

# Jacob Nabe-Nielsen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2738085/publications.pdf>

Version: 2024-02-01

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	Averting biodiversity collapse in tropical forest protected areas. <i>Nature</i> , 2012, 489, 290-294.	27.8	909
2	Plant functional trait change across a warming tundra biome. <i>Nature</i> , 2018, 562, 57-62.	27.8	451
3	The ODD Protocol for Describing Agent-Based and Other Simulation Models: A Second Update to Improve Clarity, Replication, and Structural Realism. <i>Jasss</i> , 2020, 23, .	1.8	349
4	Diversity and distribution of lianas in a neotropical rain forest, YasunÃ-National Park, Ecuador. <i>Journal of Tropical Ecology</i> , 2001, 17, 1-19.	1.1	153
5	Representing the acquisition and use of energy by individuals in agent-based models of animal populations. <i>Methods in Ecology and Evolution</i> , 2013, 4, 151-161.	5.2	126
6	An improved method for the rapid assessment of forest understorey light environments. <i>Journal of Applied Ecology</i> , 2000, 37, 1044-1053.	4.0	98
7	Predicting the impacts of anthropogenic disturbances on marine populations. <i>Conservation Letters</i> , 2018, 11, e12563.	5.7	79
8	Seasonal habitat-based density models for a marine top predator, the harbor porpoise, in a dynamic environment. <i>Ecosphere</i> , 2016, 7, e01367.	2.2	72
9	Effects of noise and by-catch on a Danish harbour porpoise population. <i>Ecological Modelling</i> , 2014, 272, 242-251.	2.5	68
10	Tundra Trait Team: A database of plant traits spanning the tundra biome. <i>Global Ecology and Biogeography</i> , 2018, 27, 1402-1411.	5.8	57
11	Bubble curtains attenuate noise from offshore wind farm construction and reduce temporary habitat loss for harbour porpoises. <i>Marine Ecology - Progress Series</i> , 2017, 580, 221-237.	1.9	55
12	Defining management units for cetaceans by combining genetics, morphology, acoustics and satellite tracking. <i>Global Ecology and Conservation</i> , 2015, 3, 839-850.	2.1	52
13	Communicating complex ecological models to non-scientist end users. <i>Ecological Modelling</i> , 2016, 338, 51-59.	2.5	52
14	Global plant trait relationships extend to the climatic extremes of the tundra biome. <i>Nature Communications</i> , 2020, 11, 1351.	12.8	52
15	Traditional plant functional groups explain variation in economic but not size-related traits across the tundra biome. <i>Global Ecology and Biogeography</i> , 2019, 28, 78-95.	5.8	49
16	Disturbance of harbour porpoises during construction of the first seven offshore wind farms in Germany. <i>Marine Ecology - Progress Series</i> , 2018, 596, 213-232.	1.9	48
17	How a simple adaptive foraging strategy can lead to emergent home ranges and increased food intake. <i>Oikos</i> , 2013, 122, 1307-1316.	2.7	44
18	The regional species richness and genetic diversity of <sc>Arctic</sc> vegetation reflect both past glaciations and current climate. <i>Global Ecology and Biogeography</i> , 2016, 25, 430-442.	5.8	44

#	ARTICLE	IF	CITATIONS
19	Using habitat selection theories to predict the spatiotemporal distribution of migratory birds during stopover – a case study of pink-footed geese <i>Anser brachyrhynchus</i>. <i>Oikos</i> , 2015, 124, 851-860.	2.7	43
20	Ungulate movement in an extreme seasonal environment: year-round movement patterns of high-Arctic muskoxen. <i>Wildlife Biology</i> , 2016, 22, 253-267.	1.4	43
21	Multi-scale Modeling of Animal Movement and General Behavior Data Using Hidden Markov Models with Hierarchical Structures. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2017, 22, 232-248.	1.4	43
22	Spatial interactions between marine predators and their prey: herring abundance as a driver for the distributions of mackerel and harbour porpoise. <i>Marine Ecology - Progress Series</i> , 2012, 468, 245-253.	1.9	42
23	Plant community composition and species richness in the High Arctic tundra: From the present to the future. <i>Ecology and Evolution</i> , 2017, 7, 10233-10242.	1.9	37
24	Classifying grey seal behaviour in relation to environmental variability and commercial fishing activity - a multivariate hidden Markov model. <i>Scientific Reports</i> , 2019, 9, 5642.	3.3	36
25	The Effects of Landscape Modifications on the Long-Term Persistence of Animal Populations. <i>PLoS ONE</i> , 2010, 5, e8932.	2.5	33
26	Effects of liana load, tree diameter and distances between conspecifics on seed production in tropical timber trees. <i>Forest Ecology and Management</i> , 2009, 257, 987-993.	3.2	30
27	Predicting the population-level impact of mitigating harbor porpoise bycatch with pingers and time-area fishing closures. <i>Ecosphere</i> , 2017, 8, e01785.	2.2	30
28	Possible Causes of a Harbour Porpoise Mass Stranding in Danish Waters in 2005. <i>PLoS ONE</i> , 2013, 8, e55553.	2.5	29
29	A risk assessment review of mercury exposure in Arctic marine and terrestrial mammals. <i>Science of the Total Environment</i> , 2022, 829, 154445.	8.0	29
30	Is it worthwhile scaring geese to alleviate damage to crops? – An experimental study. <i>Journal of Applied Ecology</i> , 2016, 53, 916-924.	4.0	27
31	Fine-scale movement responses of free-ranging harbour porpoises to capture, tagging and short-term noise pulses from a single airgun. <i>Royal Society Open Science</i> , 2018, 5, 170110.	2.4	27
32	Title is missing!. <i>Plant Ecology</i> , 2002, 162, 215-226.	1.6	24
33	Characteristics and Propagation of Airgun Pulses in Shallow Water with Implications for Effects on Small Marine Mammals. <i>PLoS ONE</i> , 2015, 10, e0133436.	2.5	24
34	Timber tree regeneration along abandoned logging roads in a tropical Bolivian forest. <i>New Forests</i> , 2007, 34, 31-40.	1.7	22
35	Movement and Seasonal Energetics Mediate Vulnerability to Disturbance in Marine Mammal Populations. <i>American Naturalist</i> , 2021, 197, 296-311.	2.1	22
36	Growth and Mortality Rates of the Liana <i>Machaerium cuspidatum</i> in Relation to Light and Topographic Position. <i>Biotropica</i> , 2002, 34, 319-322.	1.6	21

#	ARTICLE	IF	CITATIONS
37	Environmental drivers of harbour porpoise fine-scale movements. <i>Marine Biology</i> , 2018, 165, 95.	1.5	21
38	Keeping modelling notebooks with TRACE: Good for you and good for environmental research and management support. <i>Environmental Modelling and Software</i> , 2021, 136, 104932.	4.5	19
39	Demography of <i>Machaerium cuspidatum</i> , a shade-tolerant neotropical liana. <i>Journal of Tropical Ecology</i> , 2004, 20, 505-516.	1.1	16
40	Energetics as common currency for integrating high resolution activity patterns into dynamic energy budget-individual based models. <i>Ecological Modelling</i> , 2020, 434, 109250.	2.5	15
41	Influence of environmental variability on harbour porpoise movement. <i>Marine Ecology - Progress Series</i> , 2020, 648, 207-219.	1.9	15
42	Modeling Population-Level Consequences of Polychlorinated Biphenyl Exposure in East Greenland Polar Bears. <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 70, 143-154.	4.1	14
43	Forage patch use by grazing herbivores in a South African grazing ecosystem. <i>Acta Theriologica</i> , 2014, 59, 457-466.	1.1	13
44	Regeneration in <i>Terminalia oblonga</i> (Combretaceae)â€”A common timber tree from a humid tropical forest (La Chonta, Bolivia). <i>Forest Ecology and Management</i> , 2006, 225, 306-312.	3.2	12
45	Foraging behaviour and fuel accumulation of capital breeders during spring migration as derived from a combination of satelliteâ€”and groundâ€”based observations. <i>Journal of Avian Biology</i> , 2016, 47, 563-574.	1.2	12
46	Discriminating between possible foraging decisions using pattern-oriented modelling: The case of pink-footed geese in Mid-Norway during their spring migration. <i>Ecological Modelling</i> , 2016, 320, 299-315.	2.5	12
47	Allee effect in polar bears: a potential consequence of polychlorinated biphenyl contamination. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161883.	2.6	11
48	Spatiotemporal variation in home range size of female polar bears and correlations with individual contaminant load. <i>Polar Biology</i> , 2016, 39, 1479-1489.	1.2	11
49	Annual air temperature variability and biotic interactions explain tundra shrub species abundance. <i>Journal of Vegetation Science</i> , 2021, 32, e13009.	2.2	11
50	Energyâ€”mediated responses to changing prey size and distribution in marine top predator movements and population dynamics. <i>Journal of Animal Ecology</i> , 2022, 91, 241-254.	2.8	11
51	Zackenbergl in a Circumpolar Context. <i>Advances in Ecological Research</i> , 2008, , 499-544.	2.7	9
52	The effects of spatial and temporal heterogeneity on the population dynamics of four animal species in a Danish landscape. <i>BMC Ecology</i> , 2009, 9, 18.	3.0	9
53	Diurnal variation in the behaviour of the Pink-footed Goose ( <i>Anser brachyrhynchus</i> ) during the spring stopover in TrÃndelag, Norway. <i>Journal of Ornithology</i> , 2013, 154, 645-654.	1.1	9
54	Modelling movements of Saimaa ringed seals using an individual-based approach. <i>Ecological Modelling</i> , 2018, 368, 321-335.	2.5	9

#	ARTICLE	IF	CITATIONS
55	AgentSeal: Agent-based model describing movement of marine central-place foragers. <i>Ecological Modelling</i> , 2021, 440, 109397.	2.5	9
56	Field Metabolic Rate and PCB Adipose Tissue Deposition Efficiency in East Greenland Polar Bears Derived from Contaminant Monitoring Data. <i>PLoS ONE</i> , 2014, 9, e104037.	2.5	9
57	Arctic Resilience: No Evidence of Vegetation Change in Response to Grazing and Climate Changes in South Greenland. <i>Arctic, Antarctic, and Alpine Research</i> , 2016, 48, 531-549.	1.1	8
58	Short-term spatial variation in the demography of a common Neotropical liana is shaped by tree community structure and light availability. <i>Plant Ecology</i> , 2016, 217, 1273-1290.	1.6	5
59	Impacts of soil disturbance on plant diversity in a dry grassland. <i>Plant Ecology</i> , 2021, 222, 1051-1063.	1.6	5
60	On censusing lianas: a review of common methodologies.. , 2005, , 41-57.		4
61	Growth and Mortality Rates of the Liana <i>Machaerium cuspidatum</i> in Relation to Light and Topographic Position1. <i>Biotropica</i> , 2002, 34, 319.	1.6	3
62	The demography of a dominant Amazon liana species exhibits little environmental sensitivity. <i>Journal of Tropical Ecology</i> , 2016, 32, 79-82.	1.1	3
63	Canopy structure and forest understory conditions in a wet Amazonian forest – No change over the last 20 years. <i>Biotropica</i> , 2020, 52, 1121-1126.	1.6	3
64	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. <i>Ecological Modelling</i> , 2020, 430, 109119.	2.5	3
65	Element concentrations, histology and serum biochemistry of arctic char ( <i>Salvelinus alpinus</i> ) and shorthorn sculpins ( <i>Myoxocephalus scorpius</i> ) in northwest Greenland. <i>Environmental Research</i> , 2022, 208, 112742.	7.5	1
66	High resolution species distribution and abundance models cannot predict separate shrub datasets in adjacent Arctic fjords. <i>Diversity and Distributions</i> , 2022, 28, 956-975.	4.1	0