Petri Nummi

List of Publications by Year in descending order

67 papers	1,755 citations	236925 25 h-index	315739 38 g-index
68 all docs	68 docs citations	68 times ranked	1018 citing authors

#	Article	IF	Citations
1	Wholeâ€community facilitation by beaver: ecosystem engineer increases waterbird diversity. Aquatic Conservation: Marine and Freshwater Ecosystems, 2014, 24, 623-633.	2.0	80
2	Factors affecting species number and density of dabbling duck guilds in North Europe. Ecography, 1993, 16, 251-260.	4.5	72
3	Urban Wetlands: A Review on Ecological and Cultural Values. Water (Switzerland), 2021, 13, 3301.	2.7	62
4	Relationships Between Species Number, Lake Size and Resource Diversity in Assemblages of Breeding Waterfowl. Journal of Biogeography, 1994, 21, 75.	3.0	59
5	The scientific basis for new and sustainable management of migratory European ducks. Wildlife Biology, 2006, 12, 121-127.	1.4	55
6	Do intruding predators and trap position affect the reliability of catches in activity traps?. Hydrobiologia, 1992, 239, 187-193.	2.0	54
7	Habitat associations of ducks during different phases of the breeding season. Ecography, 1993, 16, 319-328.	4.5	54
8	Food-niche relationships of sympatric mallards and green-winged teals. Canadian Journal of Zoology, 1993, 71, 49-55.	1.0	48
9	Interspecific interactions and co-existence in dabbling ducks: observations and an experiment. Oecologia, 1997, 111, 129-136.	2.0	47
10	Why are there so many empty lakes? Food limits survival of mallard ducklings. Canadian Journal of Zoology, 2004, 82, 1698-1703.	1.0	46
11	The beaver as an ecosystem engineer facilitates teal breeding. Ecography, 2008, 31, 519-524.	4.5	46
12	Invasive North American beaverCastor canadensisin Eurasia: a review of potential consequences and a strategy for eradication. Wildlife Biology, 2012, 18, 354-365.	1.4	46
13	Habitat selection rules in breeding mallards (Anas platyrhynchos): a test of two competing hypotheses. Oecologia, 1998, 114, 283-287.	2.0	45
14	RESPONSE OF MALLARD DUCKLINGS TO VARIATION IN HABITAT QUALITY: AN EXPERIMENT OF FOOD LIMITATION. Ecology, 2000, 81, 329-335.	3.2	42
15	Experimental evidence for density-dependent survival in mallard (Anas platyrhynchos) ducklings. Oecologia, 2006, 149, 203-213.	2.0	42
16	Bats benefit from beavers: a facilitative link between aquatic and terrestrial food webs. Biodiversity and Conservation, 2011, 20, 851-859.	2.6	38
17	Habitat dynamics of beaver Castor canadensis at two spatial scales. Wildlife Biology, 2008, 14, 302-308.	1.4	37
18	Individual foraging behaviour indicates resource limitation: an experiment with mallard ducklings. Canadian Journal of Zoology, 2000, 78, 1891-1895.	1.0	34

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19	Beaver-created deadwood dynamics in the boreal forest. Forest Ecology and Management, 2016, 360, 1-8.	3.2	33
20	Density-dependent decline of breeding success in an introduced, increasing mute swan Cygus olor population. Journal of Avian Biology, 2003, 34, 105-111.	1.2	32
21	Density dependence in ducks: a review of the evidence. European Journal of Wildlife Research, 2013, 59, 305-321.	1.4	32
22	Breeding success of ducks in relation to different habitat factors. Ibis, 1995, 137, 145-150.	1.9	31
23	Habitat use in ducks breeding in boreal freshwater wetlands: a review. European Journal of Wildlife Research, 2015, 61, 339-363.	1.4	31
24	Ecology and extent of freshwater browning - What we know and what should be studied next in the context of global change. Science of the Total Environment, 2022, 812, 152420.	8.0	31
25	Breeding success of sympatric dabbling ducks in relation to population density and food resources. Oikos, 2003, 100, 333-341.	2.7	30
26	The beaver facilitates species richness and abundance of terrestrial and semi-aquatic mammals. Global Ecology and Conservation, 2019, 20, e00701.	2.1	30
27	Ecomorphology in breeding Holarctic dabbling ducks: the importance of lamellar density and body length varies with habitat type. Oikos, 2000, 91, 583-588.	2.7	27
28	Invertebrates are declining in boreal aquatic habitat: The effect of brownification?. Science of the Total Environment, 2020, 724, 138199.	8.0	27
29	Ecosystem services provided by beavers Castor spp.. Mammal Review, 2021, 51, 25-39.	4.8	26
30	Population and community level responses in Anas -species to patch disturbance caused by an ecosystem engineer, the beaver. Ecography, 1997, 20, 580-584.	4.5	25
31	Within-season sequential density dependence regulates breeding success in mallardsAnas platyrhynchos. Oikos, 2005, 108, 582-590.	2.7	25
32	Urban wetland parks in Finland: improving water quality and creating endangered habitats. International Journal of Biodiversity Science, Ecosystem Services & Management, 2015, 11, 46-60.	2.9	25
33	Activity traps and the corer: complementary methods for sampling aquatic invertebrates. Hydrobiologia, 2000, 432, 121-125.	2.0	24
34	Hatching in dabbling ducks and emergence in chironomids: a case of predatorâ€“prey synchrony?. Hydrobiologia, 2009, 636, 319-329.	2.0	24
35	Beavers affect carbon biogeochemistry: both shortâ€term and longâ€term processes are involved. Mammal Review, 2018, 48, 298-311.	4.8	24
36	Habitat use by different-aged duck broods and juvenile ducks. Wildlife Biology, 1995, 1, 181-187.	1.4	24

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37	Competitive effects of fish in structurally simple habitats: perch, invertebrates, and goldeneye in small boreal lakes. Aquatic Sciences, 2012, 74, 343-350.	1.5	23
38	Beaver-induced spatiotemporal patch dynamics affect landscape-level environmental heterogeneity. Environmental Research Letters, 2020, 15, 094065.	5.2	23
39	Spatiotemporal dynamics of boreal landscapes with ecosystem engineers: beavers influence the biogeochemistry of small lakes. Biogeochemistry, 2015, 124, 405-415.	3.5	21
40	Reciprocal facilitation between large herbivores and ants in a semi-arid grassland. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20181665.	2.6	20
41	Changes in species richness and composition of boreal waterbird communities: a comparison between two time periods 25 years apart. Scientific Reports, 2019, 9, 1725.	3.3	20
42	Early springs and breeding performance in two sympatric duck species with different migration strategies. Ibis, 2014, 156, 288-298.	1.9	19
43	Beaver creates early successional hotspots for water beetles. Biodiversity and Conservation, 2021, 30, 2655-2670.	2.6	19
44	Habitat associations and habitat change: seeking explanation for population decline in breeding Eurasian wigeon Anas penelope. Hydrobiologia, 2017, 785, 207-217.	2.0	16
45	Wetland use by broodâ€rearing female ducks in a boreal forest landscape: the importance of food and habitat. Ibis, 2013, 155, 68-79.	1.9	15
46	Population change in breeding boreal waterbirds in a 25â€year perspective: What characterises winners and losers?. Freshwater Biology, 2020, 65, 167-177.	2.4	15
47	Restoring wetland biodiversity using research: Wholeâ€community facilitation by beaver as framework. Aquatic Conservation: Marine and Freshwater Ecosystems, 2020, 30, 1798-1802.	2.0	14
48	Sustainable management of migratory European ducks: finding model species. Wildlife Biology, 2018, 2018, 1-11.	1.4	13
49	Fishâ€“duck interactions in boreal lakes in Finland as reflected by abundance correlations. Hydrobiologia, 2012, 697, 85-93.	2.0	12
50	Breeding in the stable boreal landscape: lake habitat variability drives brood production in the teal (<scp>A</scp>nas crecca). Freshwater Biology, 2014, 59, 2621-2631.	2.4	12
51	Abundance-distribution relationships on interacting trophic levels: the case of lake-nesting waterfowl and dytiscid water beetles. Journal of Biogeography, 2000, 27, 821-827.	3.0	11
52	Born to cope with climate change? Experimentally manipulated hatching time does not affect duckling survival in the mallard Anas platyrhynchos. European Journal of Wildlife Research, 2011, 57, 505-516.	1.4	11
53	The effect of beaver facilitation on Common Teal: pairs and broods respond differently at the patch and landscape scales. Ibis, 2019, 161, 301-309.	1.9	11
54	Response of Mallard Ducklings to Variation in Habitat Quality: An Experiment of Food Limitation. Ecology, 2000, 81, 329.	3.2	9

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55	Mechanisms of density dependence in ducks: importance of space and per capita food. Oecologia, 2015, 177, 679-688.	2.0	9
56	Beavers promote calicioid diversity in boreal forest landscapes. Biodiversity and Conservation, 2017, 26, 579-591.	2.6	8
57	Recovering Whooper Swans do not cause a decline in Eurasian Wigeon via their grazing impact on habitat. Journal of Ornithology, 2018, 159, 447-455.	1.1	7
58	Small mammal assemblage in beaver-modified habitats. Mammal Research, 2021, 66, 181-186.	1.3	7
59	Effects of grazing on C:N:P stoichiometry attenuate from soils to plants and insect herbivores in a semi-arid grassland. Oecologia, 2021, 195, 785-795.	2.0	7
60	Patterns of lake acidity and waterfowl communities. Hydrobiologia, 1994, 279-280, 201-206.	2.0	6
61	Reed bed vegetation structure and plant species diversity depend on management type and the time period since last management. Applied Vegetation Science, 2021, 24, .	1.9	5
62	Mooseâ€“vehicle collisions occur earlier in warm springs. Acta Theriologica, 2013, 58, 341-347.	1.1	4
63	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.	2.1	4
64	Changes in wetland habitat use by waterbirds wintering in Czechia are related to diet and distribution changes. Freshwater Biology, 2022, 67, 309-324.	2.4	3
65	KEY ASPECTS OF BREEDING HABITATS OF THE TWO MOST IMPORTANT GAME DUCKS, MALLARD AND TEAL. Acta Zoologica Lituanica, 1998, 8, 149-153.	0.3	2
66	Vernal pools enhance local vertebrate activity and diversity in a boreal landscape. Global Ecology and Conservation, 2021, 31, e01858.	2.1	1
67	Populations in stable and variable habitats: Green and common sandpiper in a beaver-influenced landscape. Global Ecology and Conservation, 2021, 28, e01678.	2.1	0