

Ian R Hartley

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

4,116
citations

136950

32
h-index

118850

62
g-index

73
all docs

73
docs citations

73
times ranked

3462
citing authors

#	ARTICLE	IF	CITATIONS
1	Sexual dimorphism in birds: why are there so many different forms of dimorphism?. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 397-407.	2.6	407
2	Intrafamilial conflict and parental investment: a synthesis. Philosophical Transactions of the Royal Society B: Biological Sciences, 2002, 357, 295-307.	4.0	281
3	The design and function of birds' nests. Ecology and Evolution, 2014, 4, 3909-3928.	1.9	271
4	Begging for control: when are offspring solicitation behaviours honest?. Trends in Ecology and Evolution, 2002, 17, 434-440.	8.7	256
5	Bacterial pathogens in wild birds: a review of the frequency and effects of infection. Biological Reviews, 2009, 84, 349-373.	10.4	245
6	Heterotrophic microbial communities use ancient carbon following glacial retreat. Biology Letters, 2007, 3, 487-490.	2.3	201
7	Sexual conflict reduces offspring fitness in zebra finches. Nature, 2002, 416, 733-736.	27.8	157
8	Begging scrambles with unequal chicks: interactions between need and competitive ability. Ecology Letters, 2002, 5, 206-215.	6.4	128
9	The Energetic Costs of Nest Building in Birds. Avian Biology Research, 2013, 6, 12-17.	0.9	127
10	Latitudinal variation in blue tit and great tit nest characteristics indicates environmental adjustment. Journal of Biogeography, 2012, 39, 1669-1677.	3.0	113
11	The effect of variation in dietary intake on maternal deposition of antioxidants in zebra finch eggs. Functional Ecology, 2003, 17, 472-481.	3.6	108
12	Climate change and nesting behaviour in vertebrates: a review of the ecological threats and potential for adaptive responses. Biological Reviews, 2017, 92, 1991-2002.	10.4	91
13	Sibling competition and the evolution of growth rates in birds. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 923-932.	2.6	86
14	Local Temperature and not Latitude Determines the Design of Blue Tit and Great Tit nests. Avian Biology Research, 2012, 5, 203-208.	0.9	83
15	Linkages between soil biota, nitrogen availability, and plant nitrogen uptake in a mountain ecosystem in the Scottish Highlands. Applied Soil Ecology, 2002, 19, 121-134.	4.3	70
16	Parental investment and family dynamics: interactions between theory and empirical tests. Population Ecology, 2004, 46, 231-241.	1.2	69
17	"Trojan Sparrows": Evolutionary Consequences of Dishonest Invasion for the Badges-of-Status Model. American Naturalist, 1991, 138, 1187-1205.	2.1	63
18	Seasonal Adjustments in Nest Cup Lining in Blue Tits <i>Cyanistes caeruleus</i> . Ardea, 2008, 96, 278-282.	0.6	63

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19	Reproductive success of polygynous male corn buntings (<i>Miliaria calandra</i>) as confirmed by DNA fingerprinting. <i>Behavioral Ecology</i> , 1993, 4, 310-317.	2.2	62
20	Adaptive latitudinal variation in Common Blackbird <i>Turdus merula</i> nest characteristics. <i>Ecology and Evolution</i> , 2014, 4, 851-861.	1.9	61
21	Variation in Reproductive Success Across Captive Populations: Methodological Differences, Potential Biases and Opportunities. <i>Ethology</i> , 2017, 123, 1-29.	1.1	60
22	Nestling Sex Ratios in the Polygynously Breeding Corn Bunting <i>Miliaria calandra</i> . <i>Journal of Avian Biology</i> , 1999, 30, 7.	1.2	55
23	Experimental evidence for state-dependent nest weight in the blue tit, <i>Cyanistes caeruleus</i> . <i>Behavioural Processes</i> , 2009, 81, 144-146.	1.1	55
24	Zebra finches are bolder in an asocial, rather than social, context. <i>Behavioural Processes</i> , 2011, 87, 171-175.	1.1	51
25	Variation in clutch size in relation to nest size in birds. <i>Ecology and Evolution</i> , 2014, 4, 3583-3595.	1.9	49
26	Diversity and temporal stability of bacterial communities in a model passerine bird, the zebra finch. <i>Molecular Ecology</i> , 2010, 19, 5531-5544.	3.9	48
27	Interspecific variation in the relationship between clutch size, laying date and intensity of urbanization in four species of hole-nesting birds. <i>Ecology and Evolution</i> , 2016, 6, 5907-5920.	1.9	47
28	Consequences of biparental care for begging and growth in zebra finches, <i>Taeniopygia guttata</i> . <i>Animal Behaviour</i> , 2006, 72, 123-130.	1.9	43
29	The Weight of Female-Built Nests Correlates with Female but not Male Quality in the Blue Tit <i>Cyanistes caeruleus</i> . <i>Acta Ornithologica</i> , 2008, 43, 43-48.	0.5	41
30	Environmental and not maternal effects determine variation in offspring phenotypes in a passerine bird. <i>Journal of Evolutionary Biology</i> , 2010, 23, 1302-1311.	1.7	38
31	Parentally biased favouritism in relation to offspring sex in zebra finches. <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 2261-2268.	1.4	36
32	Clutch size variation in Western Palaearctic secondary hole-nesting passerine birds in relation to nest box design. <i>Methods in Ecology and Evolution</i> , 2014, 5, 353-362.	5.2	36
33	Local weather conditions have complex effects on the growth of blue tit nestlings. <i>Journal of Thermal Biology</i> , 2016, 60, 12-19.	2.5	33
34	Correlated evolution of nest and egg characteristics in birds. <i>Animal Behaviour</i> , 2019, 158, 211-225.	1.9	33
35	Biparental care and offspring begging strategies: hungry nestling blue tits move towards the father. <i>Animal Behaviour</i> , 2008, 75, 167-174.	1.9	32
36	Differences in parental food allocation rules: evidence for sexual conflict in the blue tit?. <i>Behavioral Ecology</i> , 2007, 18, 674-679.	2.2	31

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37	Passerine Extrapair Mating Dynamics: A Bayesian Modeling Approach Comparing Four Species. <i>American Naturalist</i> , 2010, 176, 178-187.	2.1	31
38	Nesting Henderson Reed-Warblers (<i>Acrocephalus vaughani taiti</i>) Studied by DNA Fingerprinting: Unrelated Coalitions in a Stable Habitat?. <i>Auk</i> , 1995, 112, 77-86.	1.4	30
39	Hatching asynchrony and growth trade-offs within domesticated and wild zebra finch, <i>Taeniopygia guttata</i> , broods. <i>Biological Journal of the Linnean Society</i> , 0, 100, 763-773.	1.6	30
40	Season and ambient air temperature influence the distribution of mites (<i>Proctophyllodes</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 2000, 78, 1397-1407.	1.0	29
41	Life history correlates of fecal bacterial species richness in a wild population of the blue tit <i>Cyanistes caeruleus</i> . <i>Ecology and Evolution</i> , 2015, 5, 821-835.	1.9	29
42	Causes and Consequences of Differential Growth in Birds. <i>Advances in the Study of Behavior</i> , 2012, , 225-277.	1.6	26
43	A random female settlement model can explain polygyny in the corn bunting. <i>Animal Behaviour</i> , 1995, 49, 1111-1118.	1.9	25
44	Connecting the data landscape of long-term ecological studies: The SPI-Birds data hub. <i>Journal of Animal Ecology</i> , 2021, 90, 2147-2160.	2.8	25
45	Hatching asynchrony and offspring sex influence the subsequent exploratory behaviour of zebra finches. <i>Animal Behaviour</i> , 2013, 85, 77-81.	1.9	23
46	Female reproductive success, provisioning of nestlings and polygyny in corn buntings. <i>Animal Behaviour</i> , 1994, 48, 717-725.	1.9	21
47	Hatching asynchrony can have long-term consequences for offspring fitness in zebra finches under captive conditions. <i>Biological Journal of the Linnean Society</i> , 2012, 106, 430-438.	1.6	17
48	Hatching Asynchrony and Growth Trade-Offs Within Barn Swallow Broods. <i>Condor</i> , 2009, 111, 668-674.	1.6	16
49	Sexual dimorphism and growth trade-offs in Blue Tit <i>Cyanistes caeruleus</i> nestlings. <i>Ibis</i> , 2011, 153, 175-179.	1.9	16
50	Feathering the Nest: The Effects of Feather Supplementation to Blue Tit nests. <i>Avian Biology Research</i> , 2016, 9, 89-95.	0.9	15
51	Bird populations most exposed to climate change are less sensitive to climatic variation. <i>Nature Communications</i> , 2022, 13, 2112.	12.8	15
52	Stimuli for nestling begging in blue tits <i>Cyanistes caeruleus</i> : hungry nestlings are less discriminating. <i>Journal of Avian Biology</i> , 2007, 38, 421-426.	1.2	14
53	Habitat selection and polygyny in breeding Corn Buntings <i>Miliaria calandra</i> . <i>Ibis</i> , 1995, 137, 508-514.	1.9	14
54	Changes in eye colour of juvenile Bearded Tits <i>Panurus biarmicus</i> and its use in determining breeding productivity. <i>Ibis</i> , 2007, 149, 407-411.	1.9	11

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55	Understanding behavioural responses to human-induced rapid environmental change: a meta-analysis. <i>Oikos</i> , 2022, 2022, .	2.7	11
56	Female blue tits sing frequently: a sex comparison of occurrence, context, and structure of song. <i>Behavioral Ecology</i> , 2022, 33, 912-925.	2.2	11
57	Characterising demographic contributions to observed population change in a declining migrant bird. <i>Journal of Avian Biology</i> , 2017, 48, 1139-1149.	1.2	10
58	Habitat selection by breeding Whinchats <i>Saxicola rubetra</i> at territory and landscape scales. <i>Ibis</i> , 2017, 159, 139-151.	1.9	10
59	Experimental evidence for adjustment of parental investment in relation to brood sex ratio in the blue tit. <i>Animal Behaviour</i> , 2006, 72, 1301-1307.	1.9	8
60	Growth rates of nestling Corn Buntings <i>Miliaria calandra</i> in relation to their sex. <i>Ibis</i> , 2000, 142, 668-671.	1.9	7
61	Sexual dimorphism and offspring growth: smaller female Blue Tit nestlings develop relatively larger gapes. <i>Journal of Ornithology</i> , 2012, 153, 1011-1016.	1.1	7
62	Hatching Asynchrony Decreases the Magnitude of Parental Care in Domesticated Zebra Finches: Empirical Support for the Peak Load Reduction Hypothesis. <i>Ethology</i> , 2014, 120, 577-585.	1.1	6
63	Experimentally reduced Nest-Building Costs Result in Higher Provisioning Rates but not Increased Offspring Fitness in Blue Tits. <i>Avian Biology Research</i> , 2016, 9, 52-57.	0.9	6
64	Nest monitoring does not affect nesting success of Whinchats <i>Saxicola rubetra</i> . <i>Ibis</i> , 2018, 160, 624-633.	1.9	5
65	Blue Tits. , 2019, , 11-22.		4
66	Interaction of climate change with effects of conspecific and heterospecific density on reproduction. <i>Oikos</i> , 2020, 129, 1807-1819.	2.7	3
67	Sex-specific patterns of minimal compensation of care during and after short term mate removal in biparental blue tits. <i>Behavioural Processes</i> , 2020, 173, 104026.	1.1	3
68	Variation in the behaviour of an obligate corallivore is influenced by resource availability. <i>Behavioral Ecology and Sociobiology</i> , 2022, 76, 1.	1.4	3
69	Consequences of hatching deviations for breeding success: a long-term study on blue tits <i>Cyanistes caeruleus</i> . , 2020, 87, 385-394.		2
70	A milestone in migration studies – answering and raising questions. <i>Bird Study</i> , 2003, 50, 94-94.	1.0	0
71	Papers from Ringing Group reports. <i>Ringing and Migration</i> , 2010, 25, 128-128.	0.4	0