

# Toni Laaksonen

## List of Publications by Year in Descending Order

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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.

127  
papers

3,154  
citations

31  
h-index

50  
g-index

133  
ext. papers

3,591  
ext. citations

3.5  
avg, IF

5.17  
L-index

#	Paper	IF	Citations
127	Maternally-transferred thyroid hormones and life-history variation in birds.. <i>Journal of Animal Ecology</i> , <b>2022</b> ,	4.7	1
126	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	0
125	Population differences in the length and early-life dynamics of telomeres among European pied flycatchers. <i>Molecular Ecology</i> , <b>2021</b> ,	5.7	1
124	Major population splits coincide with episodes of rapid climate change in a forest-dependent bird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 288, 20211066	4.4	0
123	Interplays between pre- and post-natal environments affect early-life mortality, body mass and telomere dynamics in the wild. <i>Journal of Experimental Biology</i> , <b>2021</b> , 224,	3	2
122	The Indo-European flyway: Opportunities and constraints reflected by Common Rosefinches breeding across Europe. <i>Journal of Biogeography</i> , <b>2021</b> , 48, 1255-1266	4.1	5
121	Habitat choice of a secondary cavity user indicates higher avoidance of disturbed habitat during breeding than during food-hoarding. <i>Forest Ecology and Management</i> , <b>2021</b> , 483, 118925	3.9	1
120	Habitat use by post-fledging white-tailed eagles shows avoidance of human infrastructure and agricultural areas. <i>European Journal of Wildlife Research</i> , <b>2021</b> , 67, 1	2	0
119	Identifying the paths of climate effects on population dynamics: dynamic and multilevel structural equation model around the annual cycle. <i>Oecologia</i> , <b>2021</b> , 195, 525-538	2.9	1
118	Within-individual repeatability in telomere length: A meta-analysis in nonmammalian vertebrates. <i>Molecular Ecology</i> , <b>2021</b> ,	5.7	4
117	Birds of three worlds: moult migration to high Arctic expands a boreal-temperate flyway to a third biome. <i>Movement Ecology</i> , <b>2021</b> , 9, 47	4.6	1
116	Spatial and dietary sources of elevated mercury exposure in white-tailed eagle nestlings in an Arctic freshwater environment. <i>Environmental Pollution</i> , <b>2021</b> , 290, 117952	9.3	1
115	The difference between generalist and specialist: the effects of wide fluctuations in main food abundance on numbers and reproduction of two co-existing predators. <i>Journal of Avian Biology</i> , <b>2020</b> , 51,	1.9	5
114	The roles of temperature, nest predators and information parasites for geographical variation in egg covering behaviour of tits (Paridae). <i>Journal of Biogeography</i> , <b>2020</b> , 47, 1482-1493	4.1	7
113	Age and sex differences in numerical responses, dietary shifts, and total responses of a generalist predator to population dynamics of main prey. <i>Oecologia</i> , <b>2020</b> , 192, 699-711	2.9	8
112	Tree cavity abundance and beyond: Nesting and food storing sites of the pygmy owl in managed boreal forests. <i>Forest Ecology and Management</i> , <b>2020</b> , 460, 117818	3.9	11
111	White-tailed eagle ( <i>Haliaeetus albicilla</i> ) and great cormorant ( <i>Phalacrocorax carbo</i> ) nestlings as spatial sentinels of Baltic acidic sulphate soil associated metal contamination. <i>Science of the Total Environment</i> , <b>2020</b> , 718, 137424	10.2	2

110	Diet and breeding habitat preferences of White-tailed Eagles in a northern inland environment. <i>Polar Biology</i> , <b>2020</b> , 43, 2071-2084	2	3
109	Climate change and perishable food hoards of an avian predator: Is the freezer still working?. <i>Global Change Biology</i> , <b>2020</b> , 26, 5414-5430	11.4	2
108	Interaction of climate change with effects of conspecific and heterospecific density on reproduction. <i>Oikos</i> , <b>2020</b> , 129, 1807-1819	4	0
107	Elevated oxidative stress in pied flycatcher nestlings of eumelanic foster fathers under low rearing temperatures. <i>Journal of Experimental Biology</i> , <b>2019</b> , 222,	3	1
106	Begging calls provide social cues for prospecting conspecifics in the wild Zebra Finch ( <i>Taeniopygia guttata</i> ). <i>Auk</i> , <b>2019</b> , 136,	2.1	6
105	Impact of continuous predator threat on telomere dynamics in parent and nestling pied flycatchers. <i>Oecologia</i> , <b>2019</b> , 191, 757-766	2.9	11
104	Phenological sensitivity to climate change is higher in resident than in migrant bird populations among European cavity breeders. <i>Global Change Biology</i> , <b>2018</b> , 24, 3780-3790	11.4	40
103	Effects of interspecific coexistence on laying date and clutch size in two closely related species of hole-nesting birds. <i>Journal of Animal Ecology</i> , <b>2018</b> , 87, 1738-1748	4.7	6
102	Ecological crossovers of sexual signaling in a migratory bird. <i>Evolution; International Journal of Organic Evolution</i> , <b>2018</b> , 72, 2038-2048	3.8	4
101	Interspecific transfer of parasites following a range-shift in flycatchers. <i>Ecology and Evolution</i> , <b>2018</b> , 8, 12183-12192	2.8	9
100	Food hoarding of an avian predator: sex- and age-related differences under fluctuating food conditions. <i>Behavioral Ecology and Sociobiology</i> , <b>2018</b> , 72, 1	2.5	8
99	Assessing space use by pre-breeding white-tailed eagles in the context of wind-energy development in Finland. <i>Landscape and Urban Planning</i> , <b>2018</b> , 177, 251-258	7.7	3
98	Testosterone levels in relation to size and UV reflectance of achromatic plumage traits of female pied flycatchers. <i>Journal of Avian Biology</i> , <b>2017</b> , 48, 243-254	1.9	12
97	Effects of Insect Herbivory on Bilberry Production and Removal of Berries by Frugivores. <i>Journal of Chemical Ecology</i> , <b>2017</b> , 43, 422-432	2.7	2
96	Insect herbivory may cause changes in the visual properties of leaves and affect the camouflage of herbivores to avian predators. <i>Behavioral Ecology and Sociobiology</i> , <b>2017</b> , 71, 1	2.5	8
95	Nosy neighbours: large broods attract more visitors. A field experiment in the pied flycatcher, <i>Ficedula hypoleuca</i> . <i>Oecologia</i> , <b>2017</b> , 184, 115-126	2.9	10
94	Non-invasive genetic monitoring involving citizen science enables reconstruction of current pack dynamics in a re-establishing wolf population. <i>BMC Ecology</i> , <b>2017</b> , 17, 44	2.7	17
93	Landscape-Scale Gradients and Temporal Changes in the Prey Species of the White-Tailed Eagle ( <i>Haliaeetus albicilla</i> ). <i>Annales Zoologici Fennici</i> , <b>2016</b> , 53, 228-240	0.9	9

92	Maternal transfer of androgens in eggs is affected by food supplementation but not by predation risk. <i>Journal of Avian Biology</i> , <b>2016</b> , 47, 629-641	1.9	6
91	Sex-dependent responses to increased parental effort in the pied flycatcher. <i>Behavioral Ecology and Sociobiology</i> , <b>2016</b> , 70, 157-169	2.5	5
90	Intraguild predation and competition impacts on a subordinate predator. <i>Oecologia</i> , <b>2016</b> , 181, 257-69	2.9	17
89	Carry-over effects of conditions at the wintering grounds on breeding plumage signals in a migratory bird: roles of phenotypic plasticity and selection. <i>Journal of Evolutionary Biology</i> , <b>2016</b> , 29, 1569-84	2.3	9
88	Proximity to wind-power plants reduces the breeding success of the white-tailed eagle. <i>Animal Conservation</i> , <b>2016</b> , 19, 265-272	3.2	10
87	Barrier crossing in small avian migrants: individual tracking reveals prolonged nocturnal flights into the day as a common migratory strategy. <i>Scientific Reports</i> , <b>2016</b> , 6, 21560	4.9	63
86	Predator encounters have spatially extensive impacts on parental behaviour in a breeding bird community. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 283, 20160020	4.4	9
85	Post-fledging movements of white-tailed eagles: Conservation implications for wind-energy development. <i>Ambio</i> , <b>2016</b> , 45, 831-840	6.5	7
84	Interspecific variation in the relationship between clutch size, laying date and intensity of urbanization in four species of hole-nesting birds. <i>Ecology and Evolution</i> , <b>2016</b> , 6, 5907-20	2.8	34
83	Light-level geolocators reveal migratory connectivity in European populations of pied flycatchers <i>Ficedula hypoleuca</i> . <i>Journal of Avian Biology</i> , <b>2016</b> , 47, 69-83	1.9	65
82	The surrogacy potential of white-tailed sea eagle nesting habitat on islands of the Baltic Sea. <i>Ecological Indicators</i> , <b>2015</b> , 57, 215-218	5.8	4
81	Foster, but not genetic, father plumage coloration has a temperature-dependent effect on offspring quality. <i>Behavioral Ecology and Sociobiology</i> , <b>2015</b> , 69, 335-346	2.5	13
80	Voluntary nonmonetary conservation approaches on private land: a review of constraints, risks, and benefits for raptor nest protection. <i>Environmental Management</i> , <b>2015</b> , 55, 321-9	3.1	7
79	An experimental test of whether pied flycatchers choose the best territory for rearing the young. <i>Environmental Epigenetics</i> , <b>2015</b> , 61, 604-613	2.4	8
78	Do Pied Flycatchers Use Personal or Social Information for Replacement Clutch Decisions? A Field Experiment. <i>Ethology</i> , <b>2015</b> , 121, 686-693	1.7	1
77	Natural selection for earlier male arrival to breeding grounds through direct and indirect effects in a migratory songbird. <i>Ecology and Evolution</i> , <b>2015</b> , 5, 1205-13	2.8	16
76	Do Insectivorous Birds use Volatile Organic Compounds from Plants as Olfactory Foraging Cues? Three Experimental Tests. <i>Ethology</i> , <b>2015</b> , 121, 1131-1144	1.7	16
75	Nest Defence Behaviour and Testosterone Levels in Female Pied Flycatchers. <i>Ethology</i> , <b>2015</b> , 121, n/a-n/a7		3

74	Habitat Effects on the Breeding Performance of Three Forest-Dwelling Hawks. <i>PLoS ONE</i> , <b>2015</b> , 10, e0137877	3.7	11
73	Species and abundance of ectoparasitic flies (Diptera) in pied flycatcher nests in Fennoscandia. <i>Parasites and Vectors</i> , <b>2015</b> , 8, 648	4	9
72	Sympatric divergence and clinal variation in multiple coloration traits of Ficedula flycatchers. <i>Journal of Evolutionary Biology</i> , <b>2015</b> , 28, 779-90	2.3	19
71	Fecundity selection does not vary along a large geographical cline of trait means in a passerine bird. <i>Biological Journal of the Linnean Society</i> , <b>2015</b> , 114, 808-827	1.9	11
70	Clutch-size variation in Western Palaearctic secondary hole-nesting passerine birds in relation to nest box design. <i>Methods in Ecology and Evolution</i> , <b>2014</b> , 5, 353-362	7.7	32
69	Large-scale geographical variation in eggshell metal and calcium content in a passerine bird ( <i>Ficedula hypoleuca</i> ). <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 3304-17	5.1	22
68	Brood size manipulations in a spatially and temporally varying environment: male Tengmalm's owls pass increased reproductive costs to offspring. <i>Oecologia</i> , <b>2014</b> , 176, 423-30	2.9	7
67	Active hiding of social information from information-parasites. <i>BMC Evolutionary Biology</i> , <b>2014</b> , 14, 32	3	15
66	Heterospecific female mimicry in Ficedula flycatchers. <i>Journal of Evolutionary Biology</i> , <b>2014</b> , 27, 660-6	2.3	10
65	Variation in clutch size in relation to nest size in birds. <i>Ecology and Evolution</i> , <b>2014</b> , 4, 3583-95	2.8	38
64	A role for volatiles in intra- and inter-plant interactions in birch. <i>Journal of Chemical Ecology</i> , <b>2014</b> , 40, 1203-11	2.7	14
63	Fluctuating selection and immigration as determinants of the phenotypic composition of a population. <i>Oecologia</i> , <b>2013</b> , 173, 305-17	2.9	12
62	Temporal peaks in social information: prospectors investigate conspecific nests after a simulated predator visit. <i>Behavioral Ecology and Sociobiology</i> , <b>2013</b> , 67, 905-911	2.5	13
61	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
60	Forehead Patch Size Predicts the Outcome of Male-Male Competition in the Pied Flycatcher. <i>Ethology</i> , <b>2013</b> , 119, 662-670	1.7	13
59	Long-lasting effects of yolk androgens on phenotype in the pied flycatcher ( <i>Ficedula hypoleuca</i> ). <i>Behavioral Ecology and Sociobiology</i> , <b>2013</b> , 67, 361-372	2.5	19
58	Ineffective enforced legislation for nature conservation: A case study with Siberian flying squirrel and forestry in a boreal landscape. <i>Biological Conservation</i> , <b>2013</b> , 157, 237-244	6.2	23
57	Variation in eggshell traits between geographically distant populations of pied flycatchers <i>Ficedula hypoleuca</i> . <i>Journal of Avian Biology</i> , <b>2013</b> , 44, 111-120	1.9	16

56	Predation risk affects the levels of maternal immune factors in avian eggs. <i>Journal of Avian Biology</i> , <b>2013</b> , 44, no-no	1.9	8
55	Evaluation of artificial nests as a conservation tool for three forest-dwelling raptors. <i>Animal Conservation</i> , <b>2013</b> , 16, 546-555	3.2	13
54	Sex-specific effects of yolk androgens on begging behavior and digestion in pied flycatchers. <i>Journal of Avian Biology</i> , <b>2013</b> , 44, 331-338	1.9	6
53	Sex-specific offspring growth according to maternal testosterone, corticosterone, and glucose levels. <i>Behavioral Ecology</i> , <b>2013</b> , 24, 205-212	2.3	11
52	Returning white-tailed eagles breed as successfully in landscapes under intensive forestry regimes as in protected areas. <i>Animal Conservation</i> , <b>2013</b> , 16, 500-508	3.2	10
51	Long-term fitness consequences of high yolk androgen levels: sons pay the costs. <i>Functional Ecology</i> , <b>2012</b> , 26, 884-894	5.6	23
50	Climate change, breeding date and nestling diet: how temperature differentially affects seasonal changes in pied flycatcher diet depending on habitat variation. <i>Journal of Animal Ecology</i> , <b>2012</b> , 81, 926-936	4.7	86
49	Selection on laying date is connected to breeding density in the pied flycatcher. <i>Oecologia</i> , <b>2012</b> , 168, 703-10	2.9	15
48	Successful voluntary conservation of raptor nests under intensive forestry pressure in a boreal landscape. <i>Animal Conservation</i> , <b>2012</b> , 15, 571-578	3.2	18
47	Long-term effects of yolk androgens on phenotype and parental feeding behavior in a wild passerine. <i>Behavioral Ecology and Sociobiology</i> , <b>2012</b> , 66, 1201-1211	2.5	13
46	Prospecting at conspecific nests and exploration in a novel environment are associated with reproductive success in the jackdaw. <i>Behavioral Ecology and Sociobiology</i> , <b>2012</b> , 66, 1341-1350	2.5	29
45	Candidate genes for colour and vision exhibit signals of selection across the pied flycatcher ( <i>Ficedula hypoleuca</i> ) breeding range. <i>Heredity</i> , <b>2012</b> , 108, 431-40	3.6	31
44	The proteomics of feather development in pied flycatchers ( <i>Ficedula hypoleuca</i> ) with different plumage coloration. <i>Molecular Ecology</i> , <b>2012</b> , 21, 5762-77	5.7	11
43	Breeding time trends of the Crested Tit ( <i>Lophophanes cristatus</i> ) in southern Finland: comparison of data sources. <i>Journal of Ornithology</i> , <b>2012</b> , 153, 653-661	1.5	5
42	Home range size is determined by habitat composition but feeding rate by food availability in male Tengmalm's owls. <i>Animal Behaviour</i> , <b>2012</b> , 83, 1115-1123	2.8	39
41	Breeding dispersal of Eurasian kestrels <i>Falco tinnunculus</i> under temporally fluctuating food abundance. <i>Journal of Avian Biology</i> , <b>2011</b> , 42, 552-563	1.9	23
40	Geographical trends in the yolk carotenoid composition of the pied flycatcher ( <i>Ficedula hypoleuca</i> ). <i>Oecologia</i> , <b>2011</b> , 165, 277-87	2.9	13
39	Birds help plants: a meta-analysis of top-down trophic cascades caused by avian predators. <i>Oecologia</i> , <b>2011</b> , 165, 143-51	2.9	104

38	Yolk hormones and sexual conflict over parental investment in the pied flycatcher. <i>Behavioral Ecology and Sociobiology</i> , <b>2011</b> , 65, 257-264	2.5	19
37	Digit ratios have poor indicator value in a wild bird population. <i>Behavioral Ecology and Sociobiology</i> , <b>2011</b> , 65, 983-994	2.5	13
36	Number of eyespots and their intimidating effect on naïve predators in the peacock butterfly. <i>Behavioral Ecology</i> , <b>2011</b> , 22, 1326-1331	2.3	29
35	Geographical variation in egg mass and egg content in a passerine bird. <i>PLoS ONE</i> , <b>2011</b> , 6, e25360	3.7	25
34	Melanin coloration has temperature-dependent effects on breeding performance that may maintain phenotypic variation in a passerine bird. <i>Journal of Evolutionary Biology</i> , <b>2010</b> , 23, 2385-96	2.3	46
33	Passerine extrapair mating dynamics: a bayesian modeling approach comparing four species. <i>American Naturalist</i> , <b>2010</b> , 176, 178-87	3.7	24
32	Maternal corticosterone but not testosterone level is associated with the ratio of second-to-fourth digit length (2D:4D) in field vole offspring ( <i>Microtus agrestis</i> ). <i>Physiology and Behavior</i> , <b>2010</b> , 99, 433-7	3.5	24
31	Yolk hormones have sex-specific long-term effects on behavior in the pied flycatcher ( <i>Ficedula hypoleuca</i> ). <i>Hormones and Behavior</i> , <b>2010</b> , 57, 119-27	3.7	74
30	Responses of Owls and Eurasian Kestrels to Spatio-Temporal Variation of Their Main Prey. <i>Ardea</i> , <b>2009</b> , 97, 646-647	0.9	4
29	Different traits affect gain of extrapair paternity and loss of paternity in the pied flycatcher, <i>Ficedula hypoleuca</i> . <i>Animal Behaviour</i> , <b>2009</b> , 77, 1103-1110	2.8	53
28	Distinguishing between male and territory quality: females choose multiple traits in the pied flycatcher. <i>Animal Behaviour</i> , <b>2009</b> , 78, 1051-1060	2.8	61
27	Latitudinal gradient in 2D:4D. <i>Archives of Sexual Behavior</i> , <b>2009</b> , 38, 1-3	3.5	10
26	Digit length ratio (2D/4D): comparing measurements from X-rays and photographs in field voles ( <i>Microtus agrestis</i> ). <i>Behavioral Ecology and Sociobiology</i> , <b>2009</b> , 63, 1539-1547	2.5	12
25	Great tits lay increasingly smaller clutches than selected for: a study of climate- and density-related changes in reproductive traits. <i>Journal of Animal Ecology</i> , <b>2009</b> , 78, 1298-306	4.7	25
24	Geographic patterns of genetic differentiation and plumage colour variation are different in the pied flycatcher ( <i>Ficedula hypoleuca</i> ). <i>Molecular Ecology</i> , <b>2009</b> , 18, 4463-76	5.7	84
23	Population fragmentation leads to isolation by distance but not genetic impoverishment in the philopatric Lesser Kestrel: a comparison with the widespread and sympatric Eurasian Kestrel. <i>Heredity</i> , <b>2009</b> , 102, 190-8	3.6	38
22	The effects of experimentally manipulated yolk androgens on growth and immune function of male and female nestling collared flycatchers <i>Ficedula albicollis</i> . <i>Journal of Avian Biology</i> , <b>2009</b> , 40, 225-230	1.9	40
21	Yolk androgens do not appear to mediate sexual conflict over parental investment in the collared flycatcher <i>Ficedula albicollis</i> . <i>Hormones and Behavior</i> , <b>2009</b> , 55, 514-9	3.7	30



20	Female field voles with high testosterone and glucose levels produce male-biased litters. <i>Animal Behaviour</i> , <b>2008</b> , 75, 1031-1039	2.8	56
19	From plants to birds: higher avian predation rates in trees responding to insect herbivory. <i>PLoS ONE</i> , <b>2008</b> , 3, e2832	3.7	106
18	The effects of sex, age and breeding success on breeding dispersal of pied flycatchers along a pollution gradient. <i>Oecologia</i> , <b>2008</b> , 157, 231-8	2.9	14
17	Survival of male Tengmalm's owls increases with cover of old forest in their territory. <i>Oecologia</i> , <b>2008</b> , 155, 479-86	2.9	22
16	Effects of experimental brood size manipulation and gender on carotenoid levels of Eurasian kestrels <i>Falco tinnunculus</i> . <i>PLoS ONE</i> , <b>2008</b> , 3, e2374	3.7	25
15	Climate change can alter competitive relationships between resident and migratory birds. <i>Journal of Animal Ecology</i> , <b>2007</b> , 76, 1045-52	4.7	91
14	A melanin-based trait reflects environmental growth conditions of nestling male Eurasian kestrels. <i>Evolutionary Ecology</i> , <b>2007</b> , 21, 157-171	1.8	87
13	Low light reflectance may explain the attraction of birds to defoliated trees. <i>Behavioral Ecology</i> , <b>2007</b> , 19, 325-330	2.3	28
12	Variation in the diet composition of a generalist predator, the red fox, in relation to season and density of main prey. <i>Acta Oecologica</i> , <b>2007</b> , 31, 276-281	1.7	99
11	Climate change, migratory connectivity and changes in laying date and clutch size of the pied flycatcher. <i>Oikos</i> , <b>2006</b> , 114, 277-290	4	65
10	Environmental pollution has sex-dependent effects on local survival. <i>Biology Letters</i> , <b>2006</b> , 2, 298-300	3.6	17
9	Climatic responses in spring migration of boreal and arctic birds in relation to wintering area and taxonomy. <i>Journal of Avian Biology</i> , <b>2006</b> , 37, 507-515	1.9	53
8	A new efficient bait-trap model for Lepidoptera surveys [the Dulu model]. <i>Entomologica Fennica</i> , <b>2006</b> , 17, 153-160	1	8
7	Lifetime reproduction of a forest-dwelling owl increases with age and area of forests. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2004</b> , 271 Suppl 6, S461-4	4.4	24
6	Variation in climate warming along the migration route uncouples arrival and breeding dates. <i>Global Change Biology</i> , <b>2004</b> , 10, 1610-1617	11.4	164
5	Year- and sex-dependent effects of experimental brood sex ratio manipulation on fledging condition of Eurasian kestrels. <i>Journal of Animal Ecology</i> , <b>2004</b> , 73, 342-352	4.7	76
4	Hatching asynchrony as a bet-hedging strategy in offspring diversity hypothesis. <i>Oikos</i> , <b>2004</b> , 104, 616-620	4	45
3	Sex-Specific Recruitment and Brood Sex Ratios of Eurasian Kestrels in a Seasonally and Annually Fluctuating Northern Environment. <i>Evolutionary Ecology</i> , <b>2004</b> , 18, 215-230	1.8	35



2	Interactive effects of parental age and environmental variation on the breeding performance of Tengmalm's owls. <i>Journal of Animal Ecology</i> , <b>2002</b> , 71, 23-31	4-7	93
1	Inter-sexual differences in the immune response of Eurasian kestrel nestlings under food shortage. <i>Ecology Letters</i> , <b>2002</b> , 5, 95-101	10	138