

Jeremy D Wilson

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

11,039
citations

71102

41
h-index

30087

103
g-index

112
all docs

112
docs citations

112
times ranked

8721
citing authors

#	ARTICLE	IF	CITATIONS
1	Farmland biodiversity: is habitat heterogeneity the key?. Trends in Ecology and Evolution, 2003, 18, 182-188.	8.7	2,329
2	Does organic farming benefit biodiversity?. Biological Conservation, 2005, 122, 113-130.	4.1	1,166
3	The second Silent Spring?. Nature, 1999, 400, 611-612.	27.8	714
4	Population Declines and Range Contractions among Lowland Farmland Birds in Britain. Conservation Biology, 1995, 9, 1425-1441.	4.7	590
5	A review of the abundance and diversity of invertebrate and plant foods of granivorous birds in northern Europe in relation to agricultural change. Agriculture, Ecosystems and Environment, 1999, 75, 13-30.	5.3	465
6	Trends in the abundance of farmland birds: a quantitative comparison of smoothed Common Birds Census indices. Journal of Applied Ecology, 1998, 35, 24-43.	4.0	408
7	The top 100 questions of importance to the future of global agriculture. International Journal of Agricultural Sustainability, 2010, 8, 219-236.	3.5	405
8	ANALYSIS OF POPULATION TRENDS FOR FARMLAND BIRDS USING GENERALIZED ADDITIVE MODELS. Ecology, 2000, 81, 1970-1984.	3.2	361
9	Territory Distribution and Breeding Success of Skylarks <i>Alauda arvensis</i> on Organic and Intensive Farmland in Southern England. Journal of Applied Ecology, 1997, 34, 1462.	4.0	242
10	The selection of stubble fields by wintering granivorous birds reflects vegetation cover and food abundance. Journal of Applied Ecology, 2002, 39, 535-547.	4.0	182
11	The importance of arable habitat for farmland birds in grassland landscapes. Journal of Applied Ecology, 2001, 38, 1059-1069.	4.0	171
12	Should conservation strategies consider spatial generality? Farmland birds show regional not national patterns of habitat association. Ecology Letters, 2007, 10, 25-35.	6.4	160
13	Habitat selection by yellowhammers <i>Emberiza citrinella</i> on lowland farmland at two spatial scales: implications for conservation management. Journal of Applied Ecology, 2005, 42, 270-280.	4.0	159
14	Variation in the survival rates of some British passerines with respect to their population trends on farmland. Bird Study, 1998, 45, 276-292.	1.0	158
15	The management of crop structure: a general approach to reversing the impacts of agricultural intensification on birds?. Ibis, 2005, 147, 453-463.	1.9	155
16	Habitat associations and breeding success of yellowhammers on lowland farmland. Journal of Applied Ecology, 2000, 37, 789-805.	4.0	143
17	Modelling relationships between birds and vegetation structure using airborne LiDAR data: a review with case studies from agricultural and woodland environments. Ibis, 2005, 147, 443-452.	1.9	142
18	Habitat characteristics affecting use of lowland agricultural grassland by birds in winter. Biological Conservation, 2000, 95, 279-294.	4.1	141

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19	Widespread local house-sparrow extinctions. <i>Nature</i> , 2002, 418, 931-932.	27.8	136
20	The importance of variation in the breeding performance of seed-eating birds in determining their population trends on farmland. <i>Journal of Applied Ecology</i> , 2000, 37, 128-148.	4.0	134
21	Field use by farmland birds in winter: an analysis of field type preferences using resampling methods. <i>Bird Study</i> , 1996, 43, 320-332.	1.0	125
22	A comparison of bird populations on organic and conventional farm systems in southern Britain. <i>Biological Conservation</i> , 1999, 88, 307-320.	4.1	122
23	Adaptive management and targeting of agri-environment schemes does benefit biodiversity: a case study of the corn bunting <i>Emberiza calandra</i> . <i>Journal of Applied Ecology</i> , 2011, 48, 514-522.	4.0	111
24	Improving bird population models using airborne remote sensing. <i>International Journal of Remote Sensing</i> , 2000, 21, 2705-2717.	2.9	104
25	A review of predation as a limiting factor for bird populations in mesopredator-rich landscapes: a case study of the UK. <i>Biological Reviews</i> , 2018, 93, 1915-1937.	10.4	98
26	Temporal variation in the annual survival rates of six granivorous birds with contrasting population trends. <i>Ibis</i> , 1999, 141, 621-636.	1.9	79
27	Illegal killing slows population recovery of a re-introduced raptor of high conservation concern – The red kite <i>Milvus milvus</i> . <i>Biological Conservation</i> , 2010, 143, 1278-1286.	4.1	76
28	Foraging habitat selection by yellowhammers (<i>Emberiza citrinella</i>) nesting in agriculturally contrasting regions in lowland England. <i>Biological Conservation</i> , 2001, 101, 197-210.	4.1	73
29	Indirect effects of pesticides on breeding yellowhammer (<i>Emberiza citrinella</i>). <i>Agriculture, Ecosystems and Environment</i> , 2005, 106, 1-16.	5.3	73
30	Modelling edge effects of mature forest plantations on peatland waders informs landscape-scale conservation. <i>Journal of Applied Ecology</i> , 2014, 51, 204-213.	4.0	67
31	Upland land use predicts population decline in a globally near-threatened wader. <i>Journal of Applied Ecology</i> , 2014, 51, 194-203.	4.0	63
32	Weed seed resources for birds in fields with contrasting conventional and genetically modified herbicide-tolerant crops. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 1921-1928.	2.6	61
33	Vegetation burning for game management in the UK uplands is increasing and overlaps spatially with soil carbon and protected areas. <i>Biological Conservation</i> , 2015, 191, 243-250.	4.1	61
34	Agricultural land-use and the spatial distribution of granivorous lowland farmland birds. <i>Ecography</i> , 2000, 23, 702-719.	4.5	57
35	Factors affecting the territory distribution of Skylarks <i>Alauda arvensis</i> breeding on lowland farmland. <i>Bird Study</i> , 2001, 48, 271-278.	1.0	55
36	Growth and demography of a re-introduced population of White-tailed Eagles <i>Haliaeetus albicilla</i> . <i>Ibis</i> , 2009, 151, 244-254.	1.9	55

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37	Do habitat association models have any generality? Predicting skylark <i>Alauda arvensis</i> abundance in different regions of southern England. <i>Ecography</i> , 2003, 26, 521-531.	4.5	52
38	Effects of crop type and aerial invertebrate abundance on foraging barn swallows <i>Hirundo rustica</i> . <i>Agriculture, Ecosystems and Environment</i> , 2007, 122, 267-273.	5.3	51
39	Predicting population responses to resource management. <i>Trends in Ecology and Evolution</i> , 2001, 16, 440-445.	8.7	49
40	Winter habitat associations of seed-eating passerines on Scottish farmland. <i>Bird Study</i> , 2003, 50, 116-130.	1.0	45
41	Habitat and weather are weak correlates of nestling condition and growth rates of four UK farmland passerines. <i>Ibis</i> , 2003, 145, 295-306.	1.9	43
42	A re-assessment of the significance of status signalling in populations of wild great tits, <i>Parus major</i> . <i>Animal Behaviour</i> , 1992, 43, 999-1009.	1.9	42
43	Resolving the conflict between driven game shooting and conservation of hen harriers. <i>Journal of Applied Ecology</i> , 2009, 46, 950-954.	4.0	41
44	Natal and breeding dispersal in a reintroduced population of White-tailed Eagles <i>Haliaeetus albicilla</i> . <i>Bird Study</i> , 2009, 56, 177-186.	1.0	40
45	Lack of sound science in assessing wind farm impacts on seabirds. <i>Journal of Applied Ecology</i> , 2016, 53, 1635-1641.	4.0	39
46	Selection of hedgerows by Swallows <i>Hirundo rustica</i> foraging on farmland: the influence of local habitat and weather. <i>Bird Study</i> , 2003, 50, 8-14.	1.0	38
47	Juvenile Dispersal of White-Tailed Eagles in Western Scotland. <i>Journal of Raptor Research</i> , 2009, 43, 110-120.	0.6	38
48	Seed food preferences of granivorous farmland passerines. <i>Bird Study</i> , 2007, 54, 46-53.	1.0	37
49	Partial recovery of the population of Corn crakes <i>Crex crex</i> in Britain, 1993-2004. <i>Bird Study</i> , 2006, 53, 213-224.	1.0	36
50	Use of unimproved and improved lowland grassland by wintering birds in the UK. <i>Agriculture, Ecosystems and Environment</i> , 2004, 102, 49-60.	5.3	35
51	Using conservation science to solve conservation problems. <i>Journal of Applied Ecology</i> , 2011, 48, 505-508.	4.0	33
52	Measurement of habitat predictor variables for organism-habitat models using remote sensing and image segmentation. <i>International Journal of Remote Sensing</i> , 2003, 24, 2515-2532.	2.9	32
53	Winter bird use of seed-rich habitats in agri-environment schemes. <i>Agriculture, Ecosystems and Environment</i> , 2008, 126, 189-194.	5.3	31
54	Environmental impacts of high-output driven shooting of Red Grouse <i>Lagopus lagopus scotica</i> . <i>Ibis</i> , 2016, 158, 446-452.	1.9	31

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55	Farmland habitat change and abundance of Yellowhammers <i>Emberiza citrinella</i> : an analysis of Common Birds Census data. <i>Bird Study</i> , 1998, 45, 232-246.	1.0	30
56	A role for liming as a conservation intervention? Earthworm abundance is associated with higher soil pH and foraging activity of a threatened shorebird in upland grasslands. <i>Agriculture, Ecosystems and Environment</i> , 2016, 223, 182-189.	5.3	30
57	Bird conservation and agriculture: a pivotal moment?. <i>Ibis</i> , 2010, 152, 176-179.	1.9	29
58	Habitat associations of British breeding farmland birds. <i>Bird Study</i> , 2009, 56, 43-52.	1.0	28
59	Correlates of Agonistic Display By Great Tits <i>Parus Major</i> . <i>Behaviour</i> , 1992, 121, 168-214.	0.8	27
60	Hunting habitat selection by hen harriers on moorland: Implications for conservation management. <i>Biological Conservation</i> , 2009, 142, 586-596.	4.1	25
61	The breeding biology and population history of the Dipper <i>Cinclus cinclus</i> on a Scottish river system. <i>Bird Study</i> , 1996, 43, 108-118.	1.0	23
62	Agricultural habitat-type and the breeding performance of granivorous farmland birds in Britain. <i>Bird Study</i> , 2000, 47, 66-81.	1.0	22
63	Diet of nestling Linnets <i>Carduelis cannabina</i> on lowland farmland before and after agricultural intensification. <i>Bird Study</i> , 2006, 53, 156-162.	1.0	22
64	Chaffinch <i>Fringilla coelebs</i> foraging patterns, nestling survival and territory distribution on lowland farmland. <i>Bird Study</i> , 2001, 48, 257-270.	1.0	21
65	Annual abundance of common Kestrels (<i>Falco tinnunculus</i>) is negatively associated with second generation anticoagulant rodenticides. <i>Ecotoxicology</i> , 2021, 30, 560-574.	2.4	21
66	Microsatellite variation in the yellowhammer <i>Emberiza citrinella</i> : population structure of a declining farmland bird. <i>Molecular Ecology</i> , 2001, 10, 1633-1644.	3.9	20
67	Associations between distance to forest and spatial and temporal variation in abundance of key peatland breeding bird species. <i>Bird Study</i> , 2009, 56, 53-64.	1.0	20
68	Population changes of breeding waders on farmland in relation to agri-environment management. <i>Bird Study</i> , 2011, 58, 399-408.	1.0	20
69	Agri-environment management for corncrake <i>Crex crex</i> delivers higher species richness and abundance across other taxonomic groups. <i>Agriculture, Ecosystems and Environment</i> , 2012, 155, 27-34.	5.3	20
70	Overcoming the challenges of public data archiving for citizen science biodiversity recording and monitoring schemes. <i>Journal of Applied Ecology</i> , 2018, 55, 2544-2551.	4.0	20
71	Changes in agricultural land-use and breeding performance of some granivorous farmland passerines in Britain. <i>Agriculture, Ecosystems and Environment</i> , 2001, 84, 191-206.	5.3	19
72	Analysis of Population Trends for Farmland Birds Using Generalized Additive Models. <i>Ecology</i> , 2000, 81, 1970.	3.2	19

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73	Resource Limitation in Seasonal Environments. <i>Oikos</i> , 1999, 87, 303.	2.7	16
74	Delayed mowing increases corn bunting <i>Emberiza calandra</i> nest success in an agri-environment scheme trial. <i>Agriculture, Ecosystems and Environment</i> , 2013, 181, 80-89.	5.3	16
75	Choughs <i>Pyrrhocorax pyrrhocorax</i> breeding in Wales select foraging habitat at different spatial scales. <i>Bird Study</i> , 2005, 52, 193-203.	1.0	15
76	Effect of cereal harvesting method on a recent population decline of Corn Buntings <i>Emberiza calandra</i> on the Western Isles of Scotland. <i>Bird Study</i> , 2007, 54, 362-370.	1.0	15
77	Geolocator tagging reveals Pacific migration of Red-necked Phalarope <i>Phalaropus lobatus</i> breeding in Scotland. <i>Ibis</i> , 2014, 156, 870-873.	1.9	15
78	Seven decades of mountain hare counts show severe declines where high-yield recreational game bird hunting is practised. <i>Journal of Applied Ecology</i> , 2018, 55, 2663-2672.	4.0	15
79	Agricultural land-use and the spatial distribution of granivorous lowland farmland birds. <i>Ecography</i> , 2000, 23, 702-719.	4.5	13
80	Breeding ground correlates of the distribution and decline of the Common Cuckoo <i>Cuculus canorus</i> at two spatial scales. <i>Ibis</i> , 2019, 161, 346-358.	1.9	12
81	Swallow <i>Hirundo rustica</i> population trends in England: data from repeated historical surveys. <i>Bird Study</i> , 2003, 50, 178-181.	1.0	11
82	Cultural ecology of Whitethroat (<i>Sylvia communis</i>) habitat management by farmers: winter in farmland trees and shrubs in Senegambia. <i>Journal of Environmental Management</i> , 2001, 62, 343-356.	7.8	9
83	Targeted management intervention reduces rate of population decline of Corn Buntings <i>Emberiza calandra</i> in eastern Scotland. <i>Bird Study</i> , 2008, 55, 52-58.	1.0	9
84	Soil pH and organic matter content add explanatory power to Northern Lapwing <i>Vanellus vanellus</i> distribution models and suggest soil amendment as a conservation measure on upland farmland. <i>Ibis</i> , 2015, 157, 677-687.	1.9	9
85	Using molecular and crowd-sourcing methods to assess breeding ground diet of a migratory brood parasite of conservation concern. <i>Journal of Avian Biology</i> , 2020, 51, .	1.2	8
86	Identification of marsh warblers <i>Acrocephalus palustris</i> and reed warblers <i>A. scirpaceus</i> on autumn migration through the eastern Mediterranean. <i>Ringling and Migration</i> , 2001, 20, 224-232.	0.4	7
87	Conservation insights from changing associations between habitat, territory distribution and mating system of Corn Buntings <i>Emberiza calandra</i> over a 20-year population decline. <i>Ibis</i> , 2012, 154, 601-615.	1.9	7
88	Cultural ecology of Whitethroat (<i>Sylvia communis</i>) habitat management by farmers: Field-boundary vegetation in lowland England. <i>Journal of Environmental Management</i> , 2001, 62, 329-341.	7.8	6
89	Designing lowland landscapes for farmland birds: scenario testing with GIS. <i>Computers, Environment and Urban Systems</i> , 2005, 29, 275-296.	7.1	6
90	Changes in the breeding wader populations of the machair of the Western Isles, Scotland, between 2000 and 2007. <i>Bird Study</i> , 2010, 57, 121-124.	1.0	6

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91	Clinging on to alpine life: Investigating factors driving the uphill range contraction and population decline of a mountain breeding bird. <i>Global Change Biology</i> , 2020, 26, 3771-3787.	9.5	6
92	Breeding ecology of Twite <i>Carduelis flavirostris</i> in a crofting landscape. <i>Bird Study</i> , 2010, 57, 142-155.	1.0	5
93	Effects of weather variation on a declining population of Slavonian Grebes <i>Podiceps auritus</i> . <i>Journal of Ornithology</i> , 2013, 154, 995-1006.	1.1	5
94	The role of fire in UK upland management: the need for informed challenge to conventional wisdoms: a comment on Davies et al. (2016). <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20160433.	4.0	5
95	Population responses of Red Grouse <i>Lagopus lagopus scotica</i> to expansion of heather <i>Calluna vulgaris</i> cover on a Scottish grouse moor. <i>Avian Conservation and Ecology</i> , 2018, 13, .	0.8	5
96	A new framework of spatial targeting for single-species conservation planning. <i>Landscape Ecology</i> , 2019, 34, 2765-2778.	4.2	5
97	Bullfinch <i>Pyrrhula pyrrhula</i> breeding ecology in lowland farmland and woodland: comparisons across time and habitat. <i>Ibis</i> , 2004, 146, 78-86.	1.9	4
98	The Scottish Raptor Monitoring Scheme: Objectives, Achievements in the First Four Years, and Plans for Future Development. <i>Ambio</i> , 2008, 37, 460-465.	5.5	4
99	Decline of Corn Buntings <i>Emberiza calandra</i> on east Scottish study areas in 1989–2007. <i>Bird Study</i> , 2009, 56, 213-220.	1.0	4
100	The effect of harvest method on cereal stubble use by seed-eating birds in a High Nature Value farming system. <i>Agriculture, Ecosystems and Environment</i> , 2016, 219, 119-124.	5.3	4
101	Using indices of species' potential range to inform conservation status. <i>Ecological Indicators</i> , 2021, 123, 107343.	6.3	4
102	The conservation uses of ringing data. Conclusions of the JNCC/BTO workshop, 4–5 November 1995, Norwich. <i>Ringling and Migration</i> , 1999, 19, 119-127.	0.4	3
103	Crop sward structure explains seasonal variation in nest site selection and informs agri-environment scheme design for a species of high conservation concern: the Corn Bunting <i>Emberiza calandra</i> . <i>Bird Study</i> , 2015, 62, 474-485.	1.0	3
104	Funding and delivering the routine testing of management interventions to improve conservation effectiveness. <i>Journal for Nature Conservation</i> , 2022, 67, 126184.	1.8	3
105	Using repeated winter surveys to estimate changes in abundance of seed-eating passerines. <i>Bird Study</i> , 2009, 56, 65-74.	1.0	2
106	Reply to comment on: Vegetation burning for game management in the UK uplands is increasing and overlaps spatially with soil carbon and protected areas. <i>Biological Conservation</i> , 2016, 195, 295-296.	4.1	2
107	Fodder crop management benefits Northern Lapwing (<i>Vanellus vanellus</i>) outside agri-environment schemes. <i>Agriculture, Ecosystems and Environment</i> , 2018, 265, 470-475.	5.3	2
108	Differential responses of heather and red grouse to long-term spatio-temporal variation in sheep grazing. <i>Biodiversity and Conservation</i> , 2020, 29, 2689-2710.	2.6	2

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109	Biometrics and wing moult of migrating Red-rumped Swallows <i>Hirundo daurica</i> in Greece. <i>Ringling and Migration</i> , 2006, 23, 57-61.	0.4	1
110	A re-assessment of the significance of status signalling in populations of wild great tits. <i>Animal Behaviour</i> , 1992, 43, 999-1009.	1.9	1