

Melissa Bateson

List of Publications by Year in descending order

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Version: 2024-02-01

116
papers

7,927
citations

57631

44
h-index

54797

84
g-index

133
all docs

133
docs citations

133
times ranked

5759
citing authors

#	ARTICLE	IF	CITATIONS
1	Food insecurity and patterns of dietary intake in a sample of UK adults. <i>British Journal of Nutrition</i> , 2022, 128, 770-777.	1.2	11
2	Historical museum samples enable the examination of divergent and parallel evolution during invasion. <i>Molecular Ecology</i> , 2022, 31, 1836-1852.	2.0	11
3	A Refined Method for Studying Foraging Behaviour and Body Mass in Group-Housed European Starlings. <i>Animals</i> , 2022, 12, 1159.	1.0	3
4	Transcriptome and annotation-guided genome assembly of the European starling. <i>Molecular Ecology Resources</i> , 2022, 22, 3141-3160.	2.2	9
5	Provision of Additional Cup Drinkers Mildly Alleviated Moderate Heat Stress Conditions in Broiler Chickens. <i>Journal of Applied Animal Welfare Science</i> , 2021, 24, 188-199.	0.4	5
6	Time perception and patience: individual differences in interval timing precision predict choice impulsivity in European starlings, <i>Sturnus vulgaris</i> . <i>Animal Cognition</i> , 2021, 24, 731-745.	0.9	1
7	Measurement of Telomere Length for Longitudinal Analysis: Implications of Assay Precision. <i>American Journal of Epidemiology</i> , 2021, 190, 1406-1413.	1.6	28
8	Food insecurity increases energetic efficiency, not food consumption: an exploratory study in European starlings. <i>PeerJ</i> , 2021, 9, e11541.	0.9	22
9	Exposure to food insecurity increases energy storage and reduces somatic maintenance in European starlings (<i>Sturnus vulgaris</i>). <i>Royal Society Open Science</i> , 2021, 8, 211099.	1.1	12
10	Pharmacological manipulations of judgement bias: A systematic review and meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 108, 269-286.	2.9	50
11	Optimism, pessimism and judgement bias in animals: A systematic review and meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 118, 3-17.	2.9	66
12	Opportunistic food consumption in relation to childhood and adult food insecurity: An exploratory correlational study. <i>Appetite</i> , 2019, 132, 222-229.	1.8	24
13	Food-Insecure Women Eat a Less Diverse Diet in a More Temporally Variable Way: Evidence from the US National Health and Nutrition Examination Survey, 2013-4. <i>Journal of Obesity</i> , 2019, 2019, 1-9.	1.1	17
14	Controlling for baseline telomere length biases estimates of the rate of telomere attrition. <i>Royal Society Open Science</i> , 2019, 6, 190937.	1.1	12
15	Food Insecurity Moderates the Acute Effect of Subjective Socioeconomic Status on Food Consumption. <i>Frontiers in Psychology</i> , 2019, 10, 1886.	1.1	4
16	Can biomarkers of biological age be used to assess cumulative lifetime experience?. <i>Animal Welfare</i> , 2019, 28, 41-56.	0.3	25
17	Pacing behaviour in laboratory macaques is an unreliable indicator of acute stress. <i>Scientific Reports</i> , 2019, 9, 7476.	1.6	4
18	Smoking does not accelerate leucocyte telomere attrition: a meta-analysis of 18 longitudinal cohorts. <i>Royal Society Open Science</i> , 2019, 6, 190420.	1.1	33

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19	Consequences of measurement error in qPCR telomere data: A simulation study. <i>PLoS ONE</i> , 2019, 14, e0216118.	1.1	34
20	Developmental history, energetic state and choice impulsivity in European starlings, <i>Sturnus vulgaris</i> . <i>Animal Cognition</i> , 2019, 22, 413-421.	0.9	4
21	Validation of hippocampal biomarkers of cumulative affective experience. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 101, 113-121.	2.9	18
22	Developmental history and stress responsiveness are related to response inhibition, but not judgement bias, in a cohort of European starlings (<i>Sturnus vulgaris</i>). <i>Animal Cognition</i> , 2019, 22, 99-111.	0.9	7
23	A marker of biological ageing predicts adult risk preference in European starlings, <i>Sturnus vulgaris</i> . <i>Behavioral Ecology</i> , 2018, 29, 589-597.	1.0	10
24	Why are there associations between telomere length and behaviour?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20160438.	1.8	42
25	Telomeres as integrative markers of exposure to stress and adversity: a systematic review and meta-analysis. <i>Royal Society Open Science</i> , 2018, 5, 180744.	1.1	67
26	Chronological age, biological age, and individual variation in the stress response in the European starling: a follow-up study. <i>PeerJ</i> , 2018, 6, e5842.	0.9	15
27	Evaluating the cyclic ratio schedule as an assay of feeding behaviour in the European starling (<i>Sturnus vulgaris</i>). <i>PLoS ONE</i> , 2018, 13, e0206363.	1.1	1
28	Can starlings use a reliable cue of future food deprivation to adaptively modify foraging and fat reserves?. <i>Animal Behaviour</i> , 2018, 142, 147-155.	0.8	4
29	Early-life begging effort reduces adult body mass but strengthens behavioural defence of the rate of energy intake in European starlings. <i>Royal Society Open Science</i> , 2018, 5, 171918.	1.1	9
30	Validation of an intramuscularly-implanted microchip and a surface infrared thermometer to estimate core body temperature in broiler chickens exposed to heat stress. <i>Computers and Electronics in Agriculture</i> , 2017, 133, 1-8.	3.7	14
31	Do horses with poor welfare show "pessimistic" cognitive biases?. <i>Die Naturwissenschaften</i> , 2017, 104, 8.	0.6	45
32	Adaptive principles of weight regulation: Insufficient, but perhaps necessary, for understanding obesity. <i>Behavioral and Brain Sciences</i> , 2017, 40, e131.	0.4	3
33	Effects of early life adversity and sex on dominance in European starlings. <i>Animal Behaviour</i> , 2017, 128, 51-60.	0.8	4
34	The telomere lengthening conundrum - it could be biology. <i>Aging Cell</i> , 2017, 16, 312-319.	3.0	53
35	A marker of biological age explains individual variation in the strength of the adult stress response. <i>Royal Society Open Science</i> , 2017, 4, 171208.	1.1	22
36	Pacing stereotypes in laboratory rhesus macaques: Implications for animal welfare and the validity of neuroscientific findings. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 83, 508-515.	2.9	28

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37	Early-life adversity accelerates cellular ageing and affects adult inflammation: Experimental evidence from the European starling. <i>Scientific Reports</i> , 2017, 7, 40794.	1.6	71
38	Elevated levels of the stress hormone, corticosterone, cause "pessimistic" judgment bias in broiler chickens. <i>Scientific Reports</i> , 2017, 7, 6860.	1.6	36
39	Dissociating the effects of alternative early-life feeding schedules on the development of adult depression-like phenotypes. <i>Scientific Reports</i> , 2017, 7, 14832.	1.6	8
40	Food insecurity as a driver of obesity in humans: The insurance hypothesis. <i>Behavioral and Brain Sciences</i> , 2017, 40, e105.	0.4	183
41	Detecting telomere elongation in longitudinal datasets: analysis of a proposal by Simons, Stulp and Nakagawa. <i>PeerJ</i> , 2017, 5, e3265.	0.9	5
42	Food restriction reduces neurogenesis in the avian hippocampal formation. <i>PLoS ONE</i> , 2017, 12, e0189158.	1.1	21
43	Childhood and adult socioeconomic position interact to predict health in mid life in a cohort of British women. <i>PeerJ</i> , 2017, 5, e3528.	0.9	15
44	Brood size moderates associations between relative size, telomere length, and immune development in European starling nestlings. <i>Ecology and Evolution</i> , 2016, 6, 8138-8148.	0.8	23
45	Optimistic and pessimistic biases: a primer for behavioural ecologists. <i>Current Opinion in Behavioral Sciences</i> , 2016, 12, 115-121.	2.0	40
46	Attention bias to threat indicates anxiety differences in sheep. <i>Biology Letters</i> , 2016, 12, 20150977.	1.0	61
47	Cumulative stress in research animals: Telomere attrition as a biomarker in a welfare context?. <i>BioEssays</i> , 2016, 38, 201-212.	1.2	99
48	Melissa Bateson. <i>Current Biology</i> , 2015, 25, R591-R593.	1.8	0
49	Early life adversity increases foraging and information gathering in European starlings, <i>Sturnus vulgaris</i> . <i>Animal Behaviour</i> , 2015, 109, 123-132.	0.8	50
50	Developmental and familial predictors of adult cognitive traits in the European starling. <i>Animal Behaviour</i> , 2015, 107, 239-248.	0.8	25
51	Watching eyes on potential litter can reduce littering: evidence from two field experiments. <i>PeerJ</i> , 2015, 3, e1443.	0.9	39
52	Early life disadvantage strengthens flight performance trade-offs in European starlings, <i>Sturnus vulgaris</i> . <i>Animal Behaviour</i> , 2015, 102, 141-148.	0.8	45
53	Developmental telomere attrition predicts impulsive decision-making in adult starlings. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142140.	1.2	62
54	Adaptive developmental plasticity: what is it, how can we recognize it and when can it evolve?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151005.	1.2	202

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55	An experimental demonstration that early-life competitive disadvantage accelerates telomere loss. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20141610.	1.2	120
56	Opposite Effects of Early-Life Competition and Developmental Telomere Attrition on Cognitive Biases in Juvenile European Starlings. <i>PLoS ONE</i> , 2015, 10, e0132602.	1.1	39
57	Development of a cognitive bias methodology for measuring low mood in chimpanzees. <i>PeerJ</i> , 2015, 3, e998.	0.9	48
58	Using body temperature, food and water consumption as biomarkers of disease progression in mice with E134-myc lymphoma. <i>British Journal of Cancer</i> , 2014, 110, 928-934.	2.9	17
59	Better the devil you know: avian predators find variation in prey toxicity aversive. <i>Biology Letters</i> , 2014, 10, 20140533.	1.0	31
60	Humans are not fooled by size illusions in attractiveness judgements. <i>Evolution and Human Behavior</i> , 2014, 35, 133-139.	1.4	11
61	The memory of hunger: developmental plasticity of dietary selectivity in the European starling, <i>Sturnus vulgaris</i> . <i>Animal Behaviour</i> , 2014, 91, 33-40.	0.8	53
62	Of (stressed) mice and men. <i>Nature Methods</i> , 2014, 11, 623-624.	9.0	5
63	Effects of Watching Eyes and Norm Cues on Charitable Giving in a Surreptitious Behavioral Experiment. <i>Evolutionary Psychology</i> , 2014, 12, 878-887.	0.6	31
64	Measuring Motivation for Appetitive Behaviour: Food-Restricted Broiler Breeder Chickens Cross a Water Barrier to Forage in an Area of Wood Shavings without Food. <i>PLoS ONE</i> , 2014, 9, e102322.	1.1	25
65	Responses of chimpanzees to cues of conspecific observation. <i>Animal Behaviour</i> , 2013, 86, 595-602.	0.8	17
66	Conditioned place preference or aversion as animal welfare assessment tools: Limitations in their application. <i>Applied Animal Behaviour Science</i> , 2013, 148, 164-176.	0.8	17
67	Hand rearing affects emotional responses but not basic cognitive performance in European starlings. <i>Animal Behaviour</i> , 2013, 86, 127-138.	0.8	25
68	The watching eyes effect in the Dictator Game: it's not how much you give, it's being seen to give something. <i>Evolution and Human Behavior</i> , 2013, 34, 35-40.	1.4	181
69	Can starling eggs be useful as a biomonitoring tool to study organohalogenated contaminants on a worldwide scale?. <i>Environment International</i> , 2013, 51, 141-149.	4.8	51
70	Effects of developmental history on the behavioural responses of European starlings (<i>Sturnus</i> Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 I	0.3	3
71	Bottom of the Heap: Having Heavier Competitors Accelerates Early-Life Telomere Loss in the European Starling, <i>Sturnus vulgaris</i> . <i>PLoS ONE</i> , 2013, 8, e83617.	1.1	62
72	Do Images of "Watching Eyes"™ Induce Behaviour That Is More Pro-Social or More Normative? A Field Experiment on Littering. <i>PLoS ONE</i> , 2013, 8, e82055.	1.1	105

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73	Educated predators make strategic decisions to eat defended prey according to their toxin content. <i>Behavioral Ecology</i> , 2012, 23, 418-424.	1.0	73
74	Water bathing alters threat perception in starlings. <i>Biology Letters</i> , 2012, 8, 379-381.	1.0	41
75	When Is General Wariness Favored in Avoiding Multiple Predator Types?. <i>American Naturalist</i> , 2012, 179, E180-E195.	1.0	21
76	Context-dependent decisions among options varying in a single dimension. <i>Behavioural Processes</i> , 2012, 89, 115-120.	0.5	36
77	The Evolutionary Origins of Mood and Its Disorders. <i>Current Biology</i> , 2012, 22, R712-R721.	1.8	154
78	The development of stereotypic behavior in caged european starlings, <i>Sturnus vulgaris</i> . <i>Developmental Psychobiology</i> , 2012, 54, 773-784.	0.9	16
79	Environmental enrichment induces optimistic cognitive biases in pigs. <i>Applied Animal Behaviour Science</i> , 2012, 139, 65-73.	0.8	208
80	“Cycle Thieves, We Are Watching You”: Impact of a Simple Signage Intervention against Bicycle Theft. <i>PLoS ONE</i> , 2012, 7, e51738.	1.1	123
81	Anxiety: An Evolutionary Approach. <i>Canadian Journal of Psychiatry</i> , 2011, 56, 707-715.	0.9	149
82	Affective state and quality of life in mice. <i>Pain</i> , 2011, 152, 963-964.	2.0	15
83	Agitated Honeybees Exhibit Pessimistic Cognitive Biases. <i>Current Biology</i> , 2011, 21, 1070-1073.	1.8	272
84	Environmental enrichment induces optimistic cognitive bias in rats. <i>Animal Behaviour</i> , 2011, 81, 169-175.	0.8	174
85	Cognitive bias in the chick anxiety“depression” model. <i>Brain Research</i> , 2011, 1373, 124-130.	1.1	117
86	Effects of eye images on everyday cooperative behavior: a field experiment. <i>Evolution and Human Behavior</i> , 2011, 32, 172-178.	1.4	248
87	Hand-Rearing Reduces Fear of Humans in European Starlings, <i>Sturnus vulgaris</i> . <i>PLoS ONE</i> , 2011, 6, e17466.	1.1	18
88	Fear and Exploration in European Starlings (<i>Sturnus vulgaris</i>): A Comparison of Hand-Reared and Wild-Caught Birds. <i>PLoS ONE</i> , 2011, 6, e19074.	1.1	34
89	Stereotyping starlings are more “pessimistic”. <i>Animal Cognition</i> , 2010, 13, 721-731.	0.9	92
90	The Use of Passerine Bird Species in Laboratory Research: Implications of Basic Biology for Husbandry and Welfare. <i>ILAR Journal</i> , 2010, 51, 394-408.	1.8	61

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91	Water bathing alters the speed-accuracy trade-off of escape flights in European starlings. <i>Animal Behaviour</i> , 2009, 78, 801-807.	0.8	20
92	The effects of cage volume and cage shape on the condition and behaviour of captive European starlings (<i>Sturnus vulgaris</i>). <i>Applied Animal Behaviour Science</i> , 2009, 116, 286-294.	0.8	21
93	Can we use starlings' aversion to eyespots as the basis for a novel "cognitive bias" task?. <i>Applied Animal Behaviour Science</i> , 2009, 118, 182-190.	0.8	35
94	An empirical investigation of two assumptions of motivation testing in captive starlings (<i>Sturnus</i>). <i>Applied Animal Behaviour Science</i> , 2009, 118, 152-160.	0.8	14
95	Patterns of subcutaneous fat deposition and the relationship between body mass index and waist-to-hip ratio: Implications for models of physical attractiveness. <i>Journal of Theoretical Biology</i> , 2009, 256, 343-350.	0.8	56
96	Quantification of abnormal repetitive behaviour in captive European starlings (<i>Sturnus vulgaris</i>). <i>Behavioural Processes</i> , 2009, 82, 256-264.	0.5	22
97	Larger, enriched cages are associated with "optimistic" response biases in captive European starlings (<i>Sturnus vulgaris</i>). <i>Applied Animal Behaviour Science</i> , 2008, 109, 374-383.	0.8	200
98	Use and husbandry of captive European starlings (<i>Sturnus vulgaris</i>) in scientific research: a review of current practice. <i>Laboratory Animals</i> , 2008, 42, 111-126.	0.5	31
99	An analysis of body shape attractiveness based on image statistics: Evidence for a dissociation between expressions of preference and shape discrimination. <i>Visual Cognition</i> , 2007, 15, 927-953.	0.9	28
100	Methodological Issues in Studies of Female Attractiveness. , 2007, , 46-62.		10
101	Cues of being watched enhance cooperation in a real-world setting. <i>Biology Letters</i> , 2006, 2, 412-414.	1.0	987
102	Single-trials analyses demonstrate that increases in clock speed contribute to the methamphetamine-induced horizontal shifts in peak-interval timing functions. <i>Psychopharmacology</i> , 2006, 188, 201-212.	1.5	154
103	Timing in Free-Living Rufous Hummingbirds, <i>Selasphorus rufus</i> . <i>Current Biology</i> , 2006, 16, 512-515.	1.8	141
104	Comparative evaluation and its implications for mate choice. <i>Trends in Ecology and Evolution</i> , 2005, 20, 659-664.	4.2	236
105	Context-dependent foraging decisions in rufous hummingbirds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 1271-1276.	1.2	143
106	Interval Timing and Optimal Foraging. <i>Frontiers in Neuroscience</i> , 2003, , .	0.0	23
107	Recent advances in our understanding of risk-sensitive foraging preferences. <i>Proceedings of the Nutrition Society</i> , 2002, 61, 509-516.	0.4	99
108	Irrational choices in hummingbird foraging behaviour. <i>Animal Behaviour</i> , 2002, 63, 587-596.	0.8	121

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109	Context-dependent foraging choices in risk-sensitive starlings. <i>Animal Behaviour</i> , 2002, 64, 251-260.	0.8	79
110	Starlings' preferences for predictable and unpredictable delays to food. <i>Animal Behaviour</i> , 1997, 53, 1129-1142.	0.8	98
111	Rate currencies and the foraging starling: the fallacy of the averages revisited. <i>Behavioral Ecology</i> , 1996, 7, 341-352.	1.0	127
112	Risky Theories' The Effects of Variance on Foraging Decisions. <i>American Zoologist</i> , 1996, 36, 402-434.	0.7	476
113	The Energetic Costs of Alternative Rate Currencies in the Foraging Starling. <i>Ecology</i> , 1996, 77, 1303-1307.	1.5	10
114	PREFERENCES FOR FIXED AND VARIABLE FOOD SOURCES: VARIABILITY IN AMOUNT AND DELAY. <i>Journal of the Experimental Analysis of Behavior</i> , 1995, 63, 313-329.	0.8	110
115	Accuracy of memory for amount in the foraging starling, <i>Sturnus vulgaris</i> . <i>Animal Behaviour</i> , 1995, 50, 431-443.	0.8	44
116	Mate choice in the polymorphic African swallowtail butterfly, <i>Papilio dardanus</i> : male-like females may avoid sexual harassment. <i>Animal Behaviour</i> , 1994, 47, 389-397.	0.8	112