Jacob Nabe-Nielsen

List of Publications by Year
in descending order

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66 papers	3,602 citations	201674 27 h-index	138484 58 g-index
68 all docs	68 docs citations	68 times ranked	6327 citing authors

#	Article	IF	Citations
1	Energyâ€mediated responses to changing prey size and distribution in marine top predator movements and population dynamics. Journal of Animal Ecology, 2022, 91, 241-254.	2.8	11
2	Element concentrations, histology and serum biochemistry of arctic char (Salvelinus alpinus) and shorthorn sculpins (Myoxocephalus scorpius) in northwest Greenland. Environmental Research, 2022, 208, 112742.	7.5	1
3	A risk assessment review of mercury exposure in Arctic marine and terrestrial mammals. Science of the Total Environment, 2022, 829, 154445.	8.0	29
4	High resolution species distribution and abundance models cannot predict separate shrub datasets in adjacent Arctic fjords. Diversity and Distributions, 2022, 28, 956-975.	4.1	0
5	Movement and Seasonal Energetics Mediate Vulnerability to Disturbance in Marine Mammal Populations. American Naturalist, 2021, 197, 296-311.	2.1	22
6	Keeping modelling notebooks with TRACE: Good for you and good for environmental research and management support. Environmental Modelling and Software, 2021, 136, 104932.	4.5	19
7	AgentSeal: Agent-based model describing movement of marine central-place foragers. Ecological Modelling, 2021, 440, 109397.	2.5	9
8	Annual air temperature variability and biotic interactions explain tundra shrub species abundance. Journal of Vegetation Science, 2021, 32, e13009.	2.2	11
9	Impacts of soil disturbance on plant diversity in a dry grassland. Plant Ecology, 2021, 222, 1051-1063.	1.6	5
10	Energetics as common currency for integrating high resolution activity patterns into dynamic energy budget-individual based models. Ecological Modelling, 2020, 434, 109250.	2.5	15
11	Canopy structure and forest understory conditions in a wet Amazonian forestâ€"No change over the last 20 years. Biotropica, 2020, 52, 1121-1126.	1.6	3
12	Combining the strengths of agent-based modelling and network statistics to understand animal movement and interactions with resources: example from within-patch foraging decisions of bumblebees. Ecological Modelling, 2020, 430, 109119.	2.5	3
13	Global plant trait relationships extend to the climatic extremes of the tundra biome. Nature Communications, 2020, 11, 1351.	12.8	52
14	The ODD Protocol for Describing Agent-Based and Other Simulation Models: A Second Update to Improve Clarity, Replication, and Structural Realism. Jasss, 2020, 23, .	1.8	349
15	Influence of environmental variability on harbour porpoise movement. Marine Ecology - Progress Series, 2020, 648, 207-219.	1.9	15
16	Classifying grey seal behaviour in relation to environmental variability and commercial fishing activity - a multivariate hidden Markov model. Scientific Reports, 2019, 9, 5642.	3.3	36
17	Traditional plant functional groups explain variation in economic but not sizeâ€related traits across the tundra biome. Global Ecology and Biogeography, 2019, 28, 78-95.	5.8	49
18	Fine-scale movement responses of free-ranging harbour porpoises to capture, tagging and short-term noise pulses from a single airgun. Royal Society Open Science, 2018, 5, 170110.	2.4	27

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19	Environmental drivers of harbour porpoise fine-scale movements. Marine Biology, 2018, 165, 95.	1.5	21
20	Modelling movements of Saimaa ringed seals using an individual-based approach. Ecological Modelling, 2018, 368, 321-335.	2.5	9
21	Tundra Trait Team: A database of plant traits spanning the tundra biome. Global Ecology and Biogeography, 2018, 27, 1402-1411.	5.8	57
22	Plant functional trait change across a warming tundra biome. Nature, 2018, 562, 57-62.	27.8	451
23	Predicting the impacts of anthropogenic disturbances on marine populations. Conservation Letters, 2018, 11, e12563.	5.7	79
24	Disturbance of harbour porpoises during construction of the first seven offshore wind farms in Germany. Marine Ecology - Progress Series, 2018, 596, 213-232.	1.9	48
25	Predicting the populationâ€level impact of mitigating harbor porpoise bycatch with pingers and timeâ€area fishing closures. Ecosphere, 2017, 8, e01785.	2.2	30
26	Multi-scale Modeling of Animal Movement and General Behavior Data Using Hidden Markov Models with Hierarchical Structures. Journal of Agricultural, Biological, and Environmental Statistics, 2017, 22, 232-248.	1.4	43
27	Plant community composition and species richness in the High Arctic tundra: From the present to the future. Ecology and Evolution, 2017, 7, 10233-10242.	1.9	37
28	Bubble curtains attenuate noise from offshore wind farm construction and reduce temporary habitat loss for harbour porpoises. Marine Ecology - Progress Series, 2017, 580, 221-237.	1.9	55
29	Arctic Resilience: No Evidence of Vegetation Change in Response to Grazing and Climate Changes in South Greenland. Arctic, Antarctic, and Alpine Research, 2016, 48, 531-549.	1.1	8
30	Is it worthwhile scaring geese to alleviate damage to crops? â€“ An experimental study. Journal of Applied Ecology, 2016, 53, 916-924.	4.0	27
31	The regional species richness and genetic diversity of <scp>A</scp>rctic vegetation reflect both past glaciations and current climate. Global Ecology and Biogeography, 2016, 25, 430-442.	5.8	44
32	Allee effect in polar bears: a potential consequence of polychlorinated biphenyl contamination. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161883.	2.6	11
33	Ungulate movement in an extreme seasonal environment: yearâ€round movement patterns of highâ€arctic muskoxen. Wildlife Biology, 2016, 22, 253-267.	1.4	43
34	The demography of a dominant Amazon liana species exhibits little environmental sensitivity. Journal of Tropical Ecology, 2016, 32, 79-82.	1.1	3
35	Foraging behaviour and fuel accumulation of capital breeders during spring migration as derived from a combination of satelliteâ€and groundâ€based observations. Journal of Avian Biology, 2016, 47, 563-574.	1.2	12
36	Communicating complex ecological models to non-scientist end users. Ecological Modelling, 2016, 338, 51-59.	2.5	52

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37	Seasonal habitatâ€based density models for a marine top predator, the harbor porpoise, in a dynamic environment. Ecosphere, 2016, 7, e01367.	2.2	72
38	Short-term spatial variation in the demography of a common Neotropical liana is shaped by tree community structure and light availability. Plant Ecology, 2016, 217, 1273-1290.	1.6	5
39	Spatiotemporal variation in home range size of female polar bears and correlations with individual contaminant load. Polar Biology, 2016, 39, 1479-1489.	1.2	11
40	Discriminating between possible foraging decisions using pattern-oriented modelling: The case of pink-footed geese in Mid-Norway during their spring migration. Ecological Modelling, 2016, 320, 299-315.	2.5	12
41	Modeling Population-Level Consequences of Polychlorinated Biphenyl Exposure in East Greenland Polar Bears. Archives of Environmental Contamination and Toxicology, 2016, 70, 143-154.	4.1	14
42	Using habitat selection theories to predict the spatiotemporal distribution of migratory birds during stopover â€“ a case study of pinkâ€footed geese Anser brachyrhynchus. Oikos, 2015, 124, 851-860.	2.7	43
43	Defining management units for cetaceans by combining genetics, morphology, acoustics and satellite tracking. Global Ecology and Conservation, 2015, 3, 839-850.	2.1	52
44	Characteristics and Propagation of Airgun Pulses in Shallow Water with Implications for Effects on Small Marine Mammals. PLoS ONE, 2015, 10, e0133436.	2.5	24
45	Effects of noise and by-catch on a Danish harbour porpoise population. Ecological Modelling, 2014, 272, 242-251.	2.5	68
46	Forage patch use by grazing herbivores in a South African grazing ecosystem. Acta Theriologica, 2014, 59, 457-466.	1.1	13
47	Field Metabolic Rate and PCB Adipose Tissue Deposition Efficiency in East Greenland Polar Bears Derived from Contaminant Monitoring Data. PLoS ONE, 2014, 9, e104037.	2.5	9
48	How a simple adaptive foraging strategy can lead to emergent home ranges and increased food intake. Oikos, 2013, 122, 1307-1316.	2.7	44
49	Diurnal variation in the behaviour of the Pink-footed Goose (Anser brachyrhynchus) during the spring stopover in TrÃ¸ndelag, Norway. Journal of Ornithology, 2013, 154, 645-654.	1.1	9
50	Representing the acquisition and use of energy by individuals in agentâ€based models of animal populations. Methods in Ecology and Evolution, 2013, 4, 151-161.	5.2	126
51	Possible Causes of a Harbour Porpoise Mass Stranding in Danish Waters in 2005. PLoS ONE, 2013, 8, e55553.	2.5	29
52	Averting biodiversity collapse in tropical forest protected areas. Nature, 2012, 489, 290-294.	27.8	909
53	Spatial interactions between marine predators and their prey: herring abundance as a driver for the distributions of mackerel and harbour porpoise. Marine Ecology - Progress Series, 2012, 468, 245-253.	1.9	42
54	The Effects of Landscape Modifications on the Long-Term Persistence of Animal Populations. PLoS ONE, 2010, 5, e8932.	2.5	33

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55	The effects of spatial and temporal heterogeneity on the population dynamics of four animal species in a Danish landscape. BMC Ecology, 2009, 9, 18.	3.0	9
56	Effects of liana load, tree diameter and distances between conspecifics on seed production in tropical timber trees. Forest Ecology and Management, 2009, 257, 987-993.	3.2	30
57	Zackenberg in a Circumpolar Context. Advances in Ecological Research, 2008, , 499-544.	2.7	9
58	Timber tree regeneration along abandoned logging roads in a tropical Bolivian forest. New Forests, 2007, 34, 31-40.	1.7	22
59	Regeneration in Terminalia oblonga (Combretaceae)â€"A common timber tree from a humid tropical forest (La Chonta, Bolivia). Forest Ecology and Management, 2006, 225, 306-312.	3.2	12
60	On censusing lianas: a review of common methodologies.. , 2005, , 41-57.		4
61	Demography of Machaerium cuspidatum, a shade-tolerant neotropical liana. Journal of Tropical Ecology, 2004, 20, 505-516.	1.1	16
62	Growth and Mortality Rates of the Liana Machaerium cuspidatum in Relation to Light and Topographic Position1. Biotropica, 2002, 34, 319.	1.6	3
63	Growth and Mortality Rates of the Liana Machaerium cuspidatum in Relation to Light and Topographic Position1. Biotropica, 2002, 34, 319-322.	1.6	21
64	Title is missing!. Plant Ecology, 2002, 162, 215-226.	1.6	24
65	Diversity and distribution of lianas in a neotropical rain forest, YasunÃ-National Park, Ecuador. Journal of Tropical Ecology, 2001, 17, 1-19.	1.1	153
66	An improved method for the rapid assessment of forest understorey light environments. Journal of Applied Ecology, 2000, 37, 1044-1053.	4.0	98