Matthew Low

List of Publications by Year
in descending order

84 papers	1,942 citations	279487 23 h-index	315357 38 g-index
84 all docs	84 docs citations	84 times ranked	3214 citing authors

#	Article	IF	Citations
1	Phenological Changes in the Southern Hemisphere. PLoS ONE, 2013, 8, e75514.	1.1	161
2	Archiving Primary Data: Solutions for Long-Term Studies. Trends in Ecology and Evolution, 2015, 30, 581-589.	4.2	98
3	Rainfall during parental care reduces reproductive and survival components of fitness in a passerine bird. Ecology and Evolution, 2015, 5, 345-356.	0.8	97
4	Prospectors combine social and environmental information to improve habitat selection and breeding success in the subsequent year. Journal of Animal Ecology, 2011, 80, 1227-1235.	1.3	77
5	Approaching Ecological Sustainability in the Emerging Insects-as-Food Industry. Trends in Ecology and Evolution, 2019, 34, 132-138.	4.2	77
6	Habitatâ€specific differences in adult survival rates and its links to parental workload and onâ€nest predation. Journal of Animal Ecology, 2010, 79, 214-224.	1.3	74
7	Patterns of mortality for each lifeâ€history stage in a population of the endangered New Zealand stitchbird. Journal of Animal Ecology, 2009, 78, 761-771.	1.3	56
8	Identification errors in camera-trap studies result in systematic population overestimation. Scientific Reports, 2020, 10, 6393.	1.6	53
9	Effect of Geolocators on Migration and Subsequent Breeding Performance of a Long-Distance Passerine Migrant. PLoS ONE, 2013, 8, e82316.	1.1	52
10	Age-specific variation in reproduction is largely explained by the timing of territory establishment in the New Zealand stitchbird Notiomystis cincta. Journal of Animal Ecology, 2007, 76, 459-470.	1.3	46
11	The energetic cost of mate guarding is correlated with territorial intrusions in the New Zealand stitchbird. Behavioral Ecology, 2006, 17, 270-276.	1.0	44
12	Prolonged stopover duration characterises migration strategy and constraints of a long-distance migrant songbird. Animal Migration, 2015, 2, 47-62.	1.1	42
13	Reproductive patterns result from ageâ€related sensitivity to resources and reproductive costs in a mammalian carnivore. Ecology, 2015, 96, 3153-3164.	1.5	42
14	Food availability and offspring demand influence sex-specific patterns and repeatability of parental provisioning. Behavioral Ecology, 2012, 23, 25-34.	1.0	38
15	An integrated management strategy to prevent outbreaks and eliminate infection pressure of American foulbrood disease in a commercial beekeeping operation. Preventive Veterinary Medicine, 2019, 167, 48-52.	0.7	37
16	Female resistance and male force: context and patterns of copulation in the New Zealand stitchbirdNotiomystis cincta. Journal of Avian Biology, 2005, 36, 436-448.	0.6	36
17	Differential demographic responses of sympatric Parids to vegetation management in boreal forest. Forest Ecology and Management, 2014, 319, 169-175.	1.4	36
18	Intensity of space use reveals conditional sexâ€specific effects of prey and conspecific density on home range size. Ecology and Evolution, 2016, 6, 2957-2967.	0.8	35

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19	Decomposing the seasonal fitness decline. Oecologia, 2014, 174, 139-150.	0.9	33
20	Tourism and conservation: The effects of track proximity on avian reproductive success and nest selection in an open sanctuary. Tourism Management, 2008, 29, 730-739.	5.8	29
21	New methods and technologies for regional-scale abundance estimation of land-breeding marine animals: application to AdÃ©lie penguin populations in East Antarctica. Polar Biology, 2013, 36, 843-856.	0.5	29
22	Sexâ€specific seasonal variation in puma and snow leopard home range utilization. Ecosphere, 2018, 9, e02371.	1.0	29
23	Delayed timing of breeding as a cost of reproduction. Journal of Avian Biology, 2015, 46, 325-331.	0.6	26
24	Improving scientific rigour in conservation evaluations and a plea deal for transparency on potential biases. Conservation Letters, 2020, 13, e12726.	2.8	26
25	Can sexual selection theory inform genetic management of captive populations? A review. Evolutionary Applications, 2014, 7, 1120-1133.	1.5	25
26	Female weight predicts the timing of forced copulation attempts in stitchbirds, Notiomystis cincta. Animal Behaviour, 2004, 68, 637-644.	0.8	24
27	Daily patterns of nest visits are correlated with ambient temperature in the Northern Wheatear. Journal of Ornithology, 2008, 149, 515-519.	0.5	24
28	Malaria infections reinforce competitive asymmetry between two Ficedula flycatchers in a recent contact zone. Molecular Ecology, 2013, 22, 4591-4601.	2.0	24
29	Contrast in Edge Vegetation Structure Modifies the Predation Risk of Natural Ground Nests in an Agricultural Landscape. PLoS ONE, 2012, 7, e31517.	1.1	23
30	Genotype identity has a more important influence than genotype diversity on shoot biomass productivity in willow shortâ€rotation coppices. GCB Bioenergy, 2018, 10, 534-547.	2.5	21
31	Evaluating rangeâ€expansion models for calculating nonnative species' expansion rate. Ecology and Evolution, 2014, 4, 2812-2822.	0.8	20
32	Quantifying the links between land use and population growth rate in a declining farmland bird. Ecology and Evolution, 2019, 9, 868-879.	0.8	18
33	Using regression trees to predict patterns of male provisioning in the stitchbird (hihi). Animal Behaviour, 2006, 71, 1057-1068.	0.8	17
34	Impact of temperature on the breeding performance and selection patterns in lesser kestrels Falco naumanni. Journal of Avian Biology, 2012, 43, 472-480.	0.6	17
35	Factors influencing the presence of the endangered Egyptian vulture Neophron percnopterus in Rukum, Nepal. Global Ecology and Conservation, 2019, 20, e00727.	1.0	17
36	The timing of breeding and independence for snow leopard females and their cubs. Mammalian Biology, 2021, 101, 173-180.	0.8	17

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37	Hematologic and Biochemical Reference Ranges for the Kakapo (Strigops habroptilus): Generation and Interpretation in a Field-based Wildlife Recovery Program. , 2006, 20, 80-88.		16
38	Using current systems to inform rearing facility design in the insect-as-food industry. Journal of Insects As Food and Feed, 2018, 4, 167-170.	2.1	16
39	Disentangling olfactory and visual information used by field foraging birds. Ecology and Evolution, 2019, 9, 545-552.	0.8	16
40	Why we should care about movements: Using spatially explicit integrated population models to assess habitat sourceâ€“sink dynamics. Journal of Animal Ecology, 2020, 89, 2922-2933.	1.3	16
41	Malaria-Infected Female Collared Flycatchers (Ficedula albicollis) Do Not Pay the Cost of Late Breeding. PLoS ONE, 2014, 9, e85822.	1.1	16
42	Limited gene flow may enhance adaptation to local optima in isolated populations of the Roeselâ€™s bush cricket (Metrioptera roeselii). Journal of Evolutionary Biology, 2011, 24, 381-390.	0.8	15
43	Fitness implications of seasonal climate variation in Columbian ground squirrels. Ecology and Evolution, 2016, 6, 5614-5622.	0.8	15
44	Disentangling the effects of date, individual, and territory quality on the seasonal decline in fitness. Ecology, 2017, 98, 2102-2110.	1.5	15
45	What is good for birds is not always good for lichens: Interactions between forest structure and species richness in managed boreal forests. Forest Ecology and Management, 2020, 473, 118327.	1.4	15
46	Adapted tolerance to virus infections in four geographically distinct Varroa destructor-resistant honeybee populations. Scientific Reports, 2021, 11, 12359.	1.6	15
47	Leg problems and banding-associated leg injuries in a closely monitored population of North Island robin (Petroica longipes). Wildlife Research, 2004, 31, 535.	0.7	14
48	Diagnostic protocols for the detection of Acheta domesticus densovirus (AdDV) in cricket frass. Journal of Virological Methods, 2019, 264, 61-64.	1.0	14
49	Black and white or shades of grey? Detectability of AdÃ©lie penguins during shipboard surveys in the Antarctic packâ€ice. Journal of Applied Ecology, 2009, 46, 136-143.	1.9	13
50	The persistence of the snow petrel (Pagodroma nivea) in Dronning Maud Land (Antarctica) for over 37,000Âyears. Polar Biology, 2011, 34, 609-613.	0.5	13
51	When significance becomes insignificant: Effect sizes and their uncertainties in Bayesian and frequentist frameworks as an alternative approach when analyzing ecotoxicological data. Environmental Toxicology and Chemistry, 2018, 37, 1949-1955.	2.2	13
52	Integrated population models poorly estimate the demographic contribution of immigration. Methods in Ecology and Evolution, 2021, 12, 1899-1910.	2.2	13
53	Livestock husbandry practices and herd composition influence leopard-human conflict in Pokhara Valley, Nepal. Human Dimensions of Wildlife, 2020, 25, 62-69.	1.0	11
54	Virus Diversity and Loads in Crickets Reared for Feed: Implications for Husbandry. Frontiers in Veterinary Science, 2021, 8, 642085.	0.9	11

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55	Cloacal erection promotes vent apposition during forced copulation in the New Zealand stitchbird (hihi): implications for copulation efficiency in other species. Behavioral Ecology and Sociobiology, 2005, 58, 247-255.	0.6	10
56	Laying gaps in the New Zealand Stitchbird are correlated with female harassment by extra-pair males. Emu, 2008, 108, 28-34.	0.2	10
57	Solutions for Archiving Data in Long-Term Studies: A Reply to Whitlock et al.. Trends in Ecology and Evolution, 2016, 31, 85-87.	4.2	10
58	Sex, age and season influence morphometries in the New Zealand Stitchbird (or Hihi; Notiomystis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.2	9
59	On Variation of Polyandry in a Bush-Cricket,Metrioptera roeselii, in Northern Europe. Journal of Insect Science, 2013, 13, 1-10.	0.9	9
60	Village modernization may contribute more to farmland bird declines than agricultural intensification. Conservation Letters, 2021, 14, e12843.	2.8	9
61	Tree species identity and composition shape the epiphytic lichen community of structurally simple boreal forests over vast areas. PLoS ONE, 2021, 16, e0257564.	1.1	8
62	Evaluation of passive integrated transponders for identification of Kakapo, Strigops habroptilus. Emu, 2005, 105, 33-38.	0.2	7
63	Number and distribution of AdÃ©lie penguin (Pygoscelis adeliae) breeding sites in the Robinson Group of islands, Mac.Robertson Land coast, east Antarctica. Polar Record, 2007, 43, 225-229.	0.4	7
64	Crop damage by granivorous birds despite protection efforts by human bird scarers in a sorghum field in western Kenya. Ostrich, 2014, 85, 153-159.	0.4	7
65	The importance of accounting for larval detectability in mosquito habitat-association studies. Malaria Journal, 2016, 15, 253.	0.8	7
66	Resource dispersion and relatedness interact to explain space use in a solitary predator. Oikos, 2020, 129, 1174-1184.	1.2	7
67	Influence of linear versus network corridors on the movement and dispersal of the bush-cricket Metrioptera roeseli (Orthoptera: Tettigoniidae) in an experimental landscape. European Journal of Entomology, 2013, 110, 81-86.	1.2	7
68	Factors influencing the global distribution of the endangered Egyptian vulture. Scientific Reports, 2021, 11, 21901.	1.6	7
69	Trends in seabird breeding populations across the Great Barrier Reef. Conservation Biology, 2021, 35, 846-858.	2.4	6
70	Increasing risks for emerging infectious diseases within a rapidly changing High Asia. Ambio, 2022, 51, 494-507.	2.8	6
71	Sub-lingual oral fistulas in free-living stitchbirds (Notiomystis cincta). Avian Pathology, 2007, 36, 101-107.	0.8	5
72	Factors influencing plasticity in the arrivalâ€breeding interval in a migratory species reacting to climate change. Ecology and Evolution, 2019, 9, 12291-12301.	0.8	5

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73	Demography, heritability and genetic correlation of feline hip dysplasia and response to selection in a health screening programme. Scientific Reports, 2019, 9, 17164.	1.6	5
74	Pruritic Facial Dermatitis in a Population of Free-living Stitchbirds. Journal of Wildlife Diseases, 2007, 43, 262-268.	0.3	4
75	Predator hunting mode and host plant quality shape attackâ€abatement patterns of predation risk in an insect herbivore. Ecosphere, 2016, 7, e01541.	1.0	4
76	Short-term experimental support for bird diversity retention measures during thinning in European boreal forests. Forest Ecology and Management, 2022, 509, 120084.	1.4	4
77	Sexual dichromatism in North Island Robins (Petroica longipes) is weakened by delayed plumage maturation in males and females. Emu, 2006, 106, 203-209.	0.2	3
78	Gene flow relates to evolutionary divergence among populations at the range margin. PeerJ, 2020, 8, e10036.	0.9	3
79	Experimental evaluation of a new ground-based survey method for estimating the density and abundance of nesting AdÃ©lie penguins Pygoscelis adeliae. Polar Biology, 2008, 31, 309-315.	0.5	2
80	First comprehensive abundance survey of a newly discovered AdÃ©lie penguin breeding metapopulation in the Robinson Group of islands, Mac.Robertson Land, East Antarctica. Antarctic Science, 2014, 26, 265-266.	0.5	2
81	The Relationship Between Morphological Symmetry and Immune Response in Wild-Caught Adult Bush-Crickets. Symmetry, 2009, 1, 106-114.	1.1	1
82	Viral infection changes the expression of personality traits in an insect species reared for consumption. Scientific Reports, 2022, 12, .	1.6	1
83	Towards a sustainable insect food production system. , 2018, , .		0
84	Village modernization and reduced abundance of farmland birds: Why compensation for lost nesting sites may not be enough. Conservation Letters, 2022, 15, .	2.8	0