

# Aleksi Lehtikoinen

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

92  
papers

3,034  
citations

29  
h-index

53  
g-index

113  
ext. papers

3,852  
ext. citations

5.6  
avg, IF

5.35  
L-index

#	Paper	IF	Citations
92	Rapid advance of spring arrival dates in long-distance migratory birds. <i>Science</i> , <b>2006</b> , 312, 1959-61	33.3	318
91	Climate warming, ecological mismatch at arrival and population decline in migratory birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2011</b> , 278, 835-42	4.4	259
90	Consistent response of bird populations to climate change on two continents. <i>Science</i> , <b>2016</b> , 352, 84-7	33.3	159
89	A comprehensive evaluation of predictive performance of 33 species distribution models at species and community levels. <i>Ecological Monographs</i> , <b>2019</b> , 89, e01370	9	135
88	Rapid climate driven shifts in wintering distributions of three common waterbird species. <i>Global Change Biology</i> , <b>2013</b> , 19, 2071-81	11.4	127
87	Joint species distribution modelling with the r-package Hmsc. <i>Methods in Ecology and Evolution</i> , <b>2020</b> , 11, 442-447	7.7	99
86	Spring arrival of birds depends on the North Atlantic Oscillation. <i>Journal of Avian Biology</i> , <b>2004</b> , 35, 210-216	21.6	95
85	Winter climate affects subsequent breeding success of common eiders. <i>Global Change Biology</i> , <b>2006</b> , 12, 1355-1365	11.4	81
84	Patterns of climate-induced density shifts of species: poleward shifts faster in northern boreal birds than in southern birds. <i>Global Change Biology</i> , <b>2014</b> , 20, 2995-3003	11.4	74
83	Population trends in boreal birds: Continuing declines in agricultural, northern, and long-distance migrant species. <i>Biological Conservation</i> , <b>2013</b> , 168, 99-107	6.2	61
82	Tracking Progress Toward EU Biodiversity Strategy Targets: EU Policy Effects in Preserving its Common Farmland Birds. <i>Conservation Letters</i> , <b>2017</b> , 10, 395-402	6.9	61
81	Common montane birds are declining in northern Europe. <i>Journal of Avian Biology</i> , <b>2014</b> , 45, 3-14	1.9	60
80	A review and meta-analysis of the effects of climate change on Holarctic mountain and upland bird populations. <i>Ibis</i> , <b>2018</b> , 160, 489-515	1.9	57
79	The breeding ranges of Central European and Arctic bird species move poleward. <i>PLoS ONE</i> , <b>2012</b> , 7, e43648	3.7	57
78	The impact of climate and cyclic food abundance on the timing of breeding and brood size in four boreal owl species. <i>Oecologia</i> , <b>2011</b> , 165, 349-55	2.9	53
77	Reproduction of the common buzzard at its northern range margin under climatic change. <i>Oikos</i> , <b>2009</b> , 118, 829-836	4	53
76	North by north-west: climate change and directions of density shifts in birds. <i>Global Change Biology</i> , <b>2016</b> , 22, 1121-9	11.4	53

75	Effects of climate change on European ducks: what do we know and what do we need to know?. <i>Wildlife Biology</i> , <b>2013</b> , 19, 404-419	1.7	52
74	Climate-driven changes in winter abundance of a migratory waterbird in relation to EU protected areas. <i>Diversity and Distributions</i> , <b>2015</b> , 21, 571-582	5	51
73	Declining population trends of European mountain birds. <i>Global Change Biology</i> , <b>2019</b> , 25, 577-588	11.4	51
72	Causes and consequences of fine-scale breeding dispersal in a female-philopatric species. <i>Oecologia</i> , <b>2011</b> , 166, 327-36	2.9	42
71	Continent-scale global change attribution in European birds - combining annual and decadal time scales. <i>Global Change Biology</i> , <b>2016</b> , 22, 530-43	11.4	41
70	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> , <b>2013</b> , 59, 245-256	2	40
69	Large-scale change in the sex ratio of a declining eider <i>Somateria mollissima</i> population. <i>Wildlife Biology</i> , <b>2008</b> , 14, 288-301	1.7	39
68	Delayed autumn migration in northern European waterfowl. <i>Journal of Ornithology</i> , <b>2012</b> , 153, 563-570	1.5	37
67	Habitat-specific population trajectories in boreal waterbirds: alarming trends and bioindicators for wetlands. <i>Animal Conservation</i> , <b>2016</b> , 19, 88-95	3.2	35
66	Large-Scale Monitoring of Waders on Their Boreal and Arctic Breeding Grounds in Northern Europe. <i>Ardea</i> , <b>2015</b> , 103, 3-15	0.9	34
65	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> , <b>2019</b> , 25, 304-313	11.4	33
64	Protected areas alleviate climate change effects on northern bird species of conservation concern. <i>Ecology and Evolution</i> , <b>2014</b> , 4, 2991-3003	2.8	30
63	Adult predation risk drives shifts in parental care strategies: a long-term study. <i>Journal of Animal Ecology</i> , <b>2011</b> , 80, 49-56	4.7	29
62	Impacts of climate and land-use change on wintering bird populations in Finland. <i>Journal of Avian Biology</i> , <b>2015</b> , 46, 63-72	1.9	25
61	Impacts of trichomonosis epidemics on Greenfinch <i>Chloris chloris</i> and Chaffinch <i>Fringilla coelebs</i> populations in Finland. <i>Ibis</i> , <b>2013</b> , 155, 357-366	1.9	25
60	Phenology of the avian spring migratory passage in Europe and North America: Asymmetric advancement in time and increase in duration. <i>Ecological Indicators</i> , <b>2019</b> , 101, 985-991	5.8	25
59	Climate change, phenology and species detectability in a monitoring scheme. <i>Population Ecology</i> , <b>2013</b> , 55, 315-323	2.1	24
58	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> , <b>2017</b> , 27, 100-108	5.4	24

57	Life history events of the Eurasian sparrowhawk <i>Accipiter nisus</i> in a changing climate. <i>Journal of Avian Biology</i> , <b>2010</b> , 41, 627-636	1.9	23
56	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> , <b>2020</b> , 117, 18557-18565	11.5	23
55	A state-of-the-art review on birds as indicators of biodiversity: Advances, challenges, and future directions. <i>Ecological Indicators</i> , <b>2020</b> , 118, 106728	5.8	23
54	Birds on the move in the face of climate change: High species turnover in northern Europe. <i>Ecology and Evolution</i> , <b>2017</b> , 7, 8201-8209	2.8	22
53	Do female ornaments indicate quality in eider ducks?. <i>Biology Letters</i> , <b>2010</b> , 6, 225-8	3.6	21
52	Prey-switching and Diet of the Great Cormorant During the Breeding Season in the Gulf of Finland. <i>Waterbirds</i> , <b>2005</b> , 28, 511-515	0.5	21
51	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> , <b>2019</b> , 25, 225-239	5	21
50	Large-scale climatic drivers of regional winter bird population trends. <i>Diversity and Distributions</i> , <b>2016</b> , 22, 1163-1173	5	20
49	Impact of climate change and prey abundance on nesting success of a top predator, the goshawk. <i>Oecologia</i> , <b>2013</b> , 171, 283-93	2.9	20
48	Differences in shifts of wintering and breeding ranges lead to changing migration distances in European birds. <i>Journal of Avian Biology</i> , <b>2016</b> , 47, 619-628	1.9	20
47	Matching trends between recent distributional changes of northern-boreal birds and species-climate model predictions. <i>Biological Conservation</i> , <b>2014</b> , 172, 124-127	6.2	19
46	Substantial decline of Northern European peatland bird populations: Consequences of drainage. <i>Biological Conservation</i> , <b>2017</b> , 214, 223-232	6.2	18
45	Comment on "Rapid advance of spring arrival dates in long-distance migratory birds". <i>Science</i> , <b>2007</b> , 315, 598; author reply 598	33.3	17
44	Interannual variation and long-term trends in proportions of resident individuals in partially migratory birds. <i>Journal of Animal Ecology</i> , <b>2016</b> , 85, 570-80	4.7	16
43	Linking species interactions with phylogenetic and functional distance in European bird assemblages at broad spatial scales. <i>Global Ecology and Biogeography</i> , <b>2017</b> , 26, 952-962	6.1	16
42	Current and Potential Threats to Nordic Duck Populations – A Horizon Scanning Exercise. <i>Annales Zoologici Fennici</i> , <b>2015</b> , 52, 193-220	0.9	16
41	Advanced autumn migration of sparrowhawk has increased the predation risk of long-distance migrants in Finland. <i>PLoS ONE</i> , <b>2011</b> , 6, e20001	3.7	16
40	Effects of flyway-wide weather conditions and breeding habitat on the breeding abundance of migratory boreal waterbirds. <i>Journal of Avian Biology</i> , <b>2017</b> , 48, 988-996	1.9	15

39	Modelling irruptions and population dynamics of the great spotted woodpecker [Joint effects of density and cone crops. <i>Oikos</i> , <b>2011</b> , 120, 1065-1075	4	15
38	Overcoming the challenges of public data archiving for citizen science biodiversity recording and monitoring schemes. <i>Journal of Applied Ecology</i> , <b>2018</b> , 55, 2544-2551	5.8	15
37	Effects of high latitude protected areas on bird communities under rapid climate change. <i>Global Change Biology</i> , <b>2017</b> , 23, 2241-2249	11.4	14
36	Does Sex-Specific Duckling Mortality Contribute to Male Bias in Adult Common Eiders? Contribuye la Mortalidad Vinculada al Sexo de los Pichones al Sesgo hacia los Machos en los Adultos de Somateria mollissima? Short Communications Short Communications. <i>Condor</i> , <b>2008</b> , 110, 574-578	2.1	13
35	Counteracting wetland overgrowth increases breeding and staging bird abundances. <i>Scientific Reports</i> , <b>2017</b> , 7, 41391	4.9	12
34	Climate-driven synchrony in seed production of masting deciduous and conifer tree species. <i>Journal of Plant Ecology</i> , <b>2016</b> , rtw117	1.7	12
33	The effects of hatching date on timing of autumn migration in partial migrants [An individual approach. <i>Journal of Avian Biology</i> , <b>2013</b> , 44, 272-280	1.9	12
32	Urbanisation of the wood pigeon ( <i>Columba palumbus</i> ) in Finland. <i>Landscape and Urban Planning</i> , <b>2015</b> , 134, 188-194	7.7	11
31	Positive impacts of important bird and biodiversity areas on wintering waterbirds under changing temperatures throughout Europe and North Africa. <i>Biological Conservation</i> , <b>2020</b> , 246, 108549	6.2	11
30	A positive relationship between spring temperature and productivity in 20 songbird species in the boreal zone. <i>Oecologia</i> , <b>2018</b> , 186, 883-893	2.9	11
29	The role of cormorants, fishing effort and temperature on the catches per unit effort of fisheries in Finnish coastal areas. <i>Fisheries Research</i> , <b>2017</b> , 190, 175-182	2.3	10
28	Velocity of density shifts in Finnish landbird species depends on their migration ecology and body mass. <i>Oecologia</i> , <b>2016</b> , 181, 313-21	2.9	10
27	Breeding phenological response to spring weather conditions in common Finnish birds: resident species respond stronger than migratory species. <i>Journal of Avian Biology</i> , <b>2017</b> , 48, 611-619	1.9	10
26	Effects of Natura 2000 on nontarget bird and butterfly species based on citizen science data. <i>Conservation Biology</i> , <b>2020</b> , 34, 666-676	6	10
25	Long-term and large-scale multispecies dataset tracking population changes of common European breeding birds. <i>Scientific Data</i> , <b>2021</b> , 8, 21	8.2	9
24	Gray plumage color is more cryptic than brown in snowy landscapes in a resident color polymorphic bird. <i>Ecology and Evolution</i> , <b>2020</b> , 10, 1751-1761	2.8	7
23	Young and female-biased irruptions in pygmy owls <i>Glaucidium passerinum</i> in southern Finland. <i>Journal of Avian Biology</i> , <b>2011</b> , 42, 564-569	1.9	7
22	Are winter and breeding bird communities able to track rapid climate change? Lessons from the high North. <i>Diversity and Distributions</i> , <b>2017</b> , 23, 308-316	5	6

21	Bird population declines and species turnover are changing the acoustic properties of spring soundscapes. <i>Nature Communications</i> , <b>2021</b> , 12, 6217	17.4	6
20	Can protected areas buffer short-term population changes of resident bird species in a period of intensified forest harvesting?. <i>Biological Conservation</i> , <b>2020</b> , 244, 108526	6.2	6
19	Organic animal farms increase farmland bird abundance in the Boreal region. <i>PLoS ONE</i> , <b>2019</b> , 14, e0216009	9.9	5
18	Increasing protected area coverage mitigates climate-driven community changes. <i>Biological Conservation</i> , <b>2021</b> , 253, 108892	6.2	5
17	Population trends of waders on their boreal and arctic breeding grounds in northern Europe. <i>Wader Study</i> , <b>2019</b> , 126, 200-216	1.4	4
16	Benefits of protected areas for nonbreeding waterbirds adjusting their distributions under climate warming. <i>Conservation Biology</i> , <b>2021</b> , 35, 834-845	6	4
15	Wintering bird communities are tracking climate change faster than breeding communities. <i>Journal of Animal Ecology</i> , <b>2021</b> , 90, 1085-1095	4.7	3
14	Using the first European Breeding Bird Atlas for science and perspectives for the new Atlas. <i>Bird Study</i> , <b>2019</b> , 66, 149-158	0.7	2
13	The impact of tree crops and temperature on the timing of frugivorous bird migration. <i>Oecologia</i> , <b>2020</b> , 193, 1021-1026	2.9	2
12	Covariation in population trends and demography reveals targets for conservation action. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 288, 20202955	4.4	2
11	Biodiversity and bird surveys in Finnish environmental impact assessments and follow-up monitoring. <i>Environmental Impact Assessment Review</i> , <b>2021</b> , 87, 106532	5.3	2
10	Challenges and benefits of using unstructured citizen science data to estimate seasonal timing of bird migration across large scales. <i>PLoS ONE</i> , <b>2021</b> , 16, e0246572	3.7	2
9	Declining peatland bird numbers are not consistent with the increasing Common Crane population. <i>Journal of Ornithology</i> , <b>2020</b> , 161, 691-700	1.5	1
8	The future distribution of wetland birds breeding in Europe validated against observed changes in distribution. <i>Environmental Research Letters</i> , <b>2022</b> , 17, 024025	6.2	1
7	Short-lived species move uphill faster under climate change.. <i>Oecologia</i> , <b>2022</b> , 1	2.9	1
6	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> , <b>2022</b> , 806, 151477	10.2	1
5	Promiscuous specialists: Host specificity patterns among generalist louse flies. <i>PLoS ONE</i> , <b>2021</b> , 16, e0247698	4.7	1
4	An assessment of relative habitat use as a metric for species-habitat association and degree of specialization. <i>Ecological Indicators</i> , <b>2022</b> , 135, 108521	5.8	0

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|---|--|-----|---|
| 3 | Snow depth drives habitat selection by overwintering birds in built-up areas, farmlands and forests. <i>Journal of Biogeography</i> , <b>2022</b> , 49, 630-639  | 4.1 | ○ |
| 2 | A rapid increase of large-sized waterfowl does not explain the population declines of small-sized waterbird at their breeding sites. <i>Global Ecology and Conservation</i> , <b>2022</b> , 36, e02144 | 2.8 | ○ |
| 1 | Titmice are a better indicator of bird density in Northern European than in Western European forests.. <i>Ecology and Evolution</i> , <b>2022</b> , 12, e8479  | 2.8 |   |