

# Matthew Low

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Increasing risks for emerging infectious diseases within a rapidly changing High Asia. <i>Ambio</i> , 2022, 51, 494-507.	2.8	6
2	Village modernization and reduced abundance of farmland birds: Why compensation for lost nesting sites may not be enough. <i>Conservation Letters</i> , 2022, 15, .	2.8	0
3	Short-term experimental support for bird diversity retention measures during thinning in European boreal forests. <i>Forest Ecology and Management</i> , 2022, 509, 120084.	1.4	4
4	Viral infection changes the expression of personality traits in an insect species reared for consumption. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
5	The timing of breeding and independence for snow leopard females and their cubs. <i>Mammalian Biology</i> , 2021, 101, 173-180.	0.8	17
6	Trends in seabird breeding populations across the Great Barrier Reef. <i>Conservation Biology</i> , 2021, 35, 846-858.	2.4	6
7	Virus Diversity and Loads in Crickets Reared for Feed: Implications for Husbandry. <i>Frontiers in Veterinary Science</i> , 2021, 8, 642085.	0.9	11
8	Adapted tolerance to virus infections in four geographically distinct <i>Varroa destructor</i> -resistant honeybee populations. <i>Scientific Reports</i> , 2021, 11, 12359.	1.6	15
9	Integrated population models poorly estimate the demographic contribution of immigration. <i>Methods in Ecology and Evolution</i> , 2021, 12, 1899-1910.	2.2	13
10	Tree species identity and composition shape the epiphytic lichen community of structurally simple boreal forests over vast areas. <i>PLoS ONE</i> , 2021, 16, e0257564.	1.1	8
11	Village modernization may contribute more to farmland bird declines than agricultural intensification. <i>Conservation Letters</i> , 2021, 14, e12843.	2.8	9
12	Factors influencing the global distribution of the endangered Egyptian vulture. <i>Scientific Reports</i> , 2021, 11, 21901.	1.6	7
13	Livestock husbandry practices and herd composition influence leopard-human conflict in Pokhara Valley, Nepal. <i>Human Dimensions of Wildlife</i> , 2020, 25, 62-69.	1.0	11
14	Why we should care about movements: Using spatially explicit integrated population models to assess habitat source-sink dynamics. <i>Journal of Animal Ecology</i> , 2020, 89, 2922-2933.	1.3	16
15	What is good for birds is not always good for lichens: Interactions between forest structure and species richness in managed boreal forests. <i>Forest Ecology and Management</i> , 2020, 473, 118327.	1.4	15
16	Resource dispersion and relatedness interact to explain space use in a solitary predator. <i>Oikos</i> , 2020, 129, 1174-1184.	1.2	7
17	Improving scientific rigour in conservation evaluations and a plea deal for transparency on potential biases. <i>Conservation Letters</i> , 2020, 13, e12726.	2.8	26
18	Identification errors in camera-trap studies result in systematic population overestimation. <i>Scientific Reports</i> , 2020, 10, 6393.	1.6	53

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19	Gene flow relates to evolutionary divergence among populations at the range margin. <i>PeerJ</i> , 2020, 8, e10036.	0.9	3
20	Factors influencing the presence of the endangered Egyptian vulture <i>Neophron percnopterus</i> in Rukum, Nepal. <i>Global Ecology and Conservation</i> , 2019, 20, e00727.	1.0	17
21	An integrated management strategy to prevent outbreaks and eliminate infection pressure of American foulbrood disease in a commercial beekeeping operation. <i>Preventive Veterinary Medicine</i> , 2019, 167, 48-52.	0.7	37
22	Disentangling olfactory and visual information used by field foraging birds. <i>Ecology and Evolution</i> , 2019, 9, 545-552.	0.8	16
23	Quantifying the links between land use and population growth rate in a declining farmland bird. <i>Ecology and Evolution</i> , 2019, 9, 868-879.	0.8	18
24	Factors influencing plasticity in the arrival and breeding interval in a migratory species reacting to climate change. <i>Ecology and Evolution</i> , 2019, 9, 12291-12301.	0.8	5
25	Demography, heritability and genetic correlation of feline hip dysplasia and response to selection in a health screening programme. <i>Scientific Reports</i> , 2019, 9, 17164.	1.6	5
26	Diagnostic protocols for the detection of <i>Acheta domesticus</i> densovirus (AdDV) in cricket frass. <i>Journal of Virological Methods</i> , 2019, 264, 61-64.	1.0	14
27	Approaching Ecological Sustainability in the Emerging Insects-as-Food Industry. <i>Trends in Ecology and Evolution</i> , 2019, 34, 132-138.	4.2	77
28	When significance becomes insignificant: Effect sizes and their uncertainties in Bayesian and frequentist frameworks as an alternative approach when analyzing ecotoxicological data. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 1949-1955.	2.2	13
29	Genotype identity has a more important influence than genotype diversity on shoot biomass productivity in willow short-rotation coppices. <i>GCB Bioenergy</i> , 2018, 10, 534-547.	2.5	21
30	Sex-specific seasonal variation in puma and snow leopard home range utilization. <i>Ecosphere</i> , 2018, 9, e02371.	1.0	29
31	Using current systems to inform rearing facility design in the insect-as-food industry. <i>Journal of Insects As Food and Feed</i> , 2018, 4, 167-170.	2.1	16
32	Towards a sustainable insect food production system. , 2018, , .		0
33	Disentangling the effects of date, individual, and territory quality on the seasonal decline in fitness. <i>Ecology</i> , 2017, 98, 2102-2110.	1.5	15
34	Intensity of space use reveals conditional sex-specific effects of prey and conspecific density on home range size. <i>Ecology and Evolution</i> , 2016, 6, 2957-2967.	0.8	35
35	Fitness implications of seasonal climate variation in Columbian ground squirrels. <i>Ecology and Evolution</i> , 2016, 6, 5614-5622.	0.8	15
36	Predator hunting mode and host plant quality shape attack and abatement patterns of predation risk in an insect herbivore. <i>Ecosphere</i> , 2016, 7, e01541.	1.0	4

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37	The importance of accounting for larval detectability in mosquito habitat-association studies. <i>Malaria Journal</i> , 2016, 15, 253.	0.8	7
38	Solutions for Archiving Data in Long-Term Studies: A Reply to Whitlock et al.. <i>Trends in Ecology and Evolution</i> , 2016, 31, 85-87.	4.2	10
39	Prolonged stopover duration characterises migration strategy and constraints of a long-distance migrant songbird. <i>Animal Migration</i> , 2015, 2, 47-62.	1.1	42
40	Rainfall during parental care reduces reproductive and survival components of fitness in a passerine bird. <i>Ecology and Evolution</i> , 2015, 5, 345-356.	0.8	97
41	Delayed timing of breeding as a cost of reproduction. <i>Journal of Avian Biology</i> , 2015, 46, 325-331.	0.6	26
42	Reproductive patterns result from age-related sensitivity to resources and reproductive costs in a mammalian carnivore. <i>Ecology</i> , 2015, 96, 3153-3164.	1.5	42
43	Archiving Primary Data: Solutions for Long-Term Studies. <i>Trends in Ecology and Evolution</i> , 2015, 30, 581-589.	4.2	98
44	Evaluating range expansion models for calculating nonnative species' expansion rate. <i>Ecology and Evolution</i> , 2014, 4, 2812-2822.	0.8	20
45	Can sexual selection theory inform genetic management of captive populations? A review. <i>Evolutionary Applications</i> , 2014, 7, 1120-1133.	1.5	25
46	Decomposing the seasonal fitness decline. <i>Oecologia</i> , 2014, 174, 139-150.	0.9	33
47	Crop damage by granivorous birds despite protection efforts by human bird scarers in a sorghum field in western Kenya. <i>Ostrich</i> , 2014, 85, 153-159.	0.4	7
48	Differential demographic responses of sympatric Parids to vegetation management in boreal forest. <i>Forest Ecology and Management</i> , 2014, 319, 169-175.	1.4	36
49	First comprehensive abundance survey of a newly discovered Adelie penguin breeding metapopulation in the Robinson Group of islands, Mac.Robertson Land, East Antarctica. <i>Antarctic Science</i> , 2014, 26, 265-266.	0.5	2
50	Malaria-Infected Female Collared Flycatchers ( <i>Ficedula albicollis</i> ) Do Not Pay the Cost of Late Breeding. <i>PLoS ONE</i> , 2014, 9, e85822.	1.1	16
51	Malaria infections reinforce competitive asymmetry between two <i>Ficedula</i> flycatchers in a recent contact zone. <i>Molecular Ecology</i> , 2013, 22, 4591-4601.	2.0	24
52	New methods and technologies for regional-scale abundance estimation of land-breeding marine animals: application to Adelie penguin populations in East Antarctica. <i>Polar Biology</i> , 2013, 36, 843-856.	0.5	29
53	On Variation of Polyandry in a Bush-Cricket, <i>Metriopectera roeselii</i> , in Northern Europe. <i>Journal of Insect Science</i> , 2013, 13, 1-10.	0.9	9
54	Phenological Changes in the Southern Hemisphere. <i>PLoS ONE</i> , 2013, 8, e75514.	1.1	161

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55	Effect of Geolocators on Migration and Subsequent Breeding Performance of a Long-Distance Passerine Migrant. <i>PLoS ONE</i> , 2013, 8, e82316.	1.1	52
56	Influence of linear versus network corridors on the movement and dispersal of the bush-cricket <i>Metrioptera roeseli</i> (Orthoptera: Tettigoniidae) in an experimental landscape. <i>European Journal of Entomology</i> , 2013, 110, 81-86.	1.2	7
57	Impact of temperature on the breeding performance and selection patterns in lesser kestrels <i>Falco naumanni</i> . <i>Journal of Avian Biology</i> , 2012, 43, 472-480.	0.6	17
58	Food availability and offspring demand influence sex-specific patterns and repeatability of parental provisioning. <i>Behavioral Ecology</i> , 2012, 23, 25-34.	1.0	38
59	Contrast in Edge Vegetation Structure Modifies the Predation Risk of Natural Ground Nests in an Agricultural Landscape. <i>PLoS ONE</i> , 2012, 7, e31517.	1.1	23
60	Limited gene flow may enhance adaptation to local optima in isolated populations of the Roesel's bush cricket ( <i>Metrioptera roeseli</i> ). <i>Journal of Evolutionary Biology</i> , 2011, 24, 381-390.	0.8	15
61	Prospectors combine social and environmental information to improve habitat selection and breeding success in the subsequent year. <i>Journal of Animal Ecology</i> , 2011, 80, 1227-1235.	1.3	77
62	The persistence of the snow petrel ( <i>Pagodroma nivea</i> ) in Dronning Maud Land (Antarctica) for over 37,000 years. <i>Polar Biology</i> , 2011, 34, 609-613.	0.5	13
63	Habitat-specific differences in adult survival rates and its links to parental workload and on-nest predation. <i>Journal of Animal Ecology</i> , 2010, 79, 214-224.	1.3	74
64	The Relationship Between Morphological Symmetry and Immune Response in Wild-Caught Adult Bush-Crickets. <i>Symmetry</i> , 2009, 1, 106-114.	1.1	1
65	Patterns of mortality for each life-history stage in a population of the endangered New Zealand stitchbird. <i>Journal of Animal Ecology</i> , 2009, 78, 761-771.	1.3	56
66	Black and white or shades of grey? Detectability of Adelie penguins during shipboard surveys in the Antarctic pack-ice. <i>Journal of Applied Ecology</i> , 2009, 46, 136-143.	1.9	13
67	Experimental evaluation of a new ground-based survey method for estimating the density and abundance of nesting Adelie penguins <i>Pygoscelis adeliae</i> . <i>Polar Biology</i> , 2008, 31, 309-315.	0.5	2
68	Daily patterns of nest visits are correlated with ambient temperature in the Northern Wheatear. <i>Journal of Ornithology</i> , 2008, 149, 515-519.	0.5	24
69	Tourism and conservation: The effects of track proximity on avian reproductive success and nest selection in an open sanctuary. <i>Tourism Management</i> , 2008, 29, 730-739.	5.8	29
70	Laying gaps in the New Zealand Stitchbird are correlated with female harassment by extra-pair males. <i>Emu</i> , 2008, 108, 28-34.	0.2	10
71	Pruritic Facial Dermatitis in a Population of Free-living Stitchbirds. <i>Journal of Wildlife Diseases</i> , 2007, 43, 262-268.	0.3	4
72	Number and distribution of Adelie penguin ( <i>Pygoscelis adeliae</i> ) breeding sites in the Robinson Group of islands, Mac.Robertson Land coast, east Antarctica. <i>Polar Record</i> , 2007, 43, 225-229.	0.4	7

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73	Sub-lingual oral fistulas in free-living stitchbirds ( <i>Notiomystis cincta</i> ). <i>Avian Pathology</i> , 2007, 36, 101-107.	0.8	5
74	Age-specific variation in reproduction is largely explained by the timing of territory establishment in the New Zealand stitchbird <i>Notiomystis cincta</i> . <i>Journal of Animal Ecology</i> , 2007, 76, 459-470.	1.3	46
75	Hematologic and Biochemical Reference Ranges for the Kakapo ( <i>Strigops habroptilus</i> ): Generation and Interpretation in a Field-based Wildlife Recovery Program. , 2006, 20, 80-88.		16
76	Sex, age and season influence morphometries in the New Zealand Stitchbird (or Hihi; <i>Notiomystis</i> ) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	0.2	9
77	Sexual dichromatism in North Island Robins ( <i>Petroica longipes</i> ) is weakened by delayed plumage maturation in males and females. <i>Emu</i> , 2006, 106, 203-209.	0.2	3
78	Using regression trees to predict patterns of male provisioning in the stitchbird (hihi). <i>Animal Behaviour</i> , 2006, 71, 1057-1068.	0.8	17
79	The energetic cost of mate guarding is correlated with territorial intrusions in the New Zealand stitchbird. <i>Behavioral Ecology</i> , 2006, 17, 270-276.	1.0	44
80	Female resistance and male force: context and patterns of copulation in the New Zealand stitchbird <i>Notiomystis cincta</i> . <i>Journal of Avian Biology</i> , 2005, 36, 436-448.	0.6	36
81	Cloacal erection promotes vent apposition during forced copulation in the New Zealand stitchbird (hihi): implications for copulation efficiency in other species. <i>Behavioral Ecology and Sociobiology</i> , 2005, 58, 247-255.	0.6	10
82	Evaluation of passive integrated transponders for identification of Kakapo, <i>Strigops habroptilus</i> . <i>Emu</i> , 2005, 105, 33-38.	0.2	7
83	Female weight predicts the timing of forced copulation attempts in stitchbirds, <i>Notiomystis cincta</i> . <i>Animal Behaviour</i> , 2004, 68, 637-644.	0.8	24
84	Leg problems and banding-associated leg injuries in a closely monitored population of North Island robin ( <i>Petroica longipes</i> ). <i>Wildlife Research</i> , 2004, 31, 535.	0.7	14