

# Pat Monaghan

## List of Publications by Year in descending order

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Version: 2024-02-01

143  
papers

12,898  
citations

41344

49  
h-index

24982

109  
g-index

149  
all docs

149  
docs citations

149  
times ranked

9215  
citing authors

#	ARTICLE	IF	CITATIONS
1	Associations between DNA methylation and telomere length during early life: Insight from wild zebra finches ( <i>Taeniopygia guttata</i> ). <i>Molecular Ecology</i> , 2022, 31, 6261-6272.	3.9	8
2	Integrating advances in population and evolutionary ecology with conservation strategy through long-term studies of red-billed choughs. <i>Journal of Animal Ecology</i> , 2022, 91, 20-34.	2.8	2
3	Genetic architecture and heritability of early-life telomere length in a wild passerine. <i>Molecular Ecology</i> , 2022, 31, 6360-6381.	3.9	13
4	Artificial size selection experiment reveals telomere length dynamics and fitness consequences in a wild passerine. <i>Molecular Ecology</i> , 2022, 31, 6224-6238.	3.9	11
5	Experimental demonstration of prenatal programming of mitochondrial aerobic metabolism lasting until adulthood. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20212679.	2.6	16
6	Maternally transferred thyroid hormones and life-history variation in birds. <i>Journal of Animal Ecology</i> , 2022, 91, 1489-1506.	2.8	3
7	Effects of human disturbance on postnatal growth and baseline corticosterone in a long-lived bird. , 2021, 9, coab052.		2
8	PARRY, James and GREENWOOD, Jeremy. <i>Emma Turner: a life looking at birds</i> . <i>Archives of Natural History</i> , 2021, 48, 200-201.	0.3	1
9	Repeated exposure to challenging environmental conditions influences telomere dynamics across adult life as predicted by changes in mortality risk. <i>FASEB Journal</i> , 2021, 35, e21743.	0.5	5
10	Growth acceleration results in faster telomere shortening later in life. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211118.	2.6	18
11	Maternal glucocorticoids promote offspring growth without inducing oxidative stress or shortening telomeres in wild red squirrels. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	13
12	Collateral benefits of targeted supplementary feeding on demography and growth rate of a threatened population. <i>Journal of Applied Ecology</i> , 2020, 57, 2212-2221.	4.0	4
13	Intergenerational Transfer of Ageing: Parental Age and Offspring Lifespan. <i>Trends in Ecology and Evolution</i> , 2020, 35, 927-937.	8.7	58
14	Pace and stability of embryonic development affect telomere dynamics: an experimental study in a precocial bird model. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201378.	2.6	53
15	Climate change and ageing in ectotherms. <i>Global Change Biology</i> , 2020, 26, 5371-5381.	9.5	68
16	Increased glucocorticoid concentrations in early life cause mitochondrial inefficiency and short telomeres. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	53
17	Distinct telomere differences within a reproductively bimodal common lizard population. <i>Functional Ecology</i> , 2019, 33, 1917-1927.	3.6	13
18	Evaluating the efficacy of independent versus simultaneous management strategies to address ecological and genetic threats to population viability. <i>Journal of Applied Ecology</i> , 2019, 56, 2264-2273.	4.0	6

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19	Intergenerational effects on offspring telomere length: interactions among maternal age, stress exposure and offspring sex. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191845.	2.6	19
20	The deteriorating soma and the indispensable germline: gamete senescence and offspring fitness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20192187.	2.6	53
21	A marker of biological ageing predicts adult risk preference in European starlings, <i>Sturnus vulgaris</i> . <i>Behavioral Ecology</i> , 2018, 29, 589-597.	2.2	10
22	Telomere elongation during early development is independent of environmental temperatures in Atlantic salmon. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	27
23	Sex-Specific Associations between Telomere Dynamics and Oxidative Status in Adult and Nestling Pied Flycatchers. <i>Physiological and Biochemical Zoology</i> , 2018, 91, 868-877.	1.5	15
24	Somatic growth and telomere dynamics in vertebrates: relationships, mechanisms and consequences. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20160446.	4.0	165
25	Understanding diversity in telomere dynamics. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20160435.	4.0	45
26	Links between parental life histories of wild salmon and the telomere lengths of their offspring. <i>Molecular Ecology</i> , 2018, 27, 804-814.	3.9	23
27	Environmental conditions shape the temporal pattern of investment in reproduction and survival. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172442.	2.6	25
28	Experimental demonstration that offspring fathered by old males have shorter telomeres and reduced lifespans. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180268.	2.6	36
29	Rank-Related Contrasts in Longevity Arise from Extra-Group Excursions Not Delayed Senescence in a Cooperative Mammal. <i>Current Biology</i> , 2018, 28, 2934-2939.e4.	3.9	31
30	Environmental conditions can modulate the links among oxidative stress, age, and longevity. <i>Mechanisms of Ageing and Development</i> , 2017, 164, 100-107.	4.6	34
31	British Ornithologists' Union Godman Salvin Prize. <i>Ibis</i> , 2017, 159, 707-708.	1.9	0
32	Variation in Reproductive Success Across Captive Populations: Methodological Differences, Potential Biases and Opportunities. <i>Ethology</i> , 2017, 123, 1-29.	1.1	60
33	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.	2.4	22
34	Effects of early-life competition and maternal nutrition on telomere lengths in wild meerkats. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171383.	2.6	42
35	Shorter juvenile telomere length is associated with higher survival to spawning in migratory Atlantic salmon. <i>Functional Ecology</i> , 2017, 31, 2070-2079.	3.6	27
36	Early-life adversity accelerates cellular ageing and affects adult inflammation: Experimental evidence from the European starling. <i>Scientific Reports</i> , 2017, 7, 40794.	3.3	71

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37	Postnatal nutrition influences male attractiveness and promotes plasticity in male mating preferences. <i>Die Naturwissenschaften</i> , 2017, 104, 102.	1.6	4
38	Telomere length measurement by qPCR in birds is affected by storage method of blood samples. <i>Oecologia</i> , 2017, 184, 341-350.	2.0	33
39	Embryonic and postnatal telomere length decrease with ovulation order within clutches. <i>Scientific Reports</i> , 2016, 6, 25915.	3.3	27
40	Influence of diet and foraging strategy on reproductive success in two morphologically similar sympatric seabirds. <i>Bird Study</i> , 2016, 63, 319-329.	1.0	7
41	Evidence of the phenotypic expression of a lethal recessive allele under inbreeding in a wild population of conservation concern. <i>Journal of Animal Ecology</i> , 2016, 85, 879-891.	2.8	22
42	Assessing the effects of repeated handling on the physiology and condition of semi-precocial nestlings. <i>Ibis</i> , 2016, 158, 834-843.	1.9	6
43	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.	1.9	23
44	Age, oxidative stress exposure and fitness in a long-lived seabird. <i>Functional Ecology</i> , 2016, 30, 913-921.	3.6	36
45	Perturbations in growth trajectory due to early diet affect age-related deterioration in performance. <i>Functional Ecology</i> , 2016, 30, 625-635.	3.6	21
46	Parental age influences offspring telomere loss. <i>Functional Ecology</i> , 2016, 30, 1531-1538.	3.6	39
47	Oxidative stress and life histories: unresolved issues and current needs. <i>Ecology and Evolution</i> , 2015, 5, 5745-5757.	1.9	169
48	Developmental and familial predictors of adult cognitive traits in the European starling. <i>Animal Behaviour</i> , 2015, 107, 239-248.	1.9	25
49	Parental resource allocation among offspring varies with increasing brood age in Black-legged Kittiwakes ( <i>Rissa tridactyla</i> ). <i>Bird Study</i> , 2015, 62, 303-314.	1.0	1
50	Interactive effects of early and later nutritional conditions on the adult antioxidant defence system in zebra finches. <i>Journal of Experimental Biology</i> , 2015, 218, 2211-7.	1.7	20
51	Developmental telomere attrition predicts impulsive decision-making in adult starlings. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142140.	2.6	62
52	Are you what you eat? Micronutritional deficiencies during development influence adult personality-related traits. <i>Animal Behaviour</i> , 2015, 101, 129-140.	1.9	23
53	Repeated exposure to stressful conditions can have beneficial effects on survival. <i>Experimental Gerontology</i> , 2015, 69, 170-175.	2.8	40
54	Variation in early-life telomere dynamics in a long-lived bird: links to environmental conditions and survival. <i>Journal of Experimental Biology</i> , 2015, 218, 668-674.	1.7	57

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55	Sex-dependent effects of nutrition on telomere dynamics in zebra finches ( <i>Taeniopygia guttata</i> ). <i>Trends in Ecology and Evolution</i> , 2015, 30, 107-114.	10.784314	515
56	The positive and negative consequences of stressors during early life. <i>Early Human Development</i> , 2015, 91, 643-647.	1.8	71
57	On being the right size: increased body size is associated with reduced telomere length under natural conditions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20152331.	2.6	38
58	Protracted treatment with corticosterone reduces breeding success in a long-lived bird. <i>General and Comparative Endocrinology</i> , 2015, 210, 38-45.	1.8	11
59	An experimental demonstration that early-life competitive disadvantage accelerates telomere loss. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20141610.	2.6	120
60	Variation in Population Synchrony in a Multi-Species Seabird Community: Response to Changes in Predator Abundance. <i>PLoS ONE</i> , 2015, 10, e0131543.	2.5	9
61	Opposite Effects of Early-Life Competition and Developmental Telomere Attrition on Cognitive Biases in Juvenile European Starlings. <i>PLoS ONE</i> , 2015, 10, e0132602.	2.5	39
62	Stress exposure in early post-natal life reduces telomere length: an experimental demonstration in a long-lived seabird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20133151.	2.6	133
63	Organismal stress, telomeres and life histories. <i>Journal of Experimental Biology</i> , 2014, 217, 57-66.	1.7	185
64	Prior hormetic priming is costly under environmental mismatch. <i>Biology Letters</i> , 2014, 10, 20131010.	2.3	51
65	Melanin-Based Color of Plumage: Role of Condition and of Feathers' Microstructure. <i>Integrative and Comparative Biology</i> , 2014, 54, 633-644.	2.0	38
66	Stress and life history. <i>Current Biology</i> , 2014, 24, R408-R412.	3.9	32
67	Out of sight but not out of harm's way: Human disturbance reduces reproductive success of a cavity-nesting seabird. <i>Biological Conservation</i> , 2014, 174, 127-133.	4.1	43
68	Measuring telomere length and telomere dynamics in evolutionary biology and ecology. <i>Methods in Ecology and Evolution</i> , 2014, 5, 299-310.	5.2	158
69	Experimental demonstration of the growth rate–lifespan trade-off. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122370.	2.6	173
70	Does reproduction cause oxidative stress? An open question. <i>Trends in Ecology and Evolution</i> , 2013, 28, 347-350.	8.7	158
71	Loss of integration is associated with reduced resistance to oxidative stress. <i>Journal of Experimental Biology</i> , 2013, 216, 2213-20.	1.7	56
72	Ageing: It's a Dog's Life. <i>Current Biology</i> , 2013, 23, R451-R453.	3.9	37

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73	Bottom of the Heap: Having Heavier Competitors Accelerates Early-Life Telomere Loss in the European Starling, <i>Sturnus vulgaris</i> . PLoS ONE, 2013, 8, e83617.	2.5	62
74	Telomere length in early life predicts lifespan. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1743-1748.	7.1	722
75	For better or worse: reduced adult lifespan following early-life stress is transmitted to breeding partners. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 709-714.	2.6	61
76	Telomere Length in Early Life Predicts Life Span. Obstetrical and Gynecological Survey, 2012, 67, 283-284.	0.4	6
77	The pattern of early growth trajectories affects adult breeding performance. Ecology, 2012, 93, 902-912.	3.2	61
78	Absolute standards as a useful addition to the avian quantitative PCR telomere assay. Journal of Avian Biology, 2012, 43, 571-576.	1.2	13
79	Early life experience primes resistance to oxidative stress. Journal of Experimental Biology, 2012, 215, 2820-2826.	1.7	79
80	Flexibility in the duration of parental care: zebra finch parents respond to offspring needs. Animal Behaviour, 2012, 83, 35-39.	1.9	41
81	Telomeres and longevity. Aging, 2012, 4, 76-77.	3.1	15
82	Diagnosing the timing of demographic bottlenecks: sub-adult survival in red-billed choughs. Journal of Applied Ecology, 2011, 48, 797-805.	4.0	20
83	Costs of compensation: effect of early life conditions and reproduction on flight performance in zebra finches. Oecologia, 2011, 167, 315-323.	2.0	40
84	Birds bias offspring sex ratio in response to livestock grazing. Biology Letters, 2011, 7, 958-960.	2.3	12
85	Biochemical integration of blood redox state in captive zebra finches ( <i>Taeniopygia guttata</i> ). Journal of Experimental Biology, 2011, 214, 1148-1152.	1.7	58
86	Individual state and survival prospects: age, sex, and telomere length in a long-lived seabird. Behavioral Ecology, 2011, 22, 156-161.	2.2	33
87	A Comparison of Dynamic-State-Dependent Models of the Trade-Off Between Growth, Damage, and Reproduction. American Naturalist, 2011, 178, 774-786.	2.1	18
88	Advances in laying date and increasing population size suggest positive responses to climate change in Common Eiders <i>Somateria mollissima</i> in Iceland. Ibis, 2010, 152, 19-28.	1.9	38
89	Parent age, lifespan and offspring survival: structured variation in life history in a wild population. Journal of Animal Ecology, 2010, 79, 851-862.	2.8	60
90	Telomeres and life histories: the long and the short of it. Annals of the New York Academy of Sciences, 2010, 1206, 130-142.	3.8	211

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91	Ecological processes in a hormetic framework. <i>Ecology Letters</i> , 2010, 13, 1435-1447.	6.4	230
92	The trade-off between growth rate and locomotor performance varies with perceived time until breeding. <i>Journal of Experimental Biology</i> , 2010, 213, 3289-3298.	1.7	40
93	Then versus now: effect of developmental and current environmental conditions on incubation effort in birds. <i>Behavioral Ecology</i> , 2010, 21, 999-1004.	2.2	38
94	The Effect of Maternal State on the Steroid and Macronutrient Content of Lesser Black-Backed Gull Eggs. <i>Physiological and Biochemical Zoology</i> , 2010, 83, 1009-1022.	1.5	8
95	Telomere dynamics rather than age predict life expectancy in the wild. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 1679-1683.	2.6	234
96	Real-time quantitative PCR assay for measurement of avian telomeres. <i>Journal of Avian Biology</i> , 2009, 40, 342-347.	1.2	194
97	Oxidative stress as a mediator of life history trade-offs: mechanisms, measurements and interpretation. <i>Ecology Letters</i> , 2009, 12, 75-92.	6.4	1,083
98	Temperature-mediated morphology changes during metamorphic climax in the African clawed frog, <i>Xenopus laevis</i> . <i>Journal of Thermal Biology</i> , 2008, 33, 244-249.	2.5	21
99	Early growth conditions, phenotypic development and environmental change. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 1635-1645.	4.0	778
100	Early nutrition and phenotypic development: "catch-up" growth leads to elevated metabolic rate in adulthood. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 1565-1570.	2.6	163
101	Age of the incubating parents affects nestling survival: an experimental study of the herring gull <i>Larus argentatus</i> . <i>Journal of Avian Biology</i> , 2007, 38, 83-93.	1.2	24
102	Carotenoid pigmentation does not reflect total non-enzymatic antioxidant activity in plasma of adult and nestling great tits, <i>Parus major</i> . <i>Functional Ecology</i> , 2007, 21, 1123-1129.	3.6	58
103	Sex-specific differences in compensation for poor neonatal nutrition in the zebra finch <i>Taeniopygia guttata</i> . <i>Journal of Avian Biology</i> , 2007, 38, 356-366.	1.2	40
104	Do telomere dynamics link lifestyle and lifespan?. <i>Trends in Ecology and Evolution</i> , 2006, 21, 47-53.	8.7	304
105	Compensatory Growth Impairs Adult Cognitive Performance. <i>PLoS Biology</i> , 2006, 4, e251.	5.6	118
106	Effects of neonatal nutrition on adult reproduction in a passerine bird. <i>Ibis</i> , 2006, 148, 509-514.	1.9	62
107	Effects of early incubation constancy on embryonic development: An experimental study in the herring gull <i>Larus argentatus</i> . <i>Journal of Thermal Biology</i> , 2006, 31, 416-421.	2.5	17
108	Interacting effects of nest shelter and breeder quality on behaviour and breeding performance of herring gulls. <i>Animal Behaviour</i> , 2005, 69, 301-306.	1.9	47

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109	Intra-specific interactions influence egg composition in the lesser black-backed gull ( <i>Larus fuscus</i> ). <i>Behavioral Ecology and Sociobiology</i> , 2005, 57, 357-365.	1.4	58
110	Effects of vegetation on nest microclimate and breeding performance of lesser black-backed gulls ( <i>Larus fuscus</i> ). <i>Journal Fur Ornithologie</i> , 2005, 146, 176-183.	1.2	33
111	Telomere loss in relation to age and early environment in long-lived birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 1571-1576.	2.6	183
112	Sex differences in embryo development periods and effects on avian hatching patterns. <i>Behavioral Ecology</i> , 2004, 15, 205-209.	2.2	27
113	Human disturbance: people as predation-free predators?. <i>Journal of Applied Ecology</i> , 2004, 41, 335-343.	4.0	341
114	Behavioural responses to human disturbance: a matter of choice?. <i>Animal Behaviour</i> , 2004, 68, 1065-1069.	1.9	260
115	Using Artificial Nests to Test Importance of Nesting Material and Nest Shelter for Incubation Energetics. <i>Auk</i> , 2004, 121, 777-787.	1.4	5
116	Using Artificial Nests to Test Importance of Nesting Material and Nest Shelter for Incubation Energetics. <i>Auk</i> , 2004, 121, 777-787.	1.4	28
117	Growth versus lifespan: perspectives from evolutionary ecology. <i>Experimental Gerontology</i> , 2003, 38, 935-940.	2.8	418
118	Neonatal nutrition, adult antioxidant defences and sexual attractiveness in the zebra finch. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 1691-1696.	2.6	186
119	SEASONAL CHANGES IN BROOD SEX COMPOSITION IN AUDOUIN'S GULLS. <i>Condor</i> , 2003, 105, 783.	1.6	21
120	Seasonal Changes in Brood Sex Composition in Audouin's Gulls. <i>Condor</i> , 2003, 105, 783-790.	1.6	29
121	Males matter: the occurrence and consequences of male incubation in starlings ( <i>Sturnus vulgaris</i> ). <i>Behavioral Ecology and Sociobiology</i> , 2002, 51, 255-261.	1.4	49
122	Sexual ornament size and breeding performance in female and male European Shags <i>Phalacrocorax aristotelis</i> . <i>Ibis</i> , 2002, 145, 54-60.	1.9	40
123	Compensation for a bad start: grow now, pay later?. <i>Trends in Ecology and Evolution</i> , 2001, 16, 254-260.	8.7	1,614
124	Spot the difference. <i>Trends in Ecology and Evolution</i> , 2001, 16, 527.	8.7	1
125	The impact of gulls on puffin reproductive performance: an experimental test of two management strategies. <i>Biological Conservation</i> , 2001, 98, 159-165.	4.1	16
126	The cost of egg production: increased egg production reduces future fitness in gulls. <i>Journal of Avian Biology</i> , 2001, 32, 159-166.	1.2	89



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127	Male mate choice and female fecundity in zebra finches. <i>Animal Behaviour</i> , 2001, 62, 1021-1026.	1.9	102
128	Genome size, longevity and development time in birds. <i>Trends in Genetics</i> , 2001, 17, 568.	6.7	7
129	WITHIN-CLUTCH TRADE-OFFS BETWEEN THE NUMBER AND QUALITY OF EGGS: EXPERIMENTAL MANIPULATIONS IN GULLS. <i>Ecology</i> , 2000, 81, 1339-1350.	3.2	142
130	Genome size and longevity. <i>Trends in Genetics</i> , 2000, 16, 331-332.	6.7	37
131	Effects of short-term hunger and competitive asymmetry on facultative aggression in nestling black guillemots <i>Cephus grylle</i> . <i>Behavioral Ecology</i> , 2000, 11, 282-287.	2.2	38
132	Developmental trade-offs and life histories: strategic allocation of resources in caddis flies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 1511-1515.	2.6	82
133	Developmental trade-offs in caddis flies: increased investment in larval defence alters adult resource allocation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 1049-1054.	2.6	85
134	Avian diving, respiratory physiology and the marginal value theorem. <i>Animal Behaviour</i> , 1998, 56, 165-174.	1.9	40
135	The analysis of ordinal response data in the behavioural sciences. <i>Animal Behaviour</i> , 1998, 56, 1041-1043.	1.9	21
136	Does practice shape the brain?. <i>Nature</i> , 1998, 394, 434-434.	27.8	24
137	The demands of incubation and avian clutch size. <i>Biological Reviews</i> , 1998, 73, 293-304.	10.4	140
138	Effect of increased egg production on egg composition in the Common Tern <i>Sterna hirundo</i> . <i>Ibis</i> , 1998, 140, 693-696.	1.9	17
139	Why don't birds lay more eggs?. <i>Trends in Ecology and Evolution</i> , 1997, 12, 270-274.	8.7	425
140	Proximate determination of clutch size in lesser black-backed gulls: the roles of food supply and body condition. <i>Canadian Journal of Zoology</i> , 1993, 71, 273-279.	1.0	90
141	<i>Behavioral Ecology: Theory into Practice</i> . <i>Advances in the Study of Behavior</i> , 1987, 17, 85-120.	1.6	2
142	Group foraging in wild brown hares: effects of resource distribution and social status. <i>Animal Behaviour</i> , 1985, 33, 993-999.	1.9	152
143	Within-year and among-year variation in impacts of targeted conservation management on juvenile survival in a threatened population. <i>Journal of Applied Ecology</i> , 0, , .	4.0	3