

Kimberley J Mathot

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

2,295
citations

257450

24
h-index

254184

43
g-index

45
all docs

45
docs citations

45
times ranked

2313
citing authors

#	ARTICLE	IF	CITATIONS
1	Differences in resource acquisition, not allocation, mediate the relationship between behaviour and fitness: a systematic review and meta-analysis. <i>Biological Reviews</i> , 2022, 97, 708-731.	10.4	24
2	Selective disappearance does not underlie age-related changes in trait repeatability in red squirrels. <i>Behavioral Ecology</i> , 2021, 32, 306-315.	2.2	4
3	No effect of passive integrated transponder tagging method on survival or body condition in a northern population of Black-capped Chickadees (<i>Poecile atricapillus</i>). <i>Ecology and Evolution</i> , 2021, 11, 9610-9620.	1.9	4
4	Visual cues of predation risk outweigh acoustic cues: a field experiment in black-capped chickadees. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20202002.	2.6	17
5	Red knots (<i>Calidris canutus islandica</i>) manage body mass with dieting and activity. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	1
6	Context is key: A comment on Herczeg et al. 2019. <i>Journal of Evolutionary Biology</i> , 2019, 32, 1444-1449.	1.7	1
7	Effects of manipulated levels of predation threat on parental provisioning and nestling begging. <i>Behavioral Ecology</i> , 2019, 30, 1123-1135.	2.2	9
8	Within-Individual Canalization Contributes to Age-Related Increases in Trait Repeatability: A Longitudinal Experiment in Red Knots. <i>American Naturalist</i> , 2019, 194, 455-469.	2.1	25
9	Evolutionary design of a flexible, seasonally migratory, avian phenotype: why trade gizzard mass against pectoral muscle mass?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190518.	2.6	4
10	Facultative parasites as evolutionary stepping-stones towards parasitic lifestyles. <i>Biology Letters</i> , 2019, 15, 20190058.	2.3	20
11	The covariance between metabolic rate and behaviour varies across behaviours and thermal types: meta-analytic insights. <i>Biological Reviews</i> , 2019, 94, 1056-1074.	10.4	85
12	Functional relations between body mass and risk-taking behavior in wild great tits. <i>Behavioral Ecology</i> , 2019, 30, 617-623.	2.2	26
13	Models of pace-of-life syndromes (POLS): a systematic review. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	1.4	75
14	To eat and not be eaten: diurnal mass gain and foraging strategies in wintering great tits. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172868.	2.6	29
15	Shorebirds as Integrators and Indicators of Mudflat Ecology. , 2018, , 309-338.		24
16	An experimental test of state-behaviour feedbacks: gizzard mass and foraging behaviour in red knots. <i>Functional Ecology</i> , 2017, 31, 1111-1121.	3.6	19
17	Provisioning tactics of great tits (<i>Parus major</i>) in response to long-term brood size manipulations differ across years. <i>Behavioral Ecology</i> , 2017, 28, 1402-1413.	2.2	20
18	Do great tits (<i>Parus major</i>) suppress basal metabolic rate in response to increased perceived predation danger? A field experiment. <i>Physiology and Behavior</i> , 2016, 164, 400-406.	2.1	14

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19	Sources of (co)variation in alternative siring routes available to male great tits (<i>Parus major</i>). Evolution; International Journal of Organic Evolution, 2016, 70, 2308-2321.	2.3	37
20	A multi-level approach to quantify speed-accuracy trade-offs in great tits (<i>Parus major</i>). Behavioral Ecology, 2016, 27, 1539-1546.	2.2	28
21	Behavioral and morphological responses to perceived predation risk: a field experiment in passerines. Behavioral Ecology, 2016, 27, 857-864.	2.2	49
22	An approach to estimate short-term, long-term and reaction norm repeatability. Methods in Ecology and Evolution, 2015, 6, 1462-1473.	5.2	149
23	Energetics and behavior: unrequited needs and new directions. Trends in Ecology and Evolution, 2015, 30, 199-206.	8.7	140
24	Does metabolic rate predict risk-taking behaviour? A field experiment in a wild passerine bird. Functional Ecology, 2015, 29, 239-249.	3.6	58
25	Energetics and behaviour: a reply to Careau and Garland. Trends in Ecology and Evolution, 2015, 30, 367-368.	8.7	5
26	Sex-specific association between sleep and basal metabolic rate in great tits. Animal Behaviour, 2015, 109, 15-22.	1.9	10
27	Animal personality and state-behaviour feedbacks: a review and guide for empiricists. Trends in Ecology and Evolution, 2015, 30, 50-60.	8.7	472
28	Does coping style predict optimization? An experimental test in a wild passerine bird. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142405.	2.6	42
29	Metabolic Rates Can Drive Individual Differences in Information and Insurance Use under the Risk of Starvation. American Naturalist, 2013, 182, 611-620.	2.1	57
30	Basal metabolic rate can evolve independently of morphological and behavioural traits. Heredity, 2013, 111, 175-181.	2.6	34
31	Slow explorers take less risk: a problem of sampling bias in ecological studies. Behavioral Ecology, 2013, 24, 1092-1098.	2.2	101
32	Adaptive strategies for managing uncertainty may explain personality-related differences in behavioural plasticity. Oikos, 2012, 121, 1009-1020.	2.7	167
33	Disentangling the roles of frequency-vs. state-dependence in generating individual differences in behavioural plasticity. Ecology Letters, 2011, 14, 1254-1262.	6.4	73
34	Family-related differences in social foraging tactic use in the zebra finch (<i>Taeniopygia guttata</i>). Behavioral Ecology and Sociobiology, 2010, 64, 1805-1811.	1.4	11
35	Predator inadvertent social information use favours reduced clumping of its prey. Oikos, 2010, 119, 286-291.	2.7	6
36	Predator escape tactics in birds: linking ecology and aerodynamics. Behavioral Ecology, 2010, 21, 16-25.	2.2	83

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37	Within-group relatedness can lead to higher levels of exploitation: a model and empirical test. <i>Behavioral Ecology</i> , 2010, 21, 843-850.	2.2	33
38	Sediment in Stomach Contents of Western Sandpipers and Dunlin Provide Evidence of Biofilm Feeding. <i>Waterbirds</i> , 2010, 33, 300-306.	0.3	31
39	Differential responses of red knots, <i>Calidris canutus</i> , to perching and flying sparrowhawk, <i>Accipiter nisus</i> , models. <i>Animal Behaviour</i> , 2009, 77, 1179-1185.	1.9	30
40	Testing dynamic variance-sensitive foraging using individual differences in basal metabolic rates of zebra finches. <i>Oikos</i> , 2009, 118, 545-552.	2.7	46
41	BIOFILM GRAZING IN A HIGHER VERTEBRATE: THE WESTERN SANDPIPER, <i>Calidris mauri</i> . <i>Ecology</i> , 2008, 89, 599-606.	3.2	112
42	Increasing vulnerability to predation increases preference for the scrounger foraging tactic. <i>Behavioral Ecology</i> , 2007, 19, 131-138.	2.2	25
43	LATITUDINAL CLINES IN FOOD DISTRIBUTION CORRELATE WITH DIFFERENTIAL MIGRATION IN THE WESTERN SANDPIPER. <i>Ecology</i> , 2007, 88, 781-791.	3.2	51
44	Evidence for sexual partitioning of foraging mode in Western Sandpipers (<i>Calidris mauri</i>) during migration. <i>Canadian Journal of Zoology</i> , 2004, 82, 1035-1042.	1.0	32