

# Alexi Lehikoinen

## List of Publications by Year in descending order

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Version: 2024-02-01

107  
papers

4,722  
citations

117619

34  
h-index

114455

63  
g-index

113  
all docs

113  
docs citations

113  
times ranked

4472  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Advance of Spring Arrival Dates in Long-Distance Migratory Birds. <i>Science</i> , 2006, 312, 1959-1961.	12.6	399
2	Climate warming, ecological mismatch at arrival and population decline in migratory birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 835-842.	2.6	321
3	A comprehensive evaluation of predictive performance of 33 species distribution models at species and community levels. <i>Ecological Monographs</i> , 2019, 89, e01370.	5.4	290
4	Joint species distribution modelling with the <code>r</code> package <code>Hmsc</code> . <i>Methods in Ecology and Evolution</i> , 2020, 11, 442-447.	5.2	245
5	Consistent response of bird populations to climate change on two continents. <i>Science</i> , 2016, 352, 84-87.	12.6	212
6	Rapid climate driven shifts in wintering distributions of three common waterbird species. <i>Global Change Biology</i> , 2013, 19, 2071-2081.	9.5	178
7	A review and meta-analysis of the effects of climate change on Holarctic mountain and upland bird populations. <i>Ibis</i> , 2018, 160, 489-515.	1.9	117
8	Spring arrival of birds depends on the North Atlantic Oscillation. <i>Journal of Avian Biology</i> , 2004, 35, 210-216.	1.2	114
9	Patterns of climate-induced density shifts of species: poleward shifts faster in northern boreal birds than in southern birds. <i>Global Change Biology</i> , 2014, 20, 2995-3003.	9.5	101
10	Tracking Progress Toward EU Biodiversity Strategy Targets: EU Policy Effects in Preserving its Common Farmland Birds. <i>Conservation Letters</i> , 2017, 10, 395-402.	5.7	94
11	Winter climate affects subsequent breeding success of common eiders. <i>Global Change Biology</i> , 2006, 12, 1355-1365.	9.5	89
12	Declining population trends of European mountain birds. <i>Global Change Biology</i> , 2019, 25, 577-588.	9.5	82
13	North by north-west: climate change and directions of density shifts in birds. <i>Global Change Biology</i> , 2016, 22, 1121-1129.	9.5	80
14	Common montane birds are declining in northern Europe. <i>Journal of Avian Biology</i> , 2014, 45, 3-14.	1.2	79
15	The Breeding Ranges of Central European and Arctic Bird Species Move Poleward. <i>PLoS ONE</i> , 2012, 7, e43648.	2.5	78
16	A state-of-the-art review on birds as indicators of biodiversity: Advances, challenges, and future directions. <i>Ecological Indicators</i> , 2020, 118, 106728.	6.3	73
17	The impact of climate and cyclic food abundance on the timing of breeding and brood size in four boreal owl species. <i>Oecologia</i> , 2011, 165, 349-355.	2.0	72
18	Population trends in boreal birds: Continuing declines in agricultural, northern, and long-distance migrant species. <i>Biological Conservation</i> , 2013, 168, 99-107.	4.1	71

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19	Effects of climate change on European ducks: what do we know and what do we need to know?. <i>Wildlife Biology</i> , 2013, 19, 404-419.	1.4	71
20	Climate-driven changes in winter abundance of a migratory waterbird in relation to EU protected areas. <i>Diversity and Distributions</i> , 2015, 21, 571-582.	4.1	70
21	Protected areas act as a buffer against detrimental effects of climate change—Evidence from large-scale, long-term abundance data. <i>Global Change Biology</i> , 2019, 25, 304-313.	9.5	62
22	Reproduction of the common buzzard at its northern range margin under climatic change. <i>Oikos</i> , 2009, 118, 829-836.	2.7	58
23	Shifts in timing and duration of breeding for 73 boreal bird species over four decades. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18557-18565.	7.1	57
24	Causes and consequences of fine-scale breeding dispersal in a female-philopatric species. <i>Oecologia</i> , 2011, 166, 327-336.	2.0	52
25	Continent-scale global change attribution in European birds—combining annual and decadal time scales. <i>Global Change Biology</i> , 2016, 22, 530-543.	9.5	51
26	Habitat-specific population trajectories in boreal waterbirds: alarming trends and bioindicators for wetlands. <i>Animal Conservation</i> , 2016, 19, 88-95.	2.9	51
27	Large-scale change in the sex ratio of a declining eider <i>Somateria mollissima</i> population. <i>Wildlife Biology</i> , 2008, 14, 288-301.	1.4	47
28	The importance of hunting pressure, habitat preference and life history for population trends of breeding waterbirds in Finland. <i>European Journal of Wildlife Research</i> , 2013, 59, 245-256.	1.4	47
29	Phenology of the avian spring migratory passage in Europe and North America: Asymmetric advancement in time and increase in duration. <i>Ecological Indicators</i> , 2019, 101, 985-991.	6.3	47
30	Climate change reshuffles northern species within their niches. <i>Nature Climate Change</i> , 2022, 12, 587-592.	18.8	46
31	Delayed autumn migration in northern European waterfowl. <i>Journal of Ornithology</i> , 2012, 153, 563-570.	1.1	43
32	Large-Scale Monitoring of Waders on Their Boreal and Arctic Breeding Grounds in Northern Europe. <i>Ardea</i> , 2015, 103, 3-15.	0.6	43
33	Habitat- and species-mediated short- and long-term distributional changes in waterbird abundance linked to variation in European winter weather. <i>Diversity and Distributions</i> , 2019, 25, 225-239.	4.1	41
34	Birds on the move in the face of climate change: High species turnover in northern Europe. <i>Ecology and Evolution</i> , 2017, 7, 8201-8209.	1.9	40
35	Distance decay 2.0—A global synthesis of taxonomic and functional turnover in ecological communities. <i>Global Ecology and Biogeography</i> , 2022, 31, 1399-1421.	5.8	40
36	Long-term and large-scale multispecies dataset tracking population changes of common European breeding birds. <i>Scientific Data</i> , 2021, 8, 21.	5.3	39

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37	Substantial decline of Northern European peatland bird populations: Consequences of drainage. <i>Biological Conservation</i> , 2017, 214, 223-232.	4.1	38
38	The role of urban habitats in the abundance of red squirrels ( <i>Sciurus vulgaris</i> , L.) in Finland. <i>Urban Forestry and Urban Greening</i> , 2017, 27, 100-108.	5.3	37
39	Protected areas alleviate climate change effects on northern bird species of conservation concern. <i>Ecology and Evolution</i> , 2014, 4, 2991-3003.	1.9	36
40	Adult predation risk drives shifts in parental care strategies: a long-term study. <i>Journal of Animal Ecology</i> , 2011, 80, 49-56.	2.8	34
41	Impacts of climate and land-use change on wintering bird populations in Finland. <i>Journal of Avian Biology</i> , 2015, 46, 63-72.	1.2	34
42	Differences in shifts of wintering and breeding ranges lead to changing migration distances in European birds. <i>Journal of Avian Biology</i> , 2016, 47, 619-628.	1.2	34
43	Impacts of trichomonosis epidemics on Greenfinch <i>Chloris chloris</i> and Chaffinch <i>Fringilla coelebs</i> populations in Finland. <i>Ibis</i> , 2013, 155, 357-366.	1.9	32
44	Climate change, phenology and species detectability in a monitoring scheme. <i>Population Ecology</i> , 2013, 55, 315-323.	1.2	28
45	Prey-switching and Diet of the Great Cormorant During the Breeding Season in the Gulf of Finland. <i>Waterbirds</i> , 2005, 28, 511-515.	0.3	27
46	Do female ornaments indicate quality in eider ducks?. <i>Biology Letters</i> , 2010, 6, 225-228.	2.3	27
47	Matching trends between recent distributional changes of northern-boreal birds and species-climate model predictions. <i>Biological Conservation</i> , 2014, 172, 124-127.	4.1	26
48	Large-scale climatic drivers of regional winter bird population trends. <i>Diversity and Distributions</i> , 2016, 22, 1163-1173.	4.1	26
49	Life history events of the Eurasian sparrowhawk <i>Accipiter nisus</i> in a changing climate. <i>Journal of Avian Biology</i> , 2010, 41, 627-636.	1.2	25
50	Impact of climate change and prey abundance on nesting success of a top predator, the goshawk. <i>Oecologia</i> , 2013, 171, 283-293.	2.0	25
51	Effects of Natura 2000 on nontarget bird and butterfly species based on citizen science data. <i>Conservation Biology</i> , 2020, 34, 666-676.	4.7	25
52	Response to Comment on "Rapid Advance of Spring Arrival Dates in Long-Distance Migratory Birds". <i>Science</i> , 2007, 315, 598c-598c.	12.6	24
53	Effects of high latitude protected areas on bird communities under rapid climate change. <i>Global Change Biology</i> , 2017, 23, 2241-2249.	9.5	23
54	Positive impacts of important bird and biodiversity areas on wintering waterbirds under changing temperatures throughout Europe and North Africa. <i>Biological Conservation</i> , 2020, 246, 108549.	4.1	23

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55	Wintering bird communities are tracking climate change faster than breeding communities. <i>Journal of Animal Ecology</i> , 2021, 90, 1085-1095.	2.8	23
56	Bird population declines and species turnover are changing the acoustic properties of spring soundscapes. <i>Nature Communications</i> , 2021, 12, 6217.	12.8	23
57	Counteracting wetland overgrowth increases breeding and staging bird abundances. <i>Scientific Reports</i> , 2017, 7, 41391.	3.3	22
58	Advanced Autumn Migration of Sparrowhawk Has Increased the Predation Risk of Long-Distance Migrants in Finland. <i>PLoS ONE</i> , 2011, 6, e20001.	2.5	20
59	Current and Potential Threats to Nordic Duck Populations – A Horizon Scanning Exercise. <i>Annales Zoologici Fennici</i> , 2015, 52, 193-220.	0.6	20
60	Urbanisation of the wood pigeon ( <i>Columba palumbus</i> ) in Finland. <i>Landscape and Urban Planning</i> , 2015, 134, 188-194.	7.5	20
61	Linking species interactions with phylogenetic and functional distance in European bird assemblages at broad spatial scales. <i>Global Ecology and Biogeography</i> , 2017, 26, 952-962.	5.8	20
62	A positive relationship between spring temperature and productivity in 20 songbird species in the boreal zone. <i>Oecologia</i> , 2018, 186, 883-893.	2.0	20
63	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
64	Gray plumage color is more cryptic than brown in snowy landscapes in a resident color polymorphic bird. <i>Ecology and Evolution</i> , 2020, 10, 1751-1761.	1.9	20
65	Modelling irruptions and population dynamics of the great spotted woodpecker – joint effects of density and cone crops. <i>Oikos</i> , 2011, 120, 1065-1075.	2.7	19
66	Interannual variation and long-term trends in proportions of resident individuals in partially migratory birds. <i>Journal of Animal Ecology</i> , 2016, 85, 570-580.	2.8	19
67	Are winter and breeding bird communities able to track rapid climate change? Lessons from the high North. <i>Diversity and Distributions</i> , 2017, 23, 308-316.	4.1	19
68	Effects of flyway-wide weather conditions and breeding habitat on the breeding abundance of migratory boreal waterbirds. <i>Journal of Avian Biology</i> , 2017, 48, 988-996.	1.2	19
69	Climate-driven synchrony in seed production of masting deciduous and conifer tree species. <i>Journal of Plant Ecology</i> , 0, , rtw117.	2.3	18
70	The role of cormorants, fishing effort and temperature on the catches per unit effort of fisheries in Finnish coastal areas. <i>Fisheries Research</i> , 2017, 190, 175-182.	1.7	18
71	Benefits of protected areas for nonbreeding waterbirds adjusting their distributions under climate warming. <i>Conservation Biology</i> , 2021, 35, 834-845.	4.7	18
72	Short-lived species move uphill faster under climate change. <i>Oecologia</i> , 2022, 198, 877-888.	2.0	18

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73	DOES SEX-SPECIFIC DUCKLING MORTALITY CONTRIBUTE TO MALE BIAS IN ADULT COMMON EIDERS?. <i>Condor</i> , 2008, 110, 574-578.	1.6	17
74	Breeding phenological response to spring weather conditions in common Finnish birds: resident species respond stronger than migratory species. <i>Journal of Avian Biology</i> , 2017, 48, 611-619.	1.2	17
75	The future distribution of wetland birds breeding in Europe validated against observed changes in distribution. <i>Environmental Research Letters</i> , 2022, 17, 024025.	5.2	17
76	Increasing protected area coverage mitigates climate-driven community changes. <i>Biological Conservation</i> , 2021, 253, 108892.	4.1	16
77	Young and female-biased irruptions in pygmy owls <i>Glaucidium passerinum</i> in southern Finland. <i>Journal of Avian Biology</i> , 2011, 42, 564-569.	1.2	14
78	Can protected areas buffer short-term population changes of resident bird species in a period of intensified forest harvesting?. <i>Biological Conservation</i> , 2020, 244, 108526.	4.1	13
79	Covariation in population trends and demography reveals targets for conservation action. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20202955.	2.6	13
80	Role of forest ditching and agriculture on water quality: Connecting the long-term physico-chemical subsurface state of lakes with landscape and habitat structure information. <i>Science of the Total Environment</i> , 2022, 806, 151477.	8.0	13
81	The effects of hatching date on timing of autumn migration in partial migrants – an individual approach. <i>Journal of Avian Biology</i> , 2013, 44, 272-280.	1.2	12
82	Velocity of density shifts in Finnish landbird species depends on their migration ecology and body mass. <i>Oecologia</i> , 2016, 181, 313-321.	2.0	12
83	Challenges and benefits of using unstructured citizen science data to estimate seasonal timing of bird migration across large scales. <i>PLoS ONE</i> , 2021, 16, e0246572.	2.5	10
84	Organic animal farms increase farmland bird abundance in the Boreal region. <i>PLoS ONE</i> , 2019, 14, e0216009.	2.5	9
85	Population trends of waders on their boreal and arctic breeding grounds in northern Europe. <i>Wader Study</i> , 2019, 126, 200-216.	0.4	9
86	The effects of protected areas on the ecological niches of birds and mammals. <i>Scientific Reports</i> , 2022, 12, .	3.3	8
87	The impact of tree crops and temperature on the timing of frugivorous bird migration. <i>Oecologia</i> , 2020, 193, 1021-1026.	2.0	6
88	Promiscuous specialists: Host specificity patterns among generalist louse flies. <i>PLoS ONE</i> , 2021, 16, e0247698.	2.5	6
89	Snow depth drives habitat selection by overwintering birds in built-up areas, farmlands and forests. <i>Journal of Biogeography</i> , 2022, 49, 630-639.	3.0	6
90	Top-down effects override climate forcing on reproductive success in a declining sea duck. <i>Oikos</i> , 2022, 2022, .	2.7	6

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91	Using the first European Breeding Bird Atlas for science and perspectives for the new Atlas. Bird Study, 2019, 66, 149-158.	1.0	5
92	Biodiversity and bird surveys in Finnish environmental impact assessments and follow-up monitoring. Environmental Impact Assessment Review, 2021, 87, 106532.	9.2	4
93	An assessment of relative habitat use as a metric for speciesâ€™ habitat association and degree of specialization. Ecological Indicators, 2022, 135, 108521.	6.3	4
94	A rapid increase of large-sized waterfowl does not explain the population declines of small-sized waterbird at their breeding sites. Global Ecology and Conservation, 2022, 36, e02144.	2.1	4
95	Range shifts of overwintering birds depend on habitat type, snow conditions and habitat specialization. Oecologia, 0, , .	2.0	3
96	Declining peatland bird numbers are not consistent with the increasing Common Crane population. Journal of Ornithology, 2020, 161, 691-700.	1.1	2
97	Luonnon monimuotoisuus ja vihreÄ elvytys. Suomen Luontopaneelin Julkaisuja, 0, , .	0.0	2
98	Linking climate change vulnerability research and evidence on conservation action effectiveness to safeguard European seabird populations. Journal of Applied Ecology, 2022, 59, 1178-1186.	4.0	2
99	MetsÄluonnon turvaava suojelun kohdentaminen Suomessa. Suomen Luontopaneelin Julkaisuja, 0, , .	0.0	2
100	Jatkovapeitteisen metsÄnkÄsittelyn vaikutukset luonnon monimuotoisuuteen, vesistÄjihin, ilmastoon, virkistyskÄyttÄÄjn ja metsÄtuhoriskeihin. Suomen Luontopaneelin Julkaisuja, 0, , .	0.0	2
101	Occurrence and Behaviour of White-Tailed Eagles Haliaeetus albicilla in Great Cormorant Phalacrocorax Carbo Sinensis Colonies in Countries around the Baltic Sea. Ardea, 2022, 109, .	0.6	2
102	Keskeiset keinot luontokadon pysÄyttÄmiseksi. Suomen Luontopaneelin Julkaisuja, 0, , .	0.0	1
103	Soiden ennallistamisen suoluonto-, vesistÄ- ja ilmastovaikutukset. Luontopaneelin yhteenveto ja suositukset luontopolitiikan suunnittelun ja pÄÄtÄksenteon tueksi.. Suomen Luontopaneelin Julkaisuja, 0, , .	0.0	1
104	Titmice are a better indicator of bird density in Northern European than in Western European forests. Ecology and Evolution, 2022, 12, e8479.	1.9	0
105	MetsÄluonnon turvaava suojelun kohdentaminen Suomessa. Suomen Luontopaneelin Julkaisuja, 0, , .	0.0	0
106	Jatkovapeitteisen metsÄnkÄsittelyn ympÄristÄ- ja talousvaikutukset: Raportin yhteenveto. Suomen Luontopaneelin Julkaisuja, 0, , .	0.0	0
107	Expanding East: Great Cormorants Phalacrocorax carbo Thriving in the Eastern Baltic and Gulf of Finland. Ardea, 2022, 109, .	0.6	0