Aleksi Lehikoinen

List of Publications by Year in Descending Order

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	The future distribution of wetland birds breeding in Europe validated against observed changes in distribution. *Environmental Research Letters*, **2022**, 17, 024025	6.2	1
91	Short-lived species move uphill faster under climate change.. *Oecologia*, **2022**, 1	2.9	1
90	Titmice are a better indicator of bird density in Northern European than in Western European forests.. *Ecology and Evolution*, **2022**, 12, e8479	2.8	
89	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. *Science of the Total Environment*, **2022**, 806, 151477	10.2	1
88	An assessment of relative habitat use as a metric for species–habitat association and degree of specialization. *Ecological Indicators*, **2022**, 135, 108521	5.8	0
87	Snow depth drives habitat selection by overwintering birds in built-up areas, farmlands and forests. *Journal of Biogeography*, **2022**, 49, 630-639	4.1	0
86	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	2.8	0
85	Bird population declines and species turnover are changing the acoustic properties of spring soundscapes. *Nature Communications*, **2021**, 12, 6217	17.4	6
84	Covariation in population trends and demography reveals targets for conservation action. *Proceedings of the Royal Society B: Biological Sciences*, **2021**, 288, 20202955	4.4	2
83	Long-term and large-scale multispecies dataset tracking population changes of common European breeding birds. *Scientific Data*, **2021**, 8, 21	8.2	9
82	Promiscuous specialists: Host specificity patterns among generalist louse flies. *PLoS ONE*, **2021**, 16, e0247698	3.7	1
81	Benefits of protected areas for nonbreeding waterbirds adjusting their distributions under climate warming. *Conservation Biology*, **2021**, 35, 834-845	6	4
80	Biodiversity and bird surveys in Finnish environmental impact assessments and follow-up monitoring. *Environmental Impact Assessment Review*, **2021**, 87, 106532	5.3	2
79	Increasing protected area coverage mitigates climate-driven community changes. *Biological Conservation*, **2021**, 253, 108892	6.2	5
78	Wintering bird communities are tracking climate change faster than breeding communities. *Journal of Animal Ecology*, **2021**, 90, 1085-1095	4.7	3
77	Challenges and benefits of using unstructured citizen science data to estimate seasonal timing of bird migration across large scales. *PLoS ONE*, **2021**, 16, e0246572	3.7	2
76	Declining peatland bird numbers are not consistent with the increasing Common Crane population. *Journal of Ornithology*, **2020**, 161, 691-700	1.5	1

75	Gray plumage color is more cryptic than brown in snowy landscapes in a resident color polymorphic bird. *Ecology and Evolution*, **2020**, 10, 1751-1761	2.8	7
74	Positive impacts of important bird and biodiversity areas on wintering waterbirds under changing temperatures throughout Europe and North Africa. *Biological Conservation*, **2020**, 246, 108549	6.2	11
73	Effects of Natura 2000 on nontarget bird and butterfly species based on citizen science data. *Conservation Biology*, **2020**, 34, 666-676	6	10
72	Joint species distribution modelling with the r-package Hmsc. *Methods in Ecology and Evolution*, **2020**, 11, 442-447	7.7	99
71	Shifts in timing and duration of breeding for 73 boreal bird species over four decades. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 18557-18565	11.5	23
70	A state-of-the-art review on birds as indicators of biodiversity: Advances, challenges, and future directions. *Ecological Indicators*, **2020**, 118, 106728	5.8	23
69	The impact of tree crops and temperature on the timing of frugivorous bird migration. *Oecologia*, **2020**, 193, 1021-1026	2.9	2
68	Can protected areas buffer short-term population changes of resident bird species in a period of intensified forest harvesting?. *Biological Conservation*, **2020**, 244, 108526	6.2	6
67	Using the first European Breeding Bird Atlas for science and perspectives for the new Atlas. *Bird Study*, **2019**, 66, 149-158	0.7	2
66	Organic animal farms increase farmland bird abundance in the Boreal region. *PLoS ONE*, **2019**, 14, e0216009	3.7	5
65	A comprehensive evaluation of predictive performance of 33 species distribution models at species and community levels. *Ecological Monographs*, **2019**, 89, e01370	9	135
64	Population trends of waders on their boreal and arctic breeding grounds in northern Europe. *Wader Study*, **2019**, 126, 200-216	1.4	4
63	Phenology of the avian spring migratory passage in Europe and North America: Asymmetric advancement in time and increase in duration. *Ecological Indicators*, **2019**, 101, 985-991	5.8	25
62	Protected areas act as a buffer against detrimental effects of climate change-Evidence from large-scale, long-term abundance data. *Global Change Biology*, **2019**, 25, 304-313	11.4	33
61	Habitat- and species-mediated short- and long-term distributional changes in waterbird abundance linked to variation in European winter weather. *Diversity and Distributions*, **2019**, 25, 225-239	5	21
60	Declining population trends of European mountain birds. *Global Change Biology*, **2019**, 25, 577-588	11.4	51
59	A review and meta-analysis of the effects of climate change on Holarctic mountain and upland bird populations. *Ibis*, **2018**, 160, 489-515	1.9	57
58	A positive relationship between spring temperature and productivity in 20 songbird species in the boreal zone. *Oecologia*, **2018**, 186, 883-893	2.9	11

57	Overcoming the challenges of public data archiving for citizen science biodiversity recording and monitoring schemes. *Journal of Applied Ecology*, **2018**, 55, 2544-2551	5.8	15
56	Are winter and breeding bird communities able to track rapid climate change? Lessons from the high North. *Diversity and Distributions*, **2017**, 23, 308-316	5	6
55	Effects of flyway-wide weather conditions and breeding habitat on the breeding abundance of migratory boreal waterbirds. *Journal of Avian Biology*, **2017**, 48, 988-996	1.9	15
54	The role of cormorants, fishing effort and temperature on the catches per unit effort of fisheries in Finnish coastal areas. *Fisheries Research*, **2017**, 190, 175-182	2.3	10
53	Counteracting wetland overgrowth increases breeding and staging bird abundances. *Scientific Reports*, **2017**, 7, 41391	4.9	12
52	Substantial decline of Northern European peatland bird populations: Consequences of drainage. *Biological Conservation*, **2017**, 214, 223-232	6.2	18
51	Birds on the move in the face of climate change: High species turnover in northern Europe. *Ecology and Evolution*, **2017**, 7, 8201-8209	2.8	22
50	Tracking Progress Toward EU Biodiversity Strategy Targets: EU Policy Effects in Preserving its Common Farmland Birds. *Conservation Letters*, **2017**, 10, 395-402	6.9	61
49	Linking species interactions with phylogenetic and functional distance in European bird assemblages at broad spatial scales. *Global Ecology and Biogeography*, **2017**, 26, 952-962	6.1	16
48	The role of urban habitats in the abundance of red squirrels (Sciurus vulgaris, L.) in Finland. *Urban Forestry and Urban Greening*, **2017**, 27, 100-108	5.4	24
47	Breeding phenological response to spring weather conditions in common Finnish birds: resident species respond stronger than migratory species. *Journal of Avian Biology*, **2017**, 48, 611-619	1.9	10
46	Effects of high latitude protected areas on bird communities under rapid climate change. *Global Change Biology*, **2017**, 23, 2241-2249	11.4	14
45	Large-scale climatic drivers of regional winter bird population trends. *Diversity and Distributions*, **2016**, 22, 1163-1173	5	20
44	Climate-driven synchrony in seed production of masting deciduous and conifer tree species. *Journal of Plant Ecology*, **2016**, rtw117	1.7	12
43	Velocity of density shifts in Finnish landbird species depends on their migration ecology and body mass. *Oecologia*, **2016**, 181, 313-21	2.9	10
42	Interannual variation and long-term trends in proportions of resident individuals in partially migratory birds. *Journal of Animal Ecology*, **2016**, 85, 570-80	4.7	16
41	Continent-scale global change attribution in European birds - combining annual and decadal time scales. *Global Change Biology*, **2016**, 22, 530-43	11.4	41
40	North by north-west: climate change and directions of density shifts in birds. *Global Change Biology*, **2016**, 22, 1121-9	11.4	53

39	Differences in shifts of wintering and breeding ranges lead to changing migration distances in European birds. *Journal of Avian Biology*, **2016**, 47, 619-628	1.9	20
38	Consistent response of bird populations to climate change on two continents. *Science*, **2016**, 352, 84-7	33.3	159
37	Habitat-specific population trajectories in boreal waterbirds: alarming trends and bioindicators for wetlands. *Animal Conservation*, **2016**, 19, 88-95	3.2	35
36	Climate-driven changes in winter abundance of a migratory waterbird in relation to EU protected areas. *Diversity and Distributions*, **2015**, 21, 571-582	5	51
35	Large-Scale Monitoring of Waders on Their Boreal and Arctic Breeding Grounds in Northern Europe. *Ardea*, **2015**, 103, 3-15	0.9	34
34	Urbanisation of the wood pigeon (Columba palumbus) in Finland. *Landscape and Urban Planning*, **2015**, 134, 188-194	7.7	11
33	Impacts of climate and land-use change on wintering bird populations in Finland. *Journal of Avian Biology*, **2015**, 46, 63-72	1.9	25
32	Current and Potential Threats to Nordic Duck Populations A Horizon Scanning Exercise. *Annales Zoologici Fennici*, **2015**, 52, 193-220	0.9	16
31	Patterns of climate-induced density shifts of species: poleward shifts faster in northern boreal birds than in southern birds. *Global Change Biology*, **2014**, 20, 2995-3003	11.4	74
30	Common montane birds are declining in northern Europe. *Journal of Avian Biology*, **2014**, 45, 3-14	1.9	60
29	Matching trends between recent distributional changes of northern-boreal birds and species-climate model predictions. *Biological Conservation*, **2014**, 172, 124-127	6.2	19
28	Protected areas alleviate climate change effects on northern bird species of conservation concern. *Ecology and Evolution*, **2014**, 4, 2991-3003	2.8	30
27	Population trends in boreal birds: Continuing declines in agricultural, northern, and long-distance migrant species. *Biological Conservation*, **2013**, 168, 99-107	6.2	61
26	Climate change, phenology and species detectability in a monitoring scheme. *Population Ecology*, **2013**, 55, 315-323	2.1	24
25	Effects of climate change on European ducks: what do we know and what do we need to know?. *Wildlife Biology*, **2013**, 19, 404-419	1.7	52
24	Impact of climate change and prey abundance on nesting success of a top predator, the goshawk. *Oecologia*, **2013**, 171, 283-93	2.9	20
23	The effects of hatching date on timing of autumn migration in partial migrants an individual approach. *Journal of Avian Biology*, **2013**, 44, 272-280	1.9	12
22	The importance of hunting pressure, habitat preference and life history for population trends of breeding waterbirds in Finland. *European Journal of Wildlife Research*, **2013**, 59, 245-256	2	40

21	Impacts of trichomonosis epidemics on Greenfinch Chloris chloris and Chaffinch Fringilla coelebs populations in Finland. *Ibis*, **2013**, 155, 357-366	1.9	25
20	Rapid climate driven shifts in wintering distributions of three common waterbird species. *Global Change Biology*, **2013**, 19, 2071-81	11.4	127
19	The breeding ranges of Central European and Arctic bird species move poleward. *PLoS ONE*, **2012**, 7, e43648	3.7	57
18	Delayed autumn migration in northern European waterfowl. *Journal of Ornithology*, **2012**, 153, 563-570	1.5	37
17	Adult predation risk drives shifts in parental care strategies: a long-term study. *Journal of Animal Ecology*, **2011**, 80, 49-56	4.7	29
16	Young and female-biased irruptions in pygmy owls Glaucidium passerinum in southern Finland. *Journal of Avian Biology*, **2011**, 42, 564-569	1.9	7
15	Modelling irruptions and population dynamics of the great spotted woodpecker joint effects of density and cone crops. *Oikos*, **2011**, 120, 1065-1075	4	15
14	Climate warming, ecological mismatch at arrival and population decline in migratory birds. *Proceedings of the Royal Society B: Biological Sciences*, **2011**, 278, 835-42	4.4	259
13	The impact of climate and cyclic food abundance on the timing of breeding and brood size in four boreal owl species. *Oecologia*, **2011**, 165, 349-55	2.9	53
12	Causes and consequences of fine-scale breeding dispersal in a female-philopatric species. *Oecologia* , **2011**, 166, 327-36	2.9	42
11	Advanced autumn migration of sparrowhawk has increased the predation risk of long-distance migrants in Finland. *PLoS ONE*, **2011**, 6, e20001	3.7	16
10	Life history events of the Eurasian sparrowhawk Accipiter nisus in a changing climate. *Journal of Avian Biology*, **2010**, 41, 627-636	1.9	23
9	Do female ornaments indicate quality in eider ducks?. *Biology Letters*, **2010**, 6, 225-8	3.6	21
8	Reproduction of the common buzzard at its northern range margin under climatic change. *Oikos*, **2009**, 118, 829-836	4	53
7	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 mollisima?Short CommunicationsShort Communications. *Condor*, **2008**, 110, 574-578	2.1	13
6	Large-scale change in the sex ratio of a declining eider Somateria mollissima population. *Wildlife Biology*, **2008**, 14, 288-301	1.7	39
5	Comment on "Rapid advance of spring arrival dates in long-distance migratory birds". *Science*, **2007**, 315, 598; author reply 598	33.3	17
4	Rapid advance of spring arrival dates in long-distance migratory birds. *Science*, **2006**, 312, 1959-61	33.3	318

3	Winter climate affects subsequent breeding success of common eiders. *Global Change Biology*, **2006**, 12, 1355-1365	11.4	81
2	Prey-switching and Diet of the Great Cormorant During the Breeding Season in the Gulf of Finland. *Waterbirds*, **2005**, 28, 511-515	0.5	21
1	Spring arrival of birds depends on the North Atlantic Oscillation. *Journal of Avian Biology*, **2004**, 35, 210-216	2.6	95