

James W Pearce-Higgins

List of Publications by Year in descending order

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Version: 2024-02-01

107
papers

5,897
citations

76326

40
h-index

85541

71
g-index

108
all docs

108
docs citations

108
times ranked

7747
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate change exposure of waterbird species in the African-Eurasian flyways. <i>Bird Conservation International</i> , 2022, 32, 1-26.	1.3	6
2	Setting priorities for climate change adaptation of Critical Sites in the Africaâ€Eurasian waterbird flyways. <i>Global Change Biology</i> , 2022, 28, 739-752.	9.5	7
3	Better utilisation and transparency of bird data collected by powerline companies. <i>Journal of Environmental Management</i> , 2022, 302, 114063.	7.8	3
4	Multi-taxa spatial conservation planning reveals similar priorities between taxa and improved protected area representation with climate change. <i>Biodiversity and Conservation</i> , 2022, 31, 683-702.	2.6	13
5	Drivers of change in mountain and upland bird populations in Europe. <i>Ibis</i> , 2022, 164, 635-648.	1.9	9
6	Strengthening the evidence base for temperature-mediated phenological asynchrony and its impacts. <i>Nature Ecology and Evolution</i> , 2021, 5, 155-164.	7.8	53
7	A Horizon Scan of Emerging Global Biological Conservation Issues for 2020. <i>Trends in Ecology and Evolution</i> , 2020, 35, 81-90.	8.7	40
8	Can microclimate offer refuge to an upland bird species under climate change?. <i>Landscape Ecology</i> , 2020, 35, 1907-1922.	4.2	14
9	Do surveys of adult dragonflies and damselflies yield repeatable data? Variation in monthly counts of abundance and species richness. <i>Journal of Insect Conservation</i> , 2020, 24, 877-889.	1.4	6
10	Disentangling the relative roles of climate and land cover change in driving the longâ€term population trends of European migratory birds. <i>Diversity and Distributions</i> , 2020, 26, 1442-1455.	4.1	51
11	Livestock grazing impacts components of the breeding productivity of a common upland insectivorous passerine: Results from a longâ€term experiment. <i>Journal of Applied Ecology</i> , 2020, 57, 1514-1523.	4.0	6
12	Opening a can of worms: Can the availability of soil invertebrates be indicated by birds?. <i>Ecological Indicators</i> , 2020, 113, 106222.	6.3	10
13	One-third of English breeding bird species show evidence of population responses to climatic variables over 50 years. <i>Bird Study</i> , 2019, 66, 159-172.	1.0	11
14	Site-based adaptation reduces the negative effects of weather upon a southern range margin Welsh black grouse <i>Tetrao tetrix</i> population that is vulnerable to climate change. <i>Climatic Change</i> , 2019, 153, 253-265.	3.6	12
15	Variation in ectoparasitic sheep tick <i>Ixodes ricinus</i> infestation on European Golden Plover chicks <i>Pluvialis apricaria</i> and implications for growth and survival. <i>Bird Study</i> , 2019, 66, 92-102.	1.0	2
16	The consequences of land sparing for birds in the United Kingdom. <i>Journal of Applied Ecology</i> , 2019, 56, 1870-1881.	4.0	11
17	Spatial and habitat variation in aphid, butterfly, moth and bird phenologies over the last half century. <i>Global Change Biology</i> , 2019, 25, 1982-1994.	9.5	42
18	Measuring the success of climate change adaptation and mitigation in terrestrial ecosystems. <i>Science</i> , 2019, 366, .	12.6	102

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19	A Horizon Scan of Emerging Issues for Global Conservation in 2019. <i>Trends in Ecology and Evolution</i> , 2019, 34, 83-94.	8.7	43
20	Climate change vulnerability assessment of species. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2019, 10, e551.	8.1	255
21	Monitoring landscape-scale environmental changes with citizen scientists: Twenty years of land use change in Great Britain. <i>Journal for Nature Conservation</i> , 2018, 44, 33-42.	1.8	11
22	Tritrophic phenological matchâ€“mismatch in space and time. <i>Nature Ecology and Evolution</i> , 2018, 2, 970-975.	7.8	108
23	The potential breeding range of Slender-billed Curlew <i>Numenius tenuirostris</i> identified from stable-isotope analysis. <i>Bird Conservation International</i> , 2018, 28, 228-237.	1.3	8
24	The sensitivity of breeding songbirds to changes in seasonal timing is linked to population change but cannot be directly attributed to the effects of trophic asynchrony on productivity. <i>Global Change Biology</i> , 2018, 24, 957-971.	9.5	47
25	Evaluating the effectiveness of conservation measures for European grasslandâ€“breeding waders. <i>Ecology and Evolution</i> , 2018, 8, 10555-10568.	1.9	41
26	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
27	A 2018 Horizon Scan of Emerging Issues for Global Conservation and Biological Diversity. <i>Trends in Ecology and Evolution</i> , 2018, 33, 47-58.	8.7	119
28	Neglected issues in using weather and climate information in ecology and biogeography. <i>Diversity and Distributions</i> , 2017, 23, 329-340.	4.1	25
29	Large extents of intensive land use limit community reorganization during climate warming. <i>Global Change Biology</i> , 2017, 23, 2272-2283.	9.5	52
30	A global threats overview for Numeniini populations: synthesising expert knowledge for a group of declining migratory birds. <i>Bird Conservation International</i> , 2017, 27, 6-34.	1.3	87
31	Quantifying the importance of multiâ€“scale management and environmental variables on moorland bird abundance. <i>Ibis</i> , 2017, 159, 744-756.	1.9	13
32	Attributing changes in the distribution of species abundance to weather variables using the example of British breeding birds. <i>Methods in Ecology and Evolution</i> , 2017, 8, 1690-1702.	5.2	20
33	Climate change, climatic variation and extreme biological responses. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160144.	4.0	72
34	Conducting robust ecological analyses with climate data. <i>Oikos</i> , 2017, 126, 1533-1541.	2.7	34
35	A nationalâ€“scale model of linear features improves predictions of farmland biodiversity. <i>Journal of Applied Ecology</i> , 2017, 54, 1776-1784.	4.0	22
36	A 2017 Horizon Scan of Emerging Issues for Global Conservation and Biological Diversity. <i>Trends in Ecology and Evolution</i> , 2017, 32, 31-40.	8.7	91

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37	Projected reductions in climatic suitability for vulnerable British birds. <i>Climatic Change</i> , 2017, 145, 117-130.	3.6	18
38	The spatial scale of time-lagged population synchrony increases with species dispersal distance. <i>Global Ecology and Biogeography</i> , 2017, 26, 1201-1210.	5.8	10
39	Environmental correlates of breeding abundance and population change of Eurasian Curlew <i>Numenius arquata</i> in Britain. <i>Bird Study</i> , 2017, 64, 393-409.	1.0	35
40	Bird and bat species' global vulnerability to collision mortality at wind farms revealed through a trait-based assessment. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170829.	2.6	105
41	A national-scale assessment of climate change impacts on species: Assessing the balance of risks and opportunities for multiple taxa. <i>Biological Conservation</i> , 2017, 213, 124-134.	4.1	35
42	Climate change vulnerability for species—Assessing the assessments. <i>Global Change Biology</i> , 2017, 23, 3704-3715.	9.5	52
43	Multi-state, multi-stage modeling of nest success suggests interaction between weather and land use. <i>Ecology</i> , 2017, 98, 175-186.	3.2	12
44	Winter wren populations show adaptation to local climate. <i>Royal Society Open Science</i> , 2016, 3, 160250.	2.4	5
45	Quantifying turnover in biodiversity of British breeding birds. <i>Journal of Applied Ecology</i> , 2016, 53, 469-478.	4.0	13
46	Passerines may be sufficiently plastic to track temperature-mediated shifts in optimum lay date. <i>Global Change Biology</i> , 2016, 22, 3259-3272.	9.5	73
47	Long-term changes in the migration phenology of UK breeding birds detected by large-scale citizen science recording schemes. <i>Ibis</i> , 2016, 158, 481-495.	1.9	75
48	Changing densities of generalist species underlie apparent homogenization of UK bird communities. <i>Ibis</i> , 2016, 158, 645-655.	1.9	14
49	Population decline is linked to migration route in the Common Cuckoo. <i>Nature Communications</i> , 2016, 7, 12296.	12.8	144
50	Phenological sensitivity to climate across taxa and trophic levels. <i>Nature</i> , 2016, 535, 241-245.	27.8	705
51	Negative impact of wind energy development on a breeding shorebird assessed with a BACI study design. <i>Ibis</i> , 2016, 158, 541-555.	1.9	25
52	The role of habitat change in driving Black Grouse/Tetrao tetrix population declines across Scotland. <i>Bird Study</i> , 2016, 63, 66-72.	1.0	6
53	A Horizon Scan of Global Conservation Issues for 2016. <i>Trends in Ecology and Evolution</i> , 2016, 31, 44-53.	8.7	53
54	The drivers of avian abundance: patterns in the relative importance of climate and land use. <i>Global Ecology and Biogeography</i> , 2015, 24, 1249-1260.	5.8	42

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55	The effectiveness of protected areas in the conservation of species with changing geographical ranges. <i>Biological Journal of the Linnean Society</i> , 2015, 115, 707-717.	1.6	53
56	Drivers of climate change impacts on bird communities. <i>Journal of Animal Ecology</i> , 2015, 84, 943-954.	2.8	118
57	Patterns and causes of covariation in bird and butterfly community structure. <i>Landscape Ecology</i> , 2015, 30, 1461-1472.	4.2	5
58	The geographical range of British birds expands during 15 years of warming. <i>Bird Study</i> , 2015, 62, 523-534.	1.0	48
59	Geographical variation in species' population responses to changes in temperature and precipitation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151561.	2.6	47
60	Evidence for the buffer effect operating in multiple species at a national scale. <i>Biology Letters</i> , 2015, 11, 20140930.	2.3	11
61	Hydrologically driven ecosystem processes determine the distribution and persistence of ecosystem-specialist predators under climate change. <i>Nature Communications</i> , 2015, 6, 7851.	12.8	44
62	Multi-species spatially-explicit indicators reveal spatially structured trends in bird communities. <i>Ecological Indicators</i> , 2015, 58, 277-285.	6.3	26
63	Using habitat-specific population trends to evaluate the consistency of the effect of species traits on bird population change. <i>Biological Conservation</i> , 2015, 192, 343-352.	4.1	23
64	Latitudinal gradients in the productivity of European migrant warblers have not shifted northwards during a period of climate change. <i>Global Ecology and Biogeography</i> , 2015, 24, 427-436.	5.8	25
65	Estimates and correlates of bird and bat mortality at small wind turbine sites. <i>Biodiversity and Conservation</i> , 2015, 24, 467-482.	2.6	7
66	Species traits explain variation in detectability of UK birds. <i>Bird Study</i> , 2014, 61, 340-350.	1.0	57
67	Improving species distribution models: the value of data on abundance. <i>Methods in Ecology and Evolution</i> , 2014, 5, 506-513.	5.2	145
68	Relative importance of prey abundance and habitat structure as drivers of shorebird breeding success and abundance. <i>Animal Conservation</i> , 2014, 17, 535-543.	2.9	20
69	Mechanisms underpinning climatic impacts on natural populations: altered species interactions are more important than direct effects. <i>Global Change Biology</i> , 2014, 20, 2221-2229.	9.5	264
70	Can site and landscape-scale environmental attributes buffer bird populations against weather events?. <i>Ecography</i> , 2014, 37, 872-882.	4.5	21
71	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
72	Carry-over effects from passage regions are more important than breeding climate in determining the breeding phenology and performance of three avian migrants of conservation concern. <i>Biodiversity and Conservation</i> , 2014, 23, 2427-2444.	2.6	68

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73	Assessing trends in biodiversity over space and time using the example of British breeding birds. <i>Journal of Applied Ecology</i> , 2014, 51, 1650-1660.	4.0	34
74	Should we account for detectability in population trends?. <i>Bird Study</i> , 2013, 60, 384-390.	1.0	30
75	Observed and predicted effects of climate change on species abundance in protected areas. <i>Nature Climate Change</i> , 2013, 3, 1055-1061.	18.8	146
76	Climatic effects on breeding grounds are more important drivers of breeding phenology in migrant birds than carry-over effects from wintering grounds. <i>Biology Letters</i> , 2013, 9, 20130669.	2.3	63
77	More and more generalists: two decades of changes in the European avifauna. <i>Biology Letters</i> , 2012, 8, 780-782.	2.3	134
78	Spatial variation and habitat relationships in moorland bird assemblages: a British perspective. , 2012, , 207-236.		7
79	Modelled sensitivity of avian collision rate at wind turbines varies with number of hours of flight activity input data. <i>Ibis</i> , 2012, 154, 858-861.	1.9	9
80	Protected areas facilitate species' range expansions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14063-14068.	7.1	185
81	Composite bird indicators robust to variation in species selection and habitat specificity. <i>Ecological Indicators</i> , 2012, 18, 200-207.	6.3	26
82	Disentangling the Relative Importance of Changes in Climate and Land-Use Intensity in Driving Recent Bird Population Trends. <i>PLoS ONE</i> , 2012, 7, e30407.	2.5	112
83	Modelling changes in species' abundance in response to projected climate change. <i>Diversity and Distributions</i> , 2012, 18, 121-132.	4.1	78
84	Greater impacts of wind farms on bird populations during construction than subsequent operation: results of a multi-site and multi-species analysis. <i>Journal of Applied Ecology</i> , 2012, 49, 386-394.	4.0	126
85	Maintaining northern peatland ecosystems in a changing climate: effects of soil moisture, drainage and drain blocking on craneflies. <i>Global Change Biology</i> , 2011, 17, 2991-3001.	9.5	60
86	Targeting research to underpin climate change adaptation for birds. <i>Ibis</i> , 2011, 153, 207-211.	1.9	19
87	The influence of climate and topography in patterns of territory establishment in a range-expanding bird. <i>Ibis</i> , 2011, 153, 336-344.	1.9	17
88	Modelling conservation management options for a southern range-margin population of Golden Plover <i>Pluvialis apricaria</i> vulnerable to climate change. <i>Ibis</i> , 2011, 153, 345-356.	1.9	24
89	Commentary: Unravelling the mechanisms linking climate change, agriculture and avian population declines. <i>Ibis</i> , 2010, 152, 439-442.	1.9	8
90	Impacts of climate on prey abundance account for fluctuations in a population of a northern wader at the southern edge of its range. <i>Global Change Biology</i> , 2010, 16, 12-23.	9.5	121

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91	The distribution of breeding birds around upland wind farms. <i>Journal of Applied Ecology</i> , 2009, 46, 1323-1331.	4.0	172
92	The impact of raptors on the abundance of upland passerines and waders. <i>Oikos</i> , 2008, 117, 1143-1152.	2.7	16
93	Map of bird sensitivities to wind farms in Scotland: A tool to aid planning and conservation. <i>Biological Conservation</i> , 2008, 141, 2342-2356.	4.1	98
94	Measuring Avoidance by Capercaillies Tetrao Urogallus of Woodland Close to Tracks. <i>Wildlife Biology</i> , 2007, 13, 19-27.	1.4	29
95	Survival of Band-Tailed Manakins. <i>Condor</i> , 2007, 109, 167-172.	1.6	10
96	The role of habitat composition in determining breeding site occupancy in a declining Ring Ouzel <i>Turdus torquatus</i> population. <i>Ibis</i> , 2007, 149, 374-385.	1.9	14
97	Relationships between bird abundance and the composition and structure of moorland vegetation. <i>Bird Study</i> , 2006, 53, 112-125.	1.0	83
98	Wader recruitment indices suggest nesting success is temperature-dependent in Dunlin <i>Calidris alpina</i> . <i>Ibis</i> , 2006, 148, 405-410.	1.9	11
99	The contribution of invertebrate taxa to moorland bird diets and the potential implications of land-use management. <i>Ibis</i> , 2006, 148, 615-628.	1.9	63
100	The role of forest maturation in causing the decline of Black Grouse Tetrao tetrix. <i>Ibis</i> , 2006, 149, 143-155.	1.9	48
101	Observer variation in estimates of Meadow Pipit <i>Anthus pratensis</i> and Skylark <i>Alauda arvensis</i> abundance on moorland. <i>Bird Study</i> , 2006, 53, 92-95.	1.0	14
102	Characterization of moorland vegetation and the prediction of bird abundance using remote sensing. <i>Journal of Biogeography</i> , 2005, 32, 697-707.	3.0	15
103	Difficulties of counting breeding Golden Plovers <i>Pluvialis apricaria</i> . <i>Bird Study</i> , 2005, 52, 339-342.	1.0	9
104	Golden Plover <i>Pluvialis apricaria</i> breeding success on a moor managed for shooting Red Grouse <i>Lagopus lagopus</i> . <i>Bird Study</i> , 2003, 50, 170-177.	1.0	24
105	Correlates of the change in Ring Ouzel <i>Turdus torquatus</i> abundance in Scotland from 1988 to 1999. <i>Bird Study</i> , 2003, 50, 97-105.	1.0	25
106	The avifauna of the Beni Biological Station, Bolivia. <i>Bird Conservation International</i> , 1997, 7, 117-159.	1.3	15
107	Impacts of COVID-19 restrictions on capacity to monitor bird populations: a case study using the UK Breeding Bird Survey. <i>Bird Study</i> , 0, , 1-13.	1.0	2