

Alistair Dawson

List of Publications by Year in descending order

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73
papers

5,095
citations

117625

34
h-index

88630

70
g-index

73
all docs

73
docs citations

73
times ranked

4628
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoperiodic Control of Seasonality in Birds. <i>Journal of Biological Rhythms</i> , 2001, 16, 365-380.	2.6	824
2	Trophic level asynchrony in rates of phenological change for marine, freshwater and terrestrial environments. <i>Global Change Biology</i> , 2010, 16, 3304-3313.	9.5	690
3	Control of the annual cycle in birds: endocrine constraints and plasticity in response to ecological variability. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 1621-1633.	4.0	255
4	Serological evidence of West Nile virus, Usutu virus and Sindbis virus infection of birds in the UK. <i>Journal of General Virology</i> , 2003, 84, 2807-2817.	2.9	185
5	Plasma gonadal steroid levels in wild starlings (<i>Sturnus vulgaris</i>) during the annual cycle and in relation to the stages of breeding. <i>General and Comparative Endocrinology</i> , 1983, 49, 286-294.	1.8	177
6	Hormone levels predict individual differences in reproductive success in a passerine bird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 2537-2545.	2.6	162
7	Prolactin and gonadotrophin secretion in wild starlings (<i>Sturnus vulgaris</i>) during the annual cycle and in relation to nesting, incubation, and rearing young. <i>General and Comparative Endocrinology</i> , 1982, 48, 213-221.	1.8	155
8	Increasing Temperature, Not Mean Temperature, Is a Cue for Avian Timing of Reproduction. <i>American Naturalist</i> , 2012, 179, E55-E69.	2.1	143
9	Corticosterone Predicts Foraging Behavior and Parental Care in Macaroni Penguins. <i>American Naturalist</i> , 2012, 180, E31-E41.	2.1	130
10	Disrupted seasonal biology impacts health, food security and ecosystems. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151453.	2.6	130
11	Biological Clocks and Regulation of Seasonal Reproduction and Migration in Birds. <i>Physiological and Biochemical Zoology</i> , 2010, 83, 827-835.	1.5	113
12	The Role of Prolactin in the Development of Reproductive Photorefractoriness and Postnuptial Molt in the European Starling (<i>Sturnus vulgaris</i>)*. <i>Endocrinology</i> , 1998, 139, 485-490.	2.8	106
13	Hypothalamic expression of thyroid hormone-activating and -inactivating enzyme genes in relation to photorefractoriness in birds and mammals. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R568-R572.	1.8	100
14	Control of luteinizing hormone and prolactin secretion in birds. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1998, 119, 275-282.	0.5	98
15	Detection of seroconversion to West Nile virus, Usutu virus and Sindbis virus in UK sentinel chickens. <i>Virology Journal</i> , 2006, 3, 71.	3.4	95
16	The effects of delaying the start of moult on the duration of moult, primary feather growth rates and feather mass in Common Starlings <i>Sturnus vulgaris</i> . <i>Ibis</i> , 2004, 146, 493-500.	1.9	90
17	Photorefractoriness in birds – photoperiodic and non-photoperiodic control. <i>General and Comparative Endocrinology</i> , 2007, 153, 378-384.	1.8	85
18	The effect of temperature on photoperiodically regulated gonadal maturation, regression and moult in starlings - potential consequences of climate change. <i>Functional Ecology</i> , 2005, 19, 995-1000.	3.6	79

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19	Control of molt in birds: Association with prolactin and gonadal regression in starlings. <i>General and Comparative Endocrinology</i> , 2006, 147, 314-322.	1.8	76
20	Annual gonadal cycles in birds: Modeling the effects of photoperiod on seasonal changes in GnRH-1 secretion. <i>Frontiers in Neuroendocrinology</i> , 2015, 37, 52-64.	5.2	75
21	Seasonality in a temperate zone bird can be entrained by near equatorial photoperiods. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 721-725.	2.6	58
22	Testosterone and autumn territorial behavior in male red grouse <i>Lagopus lagopus scoticus</i> . <i>Hormones and Behavior</i> , 2005, 47, 576-584.	2.1	56
23	Decreased Light Intensity Alters the Perception of Day Length by Male European Starlings (<i>Sturnus</i>) Tj ETQq1 1 0.784314 rgBT /Over	2.6	55
24	Genetic variation in cue sensitivity involved in avian timing of reproduction. <i>Functional Ecology</i> , 2011, 25, 868-877.	3.6	55
25	Title is missing!. <i>Ecotoxicology</i> , 2000, 9, 59-69.	2.4	54
26	A Carryover Effect of Migration Underlies Individual Variation in Reproductive Readiness and Extreme Egg Size Dimorphism in Macaroni Penguins. <i>American Naturalist</i> , 2010, 176, 357-366.	2.1	54
27	Fertility Decline in Aging Roosters Is Related to Increased Testicular and Plasma Levels of Estradiol. <i>General and Comparative Endocrinology</i> , 1999, 115, 23-28.	1.8	48
28	Rapid stress-induced inhibition of plasma testosterone in free-ranging male rufous-winged sparrows, <i>Peucaea carpalis</i> : Characterization, time course, and recovery. <i>General and Comparative Endocrinology</i> , 2012, 177, 1-8.	1.8	48
29	Seasonal Plasma Levels of Luteinizing and Steroid Hormones in Male and Female Domestic Ostriches (<i>Struthio camelus</i>). <i>General and Comparative Endocrinology</i> , 1994, 93, 21-27.	1.8	46
30	Individual variation in avian reproductive physiology does not reliably predict variation in laying date. <i>General and Comparative Endocrinology</i> , 2012, 179, 53-62.	1.8	45
31	Pollutants affect development in nestling starlings <i>Sturnus vulgaris</i> . <i>Journal of Applied Ecology</i> , 2011, 48, 391-397.	4.0	43
32	A detailed analysis of primary feather moult in the Common Starling <i>Sturnus vulgaris</i> - new feather mass increases at a constant rate. <i>Ibis</i> , 2003, 145, E69-E76.	1.9	40
33	USE AND VALIDATION OF A MOLT SCORE INDEX CORRECTED FOR PRIMARY-FEATHER MASS. <i>Auk</i> , 2004, 121, 372.	1.4	38
34	Prior Experience with Photostimulation Enhances Photo-Induced Reproductive Development in Female European Starlings: A Possible Basis for the Age-Related Increase in Avian Reproductive Performance1. <i>Biology of Reproduction</i> , 2004, 71, 979-986.	2.7	36
35	Spring phenology does not affect timing of reproduction in the great tit (<i>Parus major</i>). <i>Journal of Experimental Biology</i> , 2011, 214, 3664-3671.	1.7	36
36	Enhancement of malathion toxicity to the hybrid red-legged partridge following exposure to prochloraz. <i>Pesticide Biochemistry and Physiology</i> , 1989, 35, 107-118.	3.6	32

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37	Thyroidectomy of House Sparrows (<i>Passer domesticus</i>) Prevents Photo-Induced Testicular Growth but Not the Increased Hypothalamic Gonadotrophin-Releasing Hormone. <i>General and Comparative Endocrinology</i> , 1998, 110, 196-200.	1.8	32
38	Changes in plasma thyroxine concentrations in male and female starlings (<i>Sturnus vulgaris</i>) during a photo-induced gonadal cycle. <i>General and Comparative Endocrinology</i> , 1984, 56, 193-197.	1.8	31
39	Seasonal changes in concentrations of plasma LH and prolactin associated with the advance in the development of photorefractoriness and molt by high temperature in the starling. <i>General and Comparative Endocrinology</i> , 2010, 167, 122-127.	1.8	30
40	Migratory carryover effects and endocrinological correlates of reproductive decisions and reproductive success in female albatrosses. <i>General and Comparative Endocrinology</i> , 2012, 176, 151-157.	1.8	29
41	The Effects of a Single Long Photoperiod on Induction and Dissipation of Reproductive Photorefractoriness in European Starlings. <i>General and Comparative Endocrinology</i> , 2001, 121, 316-324.	1.8	28
42	Wood size and timing of moult in birds: potential consequences for plumage quality and bird survival. <i>Ibis</i> , 2003, 145, 337-340.	1.9	27
43	Seasonal Differences in the Secretion of Luteinising Hormone and Prolactin in Response to N-Methyl-dl-Aspartate in Starlings (<i>Sturnus vulgaris</i>). <i>Journal of Neuroendocrinology</i> , 2005, 17, 105-110.	2.6	27
44	Interactive effects between EBI fungicides (prochloraz, propiconazole and penconazole) and OP insecticides (dimethoate, chlorpyrifos, diazinon and malathion) in the hybrid red-legged partridge. <i>Environmental Toxicology and Chemistry</i> , 1994, 13, 615-620.	4.3	26
45	The effect of latitude on photoperiodic control of gonadal maturation, regression and molt in birds. <i>General and Comparative Endocrinology</i> , 2013, 190, 129-133.	1.8	26
46	The timing and duration of moult in adult Starlings <i>Sturnus vulgaris</i> in east-central England. <i>Ibis</i> , 2001, 143, 435-441.	1.9	22
47	Up to the challenge? Hormonal and behavioral responses of free-ranging male Cassin's Sparrows, <i>Peucaea cassinii</i> , to conspecific song playback. <i>Hormones and Behavior</i> , 2012, 61, 741-749.	2.1	22
48	A comparison of the annual cycles in testicular size and moult in captive European starlings <i>Sturnus vulgaris</i> during their first and second years. <i>Journal of Avian Biology</i> , 2003, 34, 119-123.	1.2	21
49	The scaling of primary flight feather length and mass in relation to wing shape, function and habitat. <i>Ibis</i> , 2005, 147, 283-292.	1.9	21
50	The timing of gonadal development and moult in three raptors with different breeding seasons: effects of gender, age and body condition. <i>Ibis</i> , 2009, 151, 654-666.	1.9	20
51	The Sub-Annual Breeding Cycle of a Tropical Seabird. <i>PLoS ONE</i> , 2014, 9, e93582.	2.5	19
52	Lack of gonadotrophin-releasing hormone (GnRH) neuron response to decreasing photoperiod in thyroidectomized male starlings (<i>Sturnus vulgaris</i>). <i>The Journal of Experimental Zoology</i> , 2000, 287, 74-79.	1.4	17
53	Is microevolution the only emergency exit in a warming world? Temperature influences egg laying but not its underlying mechanisms in great tits. <i>General and Comparative Endocrinology</i> , 2013, 190, 164-169.	1.8	17
54	The involvement of prolactin in avian molt: The effects of gender and breeding success on the timing of molt in Mute swans (<i>Cygnus olor</i>). <i>General and Comparative Endocrinology</i> , 2009, 161, 267-270.	1.8	14

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55	Seasonal changes in moult, body mass and reproductive condition in siskins <i>Carduelis spinus</i> exposed to daylength regimes simulating different latitudes. <i>Journal of Avian Biology</i> , 2011, 42, 22-28.	1.2	14
56	Interactive effects of prochloraz and malathion in pigeon, starling and hybrid red-legged partridge. <i>Environmental Toxicology and Chemistry</i> , 1994, 13, 115-120.	4.3	13
57	Seasonal patterns of prolactin and corticosterone secretion in an Antarctic seabird that moults during reproduction. <i>General and Comparative Endocrinology</i> , 2012, 175, 74-81.	1.8	13
58	Avian Molting. , 2015, , 907-917.		13
59	Effects of prochloraz and malathion on the red-legged partridge: A semi-natural field study. <i>Environmental Pollution</i> , 1996, 91, 217-225.	7.5	12
60	A COMPARISON OF THE EFFECTS OF SINGLE AND REPEATED EXPOSURE TO AN ORGANOPHOSPHATE INSECTICIDE ON ACETYLCHOLINESTERASE ACTIVITY IN MAMMALS. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 1857.	4.3	11
61	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
62	Circulating breeding and pre-breeding prolactin and LH are not associated with clutch size in the zebra finch (<i>Taeniopygia guttata</i>). <i>General and Comparative Endocrinology</i> , 2014, 202, 26-34.	1.8	10
63	Evidence against a period of relative photorefractoriness during the recovery of photosensitivity in common starlings. <i>General and Comparative Endocrinology</i> , 2004, 136, 117-121.	1.8	8
64	Prior Experience with Photostimulation Enhances Photo-Induced Reproductive Response in Female House Finches. <i>Journal of Biological Rhythms</i> , 2013, 28, 38-50.	2.6	8
65	Heritability of gonad size varies across season in a wild songbird. <i>Journal of Evolutionary Biology</i> , 2013, 26, 2739-2745.	1.7	7
66	Daily Cycles in Body Temperature in a Songbird Change with Photoperiod and Are Weakly Circadian. <i>Journal of Biological Rhythms</i> , 2017, 32, 177-183.	2.6	7
67	Ontogeny of the Daily Profile of Plasma Melatonin in European Starlings Raised under Long or Short Photoperiods. <i>Journal of Biological Rhythms</i> , 2002, 17, 259-265.	2.6	6
68	Both Low Temperature and Shorter Duration of Food Availability Delay Testicular Regression and Affect the Daily Cycle in Body Temperature in a Songbird. <i>Physiological and Biochemical Zoology</i> , 2018, 91, 917-924.	1.5	6
69	Photoperiodic Control of Gonadotrophin-Releasing Hormone Secretion in Seasonally Breeding Birds. , 1999, , 141-159.		6
70	Uncoupling clutch size, prolactin, and luteinizing hormone using experimental egg removal. <i>General and Comparative Endocrinology</i> , 2015, 213, 1-8.	1.8	5
71	The BOU " 150 years promoting ornithology. <i>Ibis</i> , 2008, 150, 1-2.	1.9	2
72	Use and Validation of a Molt Score Index Corrected for Primary-Feather Mass. <i>Auk</i> , 2004, 121, 372-379.	1.4	2

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73	Use and Validation of a Molt Score Index Corrected for Primary-Feather Mass. <i>Auk</i> , 2004, 121, 372-379.	1.4	0