest of south-west Madagascar. <i>Oryx</i> , 2000, 34, 287.	1.0	34
50	Territoriality as a paternity guard in the European robin, <i>Erithacus rubecula</i> . <i>Animal Behaviour</i> , 2000, 60, 165-173.	1.9	32
51	Sexual selection and ecological generalism are correlated in antbirds. <i>Journal of Evolutionary Biology</i> , 2009, 22, 623-636.	1.7	30
52	Immigration and dispersal are key determinants of cultural diversity in a songbird population. <i>Behavioral Ecology</i> , 2014, 25, 744-753.	2.2	30
53	Polyandry and competition for territories in bronze-winged jacanas. <i>Journal of Animal Ecology</i> , 1999, 68, 928-939.	2.8	29
54	A robust new metric of phenotypic distance to estimate and compare multiple trait differences among populations. <i>Environmental Epigenetics</i> , 2012, 58, 426-439.	1.8	27

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55	Group living, breeding behaviour and territoriality in the Subdesert Mesite <i>Monias benschi</i> . <i>Ibis</i> , 2003, 145, 277-294.	1.9	25
56	Multi-modal signal evolution in birds: re-examining a standard proxy for sexual selection. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181557.	2.6	24
57	Yelling for sex: harem males compete for female access in bronze-winged jacanas. <i>Animal Behaviour</i> , 1999, 57, 637-646.	1.9	22
58	Range-wide spatial mapping reveals convergent character displacement of bird song. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190443.	2.6	21
59	Harnessing employment-based social assistance programmes to scale up nature-based climate action. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190127.	4.0	21
60	Evaluating artisanal fishing of globally threatened sharks and rays in the Bay of Bengal, Bangladesh. <i>PLoS ONE</i> , 2021, 16, e0256146.	2.5	17
61	Estimating population size in the subdesert mesite (<i>Monias benschi</i>): new methods and implications for conservation. <i>Biological Conservation</i> , 2002, 108, 199-212.	4.1	16
62	Saving the Sundarbans from development. <i>Science</i> , 2020, 368, 1198-1198.	12.6	16
63	ECOLOGICAL ADAPTATION AND SPECIES RECOGNITION DRIVES VOCAL EVOLUTION IN NEOTROPICAL SUBOSCINE BIRDS. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 200.	2.3	15
64	Condition, not eyespan, predicts contest outcome in female stalk-eyed flies, <i>Tetraleopsis dalmani</i> . <i>Ecology and Evolution</i> , 2015, 5, 1826-1836.	1.9	14
65	Threatened mammals of the Cordillera de Colán, Peru. <i>Oryx</i> , 1995, 29, 275-281.	1.0	13
66	Distribution, Behavior, and Conservation Status of the Rufous Twistwing (<i>Cnipodectes superrufus</i>). <i>Wilson Journal of Ornithology</i> , 2008, 120, 38-49.	0.2	9
67	Toward a scoring system for species delimitation: a response to Remsen. <i>Journal of Field Ornithology</i> , 2016, 87, 104-115.	0.5	9
68	The importance of the Nilo and Nguu North Forest Reserves for the conservation of montane forest birds in Tanzania. <i>Biological Conservation</i> , 1999, 87, 59-72.	4.1	8
69	Population size and habitat associations of the Long-tailed Ground-roller <i>Uratelornis chimaera</i> . <i>Bird Conservation International</i> , 2007, 17, 1-12.	1.3	6
70	The conservation status of birds on the Cordillera de Colán, Peru. <i>Bird Conservation International</i> , 1997, 7, 181-195.	1.3	5
71	Notes on the ecology and conservation status of key bird species in Nilo and Nguu North Forest Reserves, Tanzania. <i>Bird Conservation International</i> , 1999, 9, 9-28.	1.3	5
72	Vocalizations and Display in the Long-tailed Ground-roller (<i>Uratelornis chimaera</i>). <i>The Wilson Bulletin</i> , 2003, 115, 193-196.	0.5	4

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73	BREEDING, FORAGING, AND VOCAL BEHAVIOR OF THE WHITE-THROATED JACAMAR (BRACHYGALBA Tj ETQq1 1 0,784314 rgBT /Ove	0.5	14
74	Reading the sand: identifying bird tracks in Madagascar's spiny forest. Bulletin of the African Bird Club, 2002, 9, 12-15.	0.1	3
75	Project Mount Nilo '95: Discoveries in the East Usambara and Nguu Mountains, Northern Tanzania. Bulletin of the African Bird Club, 1996, 3, 90-95.	0.1	2
76	Birding in and around the East Usambaras, north-east Tanzania. Bulletin of the African Bird Club, 1997, 4, 116-129.	0.1	1
77	Cover Image: Volume 25 Number 3, March 2022. Ecology Letters, 2022, 25, .	6.4	0