Kasper Thorup

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2547759/publications.pdf

Version: 2024-02-01

101 papers	4,620 citations	126907 33 h-index	110387 64 g-index
103 all docs	103 docs citations	103 times ranked	3884 citing authors

#	Article	IF	Citations
1	Technology on the Move: Recent and Forthcoming Innovations for Tracking Migratory Birds. BioScience, 2011, 61, 689-698.	4.9	395
2	Going wild: what a global small-animal tracking system could do for experimental biologists. Journal of Experimental Biology, 2007, 210, 181-186.	1.7	257
3	Evidence for a navigational map stretching across the continental U.S. in a migratory songbird. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 18115-18119.	7.1	202
4	Resource tracking within and across continents in long-distance bird migrants. Science Advances, 2017, 3, e1601360.	10.3	199
5	The annual cycle of a trans-equatorial Eurasianâ€“African passerine migrant: different spatio-temporal strategies for autumn and spring migration. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 1008-1016.	2.6	198
6	Integrating concepts and technologies to advance the study of bird migration. Frontiers in Ecology and the Environment, 2010, 8, 354-361.	4.0	158
7	Bird orientation: compensation for wind drift in migrating raptors is age dependent. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, S8-11.	2.6	153
8	Drought in Africa Caused Delayed Arrival of European Songbirds. Science, 2012, 338, 1307-1307.	12.6	144
9	Population decline is linked to migration route in the Common Cuckoo. Nature Communications, 2016, 7, 12296.	12.8	144
10	Bat orientation using Earth's magnetic field. Nature, 2006, 444, 702-702.	27.8	130
11	Avian migrants adjust migration in response to environmental conditions en route. Biology Letters, 2008, 4, 685-688.	2.3	126
12	Testing the role of sensory systems in the migratory heading of a songbird. Journal of Experimental Biology, 2009, 212, 4065-4071.	1.7	104
13	Local Temperature Fine-Tunes the Timing of Spring Migration in Birds. Integrative and Comparative Biology, 2010, 50, 293-304.	2.0	94
14	Activity and migratory flights of individual freeâ€flying songbirds throughout the annual cycle: method and first case study. Journal of Avian Biology, 2017, 48, 309-319.	1.2	86
15	Narrow-Front Loop Migration in a Population of the Common Cuckoo Cuculus canorus, as Revealed by Satellite Telemetry. PLoS ONE, 2014, 9, e83515.	2.5	85
16	Patterns of phenological changes in migratory birds. Oecologia, 2007, 151, 697-703.	2.0	78
17	Ecological insights from three decades of animal movement tracking across a changing Arctic. Science, 2020, 370, 712-715.	12.6	75
18	Complex Timing of Marsh HarrierCircus aeruginosusMigration Due to Pre- and Post-Migratory Movements. Ardea, 2008, 96, 159-171.	0.6	73

#	Article	IF	Citations
19	Patterns of change in timing of spring migration in North European songbird populations. Journal of Avian Biology, 2006, 37, 84-92.	1.2	67
20	The orientation system and migration pattern of long-distance migrants: conflict between model predictions and observed patterns. Journal of Avian Biology, 2001, 32, 111-119.	1.2	65
21	Migration of the Common Redstart (Phoenicurus phoenicurus). Auk, 2013, 130, 258-264.	1.4	63
22	True navigation in migrating gulls requires intact olfactory nerves. Scientific Reports, 2015, 5, 17061.	3.3	59
23	Traveling or stopping of migrating birds in relation to wind: an illustration for the osprey. Behavioral Ecology, 2006, 17, 497-502.	2.2	57
24	Improving the analysis of movement data from marked individuals through explicit estimation of observer heterogeneity. Journal of Avian Biology, 2010, 41, 8-17.	1.2	56
25	Tracking Animal Dispersal: From Individual Movement to Community Assembly and Global Range Dynamics. Trends in Ecology and Evolution, 2016, 31, 204-214.	8.7	54
26	Sex-differentiated migration patterns, protandry and phenology in North European songbird populations. Journal of Ornithology, 2008, 149, 161-167.	1.1	53
27	Largeâ€scale spatial analysis of ringing and reâ€encounter data to infer movement patterns: A review including methodological perspectives. Methods in Ecology and Evolution, 2014, 5, 1337-1350.	5.2	52
28	Continentâ€scale global change attribution in European birds â€combining annual and decadal time scales. Global Change Biology, 2016, 22, 530-543.	9.5	51
29	Biological Earth observation with animal sensors. Trends in Ecology and Evolution, 2022, 37, 293-298.	8.7	49
30	Patterns of change in timing of spring migration in North European songbird populations. Journal of Avian Biology, 2006, 37, 84-92.	1.2	45
31	White-Tailed Eagle (Haliaeetus albicilla) Body Feathers Document Spatiotemporal Trends of Perfluoroalkyl Substances in the Northern Environment. Environmental Science & Technology, 2019, 53, 12744-12753.	10.0	45
32	The bird GPS â€“ long-range navigation in migrants. Journal of Experimental Biology, 2009, 212, 3597-3604.	1.7	41
33	Juvenile Songbirds Compensate for Displacement to Oceanic Islands during Autumn Migration. PLoS ONE, 2011, 6, e17903.	2.5	39
34	Extreme altitudes during diurnal flights in a nocturnal songbird migrant. Science, 2021, 372, 646-648.	12.6	38
35	First-Time Migration in Juvenile Common Cuckoos Documented by Satellite Tracking. PLoS ONE, 2016, 11, e0168940.	2.5	38
36	Breeding season food limitation drives population decline of the Little Owl Athene noctua in Denmark. Ibis, 2010, 152, 803-814.	1.9	35

#	Article	IF	Citations
37	No apparent gain from continuing migration for more than 3000Âkilometres: willow warblers breeding in Denmark winter across the entire northern Savannah as revealed by geolocators. Movement Ecology, 2017, 5, 17.	2.8	34
38	Reverse migration as a cause of vagrancy. Bird Study, 2004, 51, 228-238.	1.0	32
39	Flexible navigation response in common cuckoos Cuculus canorus displaced experimentally during migration. Scientific Reports, 2015, 5, 16402.	3.3	32
40	Early returning longâ€distance migrant males do pay a survival cost. Ecology and Evolution, 2018, 8, 11434-11449.	1.9	31
41	Spatioâ€temporal distribution of migrating raptors: a comparison of ringing and satellite tracking. Journal of Avian Biology, 2009, 40, 500-510.	1.2	30
42	Migration of redâ€backed shrikes from the Iberian Peninsula: optimal or subâ€optimal detour?. Journal of Avian Biology, 2017, 48, 149-154.	1.2	30
43	Annual spatiotemporal migration schedules in three larger insectivorous birds: European nightjar, common swift and common cuckoo. Animal Biotelemetry, 2017, 5, .	1.9	30
44	Desert crossing strategies of migrant songbirds vary between and within species. Scientific Reports, 2019, 9, 20248.	3.3	29
45	Full-year tracking suggests endogenous control of migration timing in a long-distance migratory songbird. Behavioral Ecology and Sociobiology, 2018, 72, 1.	1.4	28
46	A temporally explicit species distribution model for a long distance avian migrant, the common cuckoo. Journal of Avian Biology, 2017, 48, 1624-1636.	1.2	27
47	Can vector summation describe the orientation system of juvenile ospreys and honey buzzards? - An analysis of ring recoveries and satellite tracking. Oikos, 2003, 103, 350-359.	2.7	26
48	A bird distribution model for ring recovery data: where do the <scp>E</scp>uropean robins go?. Ecology and Evolution, 2014, 4, 720-731.	1.9	26
49	Barometer logging reveals new dimensions of individual songbird migration. Journal of Avian Biology, 2018, 49, e01821.	1.2	26
50	Flying on their own wings: young and adult cuckoos respond similarly to long-distance displacement during migration. Scientific Reports, 2020, 10, 7698.	3.3	26
51	Temporal trends of legacy organochlorines in different white-tailed eagle (Haliaeetus albicilla) subpopulations: A retrospective investigation using archived feathers. Environment International, 2020, 138, 105618.	10.0	26
52	Vagrancy of Yellowâ€browed WarblerPhylloscopus inornatusand Pallas's WarblerPh. proregulusin northâ€west Europe: Misorientation on great circles?. Ringing and Migration, 1998, 19, 7-12.	0.4	25
53	Compensatory behaviour after displacement in migratory birds. Behavioral Ecology and Sociobiology, 2007, 61, 825-841.	1.4	25
54	Response of an Afro-Palearctic bird migrant to glaciation cycles. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	25

#	Article	IF	Citations
55	Flexibility of Continental Navigation and Migration in European Mallards. PLoS ONE, 2013, 8, e72629.	2.5	24
56	Screening for multiple tick-borne pathogens in Ixodes ricinus ticks from birds in Denmark during spring and autumn migration seasons. Ticks and Tick-borne Diseases, 2019, 10, 546-552.	2.7	24
57	Spatial behaviour of little owls (Athene noctua) in a declining low-density population in Denmark. Journal of Ornithology, 2009, 150, 537-548.	1.1	22
58	Weather Conditions Drive Dynamic Habitat Selection in a Generalist Predator. PLoS ONE, 2014, 9, e88221.	2.5	21
59	Understanding the Migratory Orientation Program of Birds: Extending Laboratory Studies to Study Free-Flying Migrants in a Natural Setting. Integrative and Comparative Biology, 2010, 50, 315-322.	2.0	20
60	Quantifying the movement patterns of birds from ring recoveries. Ringing and Migration, 2009, 24, 180-188.	0.4	19
61	Intraâ€African movements of the African cuckoo Cuculus gularis as revealed by satellite telemetry. Journal of Avian Biology, 2018, 49, .	1.2	19
62	Using geolocator tracking data and ringing archives to validate citizen-science based seasonal predictions of bird distribution in a data-poor region. Global Ecology and Conservation, 2020, 24, e01215.	2.1	19
63	Full annual cycle tracking of a small songbird, the Siberian Rubythroat Calliope calliope, along the East Asian flyway. Journal of Ornithology, 2018, 159, 893-899.	1.1	17
64	Temporal trends of mercury differ across three northern white-tailed eagle (Haliaeetus albicilla) subpopulations. Science of the Total Environment, 2019, 687, 77-86.	8.0	17
65	Estimation of bird distribution based on ring reâ€encounters: precision and bias of the division coefficient and its relation to multiâ€state models. Bird Study, 2010, 57, 56-68.	1.0	16
66	Common Cuckoo home ranges are larger in the breeding season than in the non-breeding season and in regions of sparse forest cover. Journal of Ornithology, 2016, 157, 461-469.	1.1	16
67	Surveillance for Avian Influenza Viruses in Wild Birds in Denmark and Greenland, 2007â€“10. Avian Diseases, 2012, 56, 992-998.	1.0	15
68	Do migratory flight paths of raptors follow constant geographical or geomagnetic courses?. Animal Behaviour, 2006, 72, 875-880.	1.9	14
69	Flexibility of habitat use in novel environments: insights from a translocation experiment with lesser black-backed gulls. Royal Society Open Science, 2017, 4, 160164.	2.4	14
70	Does the migration programme constrain dispersal and range sizes of migratory birds?. Journal of Biogeography, 2006, 33, 1166-1171.	3.0	13
71	Estimating the Seasonal Distribution of Migrant Bird Species: Can Standard Ringing Data Be Used?. , 2009, , 1107-1117.		13
72	From Svalbard to Siberia: Passerines breeding in the High Arctic also endure the extreme cold of the Western Steppe. PLoS ONE, 2018, 13, e0202114.	2.5	13

#	Article	IF	Citations
73	Covariation in population trends and demography reveals targets for conservation action. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20202955.	2.6	13
74	Molecular Characterization of Highly Pathogenic Avian Influenza Viruses H5N6 Detected in Denmark in 2018â€“2019. Viruses, 2021, 13, 1052.	3.3	12
75	Orientation of vagrant birds on the Faroe Islands in the Atlantic Ocean. Journal of Ornithology, 2012, 153, 1261-1265.	1.1	11
76	Seasonal survival rates and causes of mortality of Little Owls in Denmark. Journal of Ornithology, 2013, 154, 183-190.	1.1	11
77	Spatial behaviour and density of three species of long-distance migrants wintering in a disturbed and non-disturbed woodland in northern Ghana. Bird Conservation International, 2018, 28, 59-72.	1.3	11
78	Haematology, blood biochemistry, parasites and pathology of common eider (Somateria mollisima) males during a mortality event in the Baltic. Science of the Total Environment, 2019, 683, 559-567.	8.0	11
79	Estimating variation among individuals in migration direction. Journal of Avian Biology, 2007, 38, 182-189.	1.2	11
80	Following year-round movements in Barn Swallows using geolocators: could breeding pairs remain together during the winter?. Bird Study, 2015, 62, 141-145.	1.0	9
81	Satellite tracking of red-listed nominate lesser black-backed gulls (Larus f. fuscus): Habitat specialisation in foraging movements raises novel conservation needs. Global Ecology and Conservation, 2017, 10, 220-230.	2.1	9
82	Sex-specific difference in migration schedule as a precursor of protandry in a long-distance migratory bird. Die Naturwissenschaften, 2019, 106, 45.	1.6	9
83	DO NEARCTIC NORTHERN WHEATEARS (OENANTHE OENANTHE LEUCORHOA) MIGRATE NONSTOP TO AFRICA?. Condor, 2006, 108, 446.	1.6	8
84	Autumn migration and wintering site of a wood warbler Phylloscopus sibilatrix breeding in Denmark identified using geolocation. Animal Biotelemetry, 2018, 6, .	1.9	8
85	Annual GPS tracking reveals unexpected wintering area in a long-distance migratory songbird. Journal of Ornithology, 2019, 160, 265-270.	1.1	8
86	Remarkably similar migration patterns between different redâ€backed shrike populations suggest that migration rather than breeding area phenology determines the annual cycle. Journal of Avian Biology, 2020, 51, .	1.2	8
87	Timing of songbird migration: individual consistency within and between seasons. Journal of Avian Biology, 2013, 44, 486-494.	1.2	6
88	Winter site use by Afro-Palearctic migrants in Ghana: site persistence and densities of Willow Warbler, Pied Flycatcher, Melodious Warbler and Common Redstart. Ostrich, 2019, 90, 173-177.	1.1	5
89	Spatial behavior and habitat use in widely separated breeding and wintering distributions across three species of longâ€distance migrant Phylloscopus warblers. Ecology and Evolution, 2019, 9, 6492-6500.	1.9	5
90	Contrasting use of space by two migratory Afro-Palearctic warblers on their African non-breeding grounds. Journal of Ornithology, 2021, 162, 813-821.	1.1	5

#	Article	IF	Citations
91	Estimating variation among individuals in migration direction. Journal of Avian Biology, 2007, 38, 182-189.	1.2	4
92	Variation in Working Effort in Danish Little OwlsAthene noctua. Ardea, 2009, 97, 547-554.	0.6	4
93	Demographic variation in space and time: implications for conservation targeting. Royal Society Open Science, 2022, 9, 211671.	2.4	4
94	Migration Strategies of Iberian Breeding White-Rumped Swifts Apus caffer, Rufous-Tailed Scrub-Robins Cercotrichas galactotes and Bluethroats Cyanecula svecica. Ardeola, 2019, 66, 51.	0.7	3
95	Orientation of nightâ€migrating passerines kept and tested in an inverted magnetic field. Italian Journal of Zoology, 2002, 69, 313-320.	0.6	2
96	Spatial behaviour and food choice of the Garden WarblerSylvia borinduring the non-breeding season. Ostrich, 2017, 88, 19-25.	1.1	2
97	Experience and survival in migratory European Robins Erithacus rubecula and Song Thrushes Turdus philomelos negotiating the Baltic Sea. Bird Study, 2019, 66, 83-91.	1.0	2
98	Multiple fragmented habitat-patch use in an urban breeding passerine, the Short-toed Treecreeper. PLoS ONE, 2020, 15, e0227731.	2.5	2
99	Modeling Complex Seasonal Avian Migration: Predictions From the Thermal Environment and Resource Availability. Frontiers in Ecology and Evolution, 0, 10, .	2.2	2
100	Migratory direction established in inexperienced bird migrants in the absence of magnetic field references in their pre-migratory period and during testing. Ethology Ecology and Evolution, 2006, 18, 43-51.	1.4	0
101	Second observation of Common Crane Grus grus in Senegal. Bulletin of the African Bird Club, 2013, 20, 78-79.	0.1	0