

Lauri Oksanen

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

7,733
citations

126907

33
h-index

206112

48
g-index

98
all docs

98
docs citations

98
times ranked

8833
citing authors

#	ARTICLE	IF	CITATIONS
1	Trophic Downgrading of Planet Earth. <i>Science</i> , 2011, 333, 301-306.	12.6	3,030
2	Exploitation Ecosystems in Gradients of Primary Productivity. <i>American Naturalist</i> , 1981, 118, 240-261.	2.1	1,528
3	SMALL-RODENT DYNAMICS AND PREDATION. <i>Ecology</i> , 2001, 82, 1505-1520.	3.2	353
4	The Logic and Realism of the Hypothesis of Exploitation Ecosystems. <i>American Naturalist</i> , 2000, 155, 703-723.	2.1	297
5	Herbivores inhibit climate-driven shrub expansion on the tundra. <i>Global Change Biology</i> , 2009, 15, 2681-2693.	9.5	288
6	Effects of altitude and topography on species richness of vascular plants, bryophytes and lichens in alpine communities. <i>Journal of Vegetation Science</i> , 2006, 17, 37-46.	2.2	230
7	Effects of altitude and topography on species richness of vascular plants, bryophytes and lichens in alpine communities. <i>Journal of Vegetation Science</i> , 2006, 17, 37.	2.2	149
8	Importance of large and small mammalian herbivores for the plant community structure in the forest tundra ecotone. <i>Oikos</i> , 2004, 106, 324-334.	2.7	134
9	Ecosystem Organization: Mutualism and Cybernetics or Plain Darwinian Struggle for Existence?. <i>American Naturalist</i> , 1988, 131, 424-444.	2.1	109
10	Trophic Exploitation and Arctic Phytomass Patterns. <i>American Naturalist</i> , 1983, 122, 45-52.	2.1	89
11	Lemming Grazing on Snowbed Vegetation during a Population Peak, Northern Norway. <i>Arctic and Alpine Research</i> , 1993, 25, 130.	1.3	79
12	Ideal Free Habitat Selection and Consumer-Resource Dynamics. <i>American Naturalist</i> , 1995, 146, 565-585.	2.1	77
13	Where do the treeless tundra areas of northern highlands fit in the global biome system: toward an ecologically natural subdivision of the tundra biome. <i>Ecology and Evolution</i> , 2016, 6, 143-158.	1.9	69
14	Spatial Patterns and Dynamic Responses of Arctic Food Webs Corroborate the Exploitation Ecosystems Hypothesis (EEH). <i>American Naturalist</i> , 2008, 171, 249-262.	2.1	66
15	Exploitation ecosystems in heterogeneous habitat complexes II: Impact of small-scale heterogeneity on predator-prey dynamics. <i>Evolutionary Ecology</i> , 1992, 6, 383-398.	1.2	60
16	On the Balance between Positive and Negative Plant Interactions in Harsh Environments. <i>Oikos</i> , 1999, 86, 539.	2.7	59
17	Habitat use of small mustelids in north Fennoscandian tundra: a test of the hypothesis of patchy exploitation ecosystems. <i>Ecography</i> , 1992, 15, 237-244.	4.5	58
18	Regulation, cycles and stability in northern carnivore-herbivore systems: back to first principles. <i>Oikos</i> , 2001, 94, 101-117.	2.7	57

#	ARTICLE	IF	CITATIONS
19	Documenting lemming population change in the Arctic: Can we detect trends?. <i>Ambio</i> , 2020, 49, 786-800.	5.5	54
20	Plant strategies along mountain vegetation gradients: a test of two theories. <i>Journal of Vegetation Science</i> , 1992, 3, 175-186.	2.2	53
21	Grazing by Food-Limited Microtine Rodents on a Productive Experimental Plant Community: Does the "Green Desert" Exist?. <i>Oikos</i> , 1993, 68, 401.	2.7	53
22	Effect of reindeer grazing on snowmelt, albedo and energy balance based on satellite data analyses. <i>Remote Sensing of Environment</i> , 2013, 135, 107-117.	11.0	52
23	Open tundra persist, but arctic features decline—Vegetation changes in the warming Fennoscandian tundra. <i>Global Change Biology</i> , 2017, 23, 3794-3807.	9.5	52
24	Exploitation Ecosystems in Seasonal Environments. <i>Oikos</i> , 1990, 57, 14.	2.7	51
25	Long-Term Exclusion of Folivorous Mammals in Two Arctic-Alpine Plant Communities: A Test of the Hypothesis of Exploitation Ecosystems. <i>Oikos</i> , 1998, 82, 333.	2.7	50
26	Predators indirectly protect tundra plants by reducing herbivore abundance. <i>Oikos</i> , 2004, 106, 85-92.	2.7	50
27	Evolution of exploitation ecosystems I. Predation, foraging ecology and population dynamics in herbivores. <i>Evolutionary Ecology</i> , 1992, 6, 15-33.	1.2	49
28	Species-specific plant responses to exclusion of grazers in three Fennoscandian tundra habitats. <i>Ecoscience</i> , 1994, 1, 31-39.	1.4	49
29	Optimization of reproductive effort and foraging time in mammals: The influence of resource level and predation risk. <i>Evolutionary Ecology</i> , 1995, 9, 45-56.	1.2	49
30	Long-term dynamics of voles and lemmings at the timberline and above the willow limit as a test of hypotheses on trophic interactions. <i>Ecography</i> , 2001, 24, 555-568.	4.5	45
31	Broad-scale vegetation-environment relationships in Eurasian high-latitude areas. <i>Journal of Vegetation Science</i> , 2006, 17, 519-528.	2.2	42
32	Dispersal ability links to cross-scale species diversity patterns across the Eurasian Arctic tundra. <i>Global Ecology and Biogeography</i> , 2012, 21, 851-860.	5.8	41
33	The impact of short-term predator removal on vole dynamics in an arctic-alpine landscape. <i>Oikos</i> , 2004, 106, 457-468.	2.7	39
34	Long-Term Experiments Reveal Strong Interactions Between Lemmings and Plants in the Fennoscandian Highland Tundra. <i>Ecosystems</i> , 2014, 17, 606-615.	3.4	37
35	Consequences of grazer-induced vegetation transitions on ecosystem carbon storage in the tundra. <i>Functional Ecology</i> , 2018, 32, 1091-1102.	3.6	33
36	Effects of reindeer density on vascular plant diversity on North Scandinavian mountains. <i>Rangifer</i> , 2005, 25, 5.	0.6	29

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37	Herbivore Effects on Ecosystem Process Rates in a Low-Productive System. <i>Ecosystems</i> , 2019, 22, 827-843.	3.4	25
38	Small-Rodent Dynamics and Predation. <i>Ecology</i> , 2001, 82, 1505.	3.2	25
39	Spatial variation in vegetation damage relative to primary productivity, small rodent abundance and predation. <i>Ecography</i> , 2014, 37, 894-901.	4.5	24
40	Ecosystem trends. <i>Nature</i> , 1991, 353, 510-510.	27.8	19
41	Predator–rodent–plant interactions along a coast–inland gradient in Fennoscandian tundra. <i>Ecography</i> , 2016, 39, 871-883.	4.5	14
42	Changes in the Spatial Configuration and Strength of Trophic Control Across a Productivity Gradient During a Massive Rodent Outbreak. <i>Ecosystems</i> , 2017, 20, 1421-1435.	3.4	14
43	Role of climate and herbivory on native and alien conifer seedling recruitment at and above the Fennoscandian tree line. <i>Journal of Vegetation Science</i> , 2018, 29, 573-584.	2.2	11
44	The impact of thermal seasonality on terrestrial endotherm food web dynamics: a revision of the Exploitation Ecosystem Hypothesis. <i>Ecography</i> , 2020, 43, 1859-1877.	4.5	11
45	Vole–vegetation interactions in an experimental, enemy free taiga floor system. <i>Oikos</i> , 2007, 116, 1501-1513.	2.7	10
46	Why don't all species overexploit?. <i>Oikos</i> , 2021, 130, 1835-1848.	2.7	8
47	Adaptation to Disturbance as a Part of the Strategy of Arctic and Alpine Plants. , 1997, , 91-113.		7
48	Broad-scale vegetation-environment relationships in Eurasian high-latitude areas. <i>Journal of Vegetation Science</i> , 2006, 17, 519.	2.2	4