

# Annika Nordin

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68

papers

3,141

citations

28

h-index

55

g-index

70

ext. papers

3,575

ext. citations

5.4

avg, IF

5.13

L-index

#	Paper	IF	Citations
68	Boreal forest plants take up organic nitrogen. <i>Nature</i> , <b>1998</b> , 392, 914-916	50.4	798
67	Soil nitrogen form and plant nitrogen uptake along a boreal forest productivity gradient. <i>Oecologia</i> , <b>2001</b> , 129, 125-132	2.9	216
66	NITROGEN UPTAKE BY ARCTIC SOIL MICROBES AND PLANTS IN RELATION TO SOIL NITROGEN SUPPLY. <i>Ecology</i> , <b>2004</b> , 85, 955-962	4.6	159
65	Bryophytes attenuate anthropogenic nitrogen inputs in boreal forests. <i>Global Change Biology</i> , <b>2011</b> , 17, 2743-2753	11.4	146
64	Replacing monocultures with mixed-species stands: Ecosystem service implications of two production forest alternatives in Sweden. <i>Ambio</i> , <b>2016</b> , 45 Suppl 2, 124-39	6.5	125
63	Parasitic fungus mediates change in nitrogen-exposed boreal forest vegetation. <i>Journal of Ecology</i> , <b>2002</b> , 90, 61-67	6	120
62	Anthropogenic nitrogen deposition enhances carbon sequestration in boreal soils. <i>Global Change Biology</i> , <b>2015</b> , 21, 3169-80	11.4	113
61	Nitrogen Deposition and the Biodiversity of Boreal Forests: Implications for the Nitrogen Critical Load. <i>Ambio</i> , <b>2005</b> , 34, 20-24	6.5	113
60	Potential Roles of Swedish Forestry in the Context of Climate Change Mitigation. <i>Forests</i> , <b>2014</b> , 5, 557-578	7.8	106
59	Anthropogenic nitrogen deposition in boreal forests has a minor impact on the global carbon cycle. <i>Global Change Biology</i> , <b>2014</b> , 20, 276-86	11.4	77
58	Patterns of plant biomass partitioning depend on nitrogen source. <i>PLoS ONE</i> , <b>2011</b> , 6, e19211	3.7	68
57	Responses to ammonium and nitrate additions by boreal plants and their natural enemies. <i>Environmental Pollution</i> , <b>2006</b> , 141, 167-74	9.3	63
56	Changes in the abundance of keystone forest floor species in response to changes of forest structure. <i>Journal of Vegetation Science</i> , <b>2013</b> , 24, 296-306	3.1	56
55	Socio-ecological implications of modifying rotation lengths in forestry. <i>Ambio</i> , <b>2016</b> , 45 Suppl 2, 109-23	6.5	50
54	Nitrogen dynamics in managed boreal forests: Recent advances and future research directions. <i>Ambio</i> , <b>2016</b> , 45 Suppl 2, 175-87	6.5	49
53	Commercial forest fertilization causes long-term residual effects in ground vegetation of boreal forests. <i>Forest Ecology and Management</i> , <b>2008</b> , 256, 2175-2181	3.9	48
52	The role of biogeochemical hotspots, landscape heterogeneity, and hydrological connectivity for minimizing forestry effects on water quality. <i>Ambio</i> , <b>2016</b> , 45 Suppl 2, 152-62	6.5	46

51	Ecophysiological adjustment of two Sphagnum species in response to anthropogenic nitrogen deposition. <i>New Phytologist</i> , <b>2009</b> , 181, 208-217	9.8	45
50	Comparison of carbon balances between continuous-cover and clear-cut forestry in Sweden. <i>Ambio</i> , <b>2016</b> , 45 Suppl 2, 203-13	6.5	42
49	Nitrogen storage forms in nine boreal understorey plant species. <i>Oecologia</i> , <b>1997</b> , 110, 487-492	2.9	41
48	Amino acid accumulation and growth of Sphagnum under different levels of N deposition. <i>Ecoscience</i> , <b>2000</b> , 7, 474-480	1.1	41
47	Complex Biotic Interactions Drive Long-Term Vegetation Change in a Nitrogen Enriched Boreal Forest. <i>Ecosystems</i> , <b>2009</b> , 12, 1204-1211	3.9	33
46	Nitrogen-addition effects on leaf traits and photosynthetic carbon gain of boreal forest understorey shrubs. <i>Oecologia</i> , <b>2014</b> , 175, 457-70	2.9	32
45	Understanding context dependency in the response of forest understorey plant communities to nitrogen deposition. <i>Environmental Pollution</i> , <b>2018</b> , 242, 1787-1799	9.3	31
44	Cultivation of Norway spruce and Scots pine on organic nitrogen improves seedling morphology and field performance. <i>Forest Ecology and Management</i> , <b>2012</b> , 276, 118-124	3.9	30
43	Compositional changes of forest-floor vegetation in young stands of Norway spruce as an effect of repeated fertilisation. <i>Forest Ecology and Management</i> , <b>2010</b> , 259, 2418-2425	3.9	30
42	The potential role of forest management in Swedish scenarios towards climate neutrality by mid century. <i>Forest Ecology and Management</i> , <b>2017</b> , 383, 73-84	3.9	29
41	The impact of simulated chronic nitrogen deposition on the biomass and N-fixation activity of two boreal feather moss-cyanobacteria associations. <i>Biology Letters</i> , <b>2013</b> , 9, 20130797	3.6	29
40	Anthropogenic nitrogen enrichment enhances soil carbon accumulation by impacting saprotrophs rather than ectomycorrhizal fungal activity. <i>Global Change Biology</i> , <b>2019</b> , 25, 2900-2914	11.4	28
39	Relative contributions of set-asides and tree retention to the long-term availability of key forest biodiversity structures at the landscape scale. <i>Journal of Environmental Management</i> , <b>2015</b> , 154, 284-92	7.9	27
38	Understanding consistencies and gaps between desired forest futures: An analysis of visions from stakeholder groups in Sweden. <i>Ambio</i> , <b>2016</b> , 45 Suppl 2, 100-8	6.5	25
37	Varying rotation lengths in northern production forests: Implications for habitats provided by retention and production trees. <i>Ambio</i> , <b>2017</b> , 46, 324-334	6.5	25
36	Physical disturbance determines effects from nitrogen addition on ground vegetation in boreal coniferous forests. <i>Journal of Vegetation Science</i> , <b>2012</b> , 23, 361-371	3.1	22
35	Nitrogen deposition and the biodiversity of boreal forests: implications for the nitrogen critical load. <i>Ambio</i> , <b>2005</b> , 34, 20-4	6.5	21
34	Belowground Competition Directs Spatial Patterns of Seedling Growth in Boreal Pine Forests in Fennoscandia. <i>Forests</i> , <b>2014</b> , 5, 2106-2121	2.8	17

33	Modified forest rotation lengths: Long-term effects on landscape-scale habitat availability for specialized species. <i>Journal of Environmental Management</i> , <b>2018</b> , 210, 1-9	7.9	15
32	Carbon balance in production forestry in relation to rotation length. <i>Canadian Journal of Forest Research</i> , <b>2018</b> , 48, 672-678	1.9	15
31	Impacts of global climate change mitigation scenarios on forests and harvesting in Sweden. <i>Canadian Journal of Forest Research</i> , <b>2016</b> , 46, 1427-1438	1.9	15
30	Productivity of Scots pine and Norway spruce in central Sweden and competitive release in mixtures of the two species. <i>Forest Ecology and Management</i> , <b>2018</b> , 429, 287-293	3.9	15
29	Nitrogen enrichment impacts on boreal litter decomposition are driven by changes in soil microbiota rather than litter quality. <i>Scientific Reports</i> , <b>2017</b> , 7, 4083	4.9	13
28	Trade-offs in the multi-use potential of managed boreal forests. <i>Journal of Applied Ecology</i> , <b>2018</b> , 55, 958-966	5.8	12
27	Residual Long-Term Effects of Forest Fertilization on Tree Growth and Nitrogen Turnover in Boreal Forest. <i>Forests</i> , <b>2015</b> , 6, 1145-1156	2.8	12
26	Forest Governance and Management Across Time		12
25	Impacts of tree species identity and species mixing on ecosystem carbon and nitrogen stocks in a boreal forest. <i>Forest Ecology and Management</i> , <b>2020</b> , 458, 117783	3.9	12
24	Decreased variation of forest understory vegetation is an effect of fertilisation in young stands of <i>Picea abies</i> . <i>Scandinavian Journal of Forest Research</i> , <b>2011</b> , 26, 46-55	1.7	11
23	Nitrogen uptake by <i>Hylocomium splendens</i> during snowmelt in a boreal forest. <i>Ecoscience</i> , <b>2008</b> , 15, 315-319	1.1	11
22	Low and High Nitrogen Deposition Rates in Northern Coniferous Forests Have Different Impacts on Aboveground Litter Production, Soil Respiration, and Soil Carbon Stocks. <i>Ecosystems</i> , <b>2020</b> , 23, 1423-1436	3.9	10
21	Chronic Nitrogen Deposition Has a Minor Effect on the Quantity and Quality of Aboveground Litter in a Boreal Forest. <i>PLoS ONE</i> , <b>2016</b> , 11, e0162086	3.7	10
20	Interplay between N-form and N-dose influences ecosystem effects of N addition to boreal forest. <i>Plant and Soil</i> , <b>2018</b> , 423, 385-395	4.2	9
19	Projecting biodiversity and wood production in future forest landscapes: 15 key modeling considerations. <i>Journal of Environmental Management</i> , <b>2017</b> , 197, 404-414	7.9	8
18	Policy goals and instruments for achieving a desirable future forest: Experiences from backcasting with stakeholders in Sweden. <i>Forest Policy and Economics</i> , <b>2020</b> , 111, 102051	3.6	8
17	Carbon benefits from Forest Transitions promoting biomass expansions and thickening. <i>Global Change Biology</i> , <b>2020</b> , 26, 5365-5370	11.4	8
16	From ecological knowledge to conservation policy: a case study on green tree retention and continuous-cover forestry in Sweden. <i>Biodiversity and Conservation</i> , <b>2019</b> , 28, 3547-3574	3.4	6

15	Interdisciplinary science for future governance and management of forests. <i>Ambio</i> , <b>2016</b> , 45 Suppl 2, 69-73	6.5	6
14	Nutrient optimization of tree growth alters structure and function of boreal soil food webs. <i>Forest Ecology and Management</i> , <b>2018</b> , 428, 46-56	3.9	5
13	Long-term nitrogen enrichment does not increase microbial phosphorus mobilization in a northern coniferous forest. <i>Functional Ecology</i> , <b>2021</b> , 35, 277-287	5.6	4
12	Narrow pasts and futures: how frames of sustainability transformation limit societal change. <i>Journal of Environmental Studies and Sciences</i> , <b>2021</b> , 11, 76-84	0.9	4
11	Science for Trade-Offs Between Conflicting Interests in Future Forests. <i>Forests</i> , <b>2011</b> , 2, 631-636	2.8	3
10	Framing woodland key habitats in the Swedish media [how has the framing changed over time?. <i>Scandinavian Journal of Forest Research</i> , <b>2020</b> , 35, 198-209	1.7	3
9	A struggling collaborative process [revisiting the woodland key habitat concept in Swedish forests. <i>Scandinavian Journal of Forest Research</i> , <b>2019</b> , 34, 699-708	1.7	3
8	Survival and growth of Scots pine ( <i>Pinus sylvestris</i> ) seedlings in north Sweden: effects of planting position and arginine phosphate addition. <i>Scandinavian Journal of Forest Research</i> , <b>2021</b> , 36, 423-433	1.7	3
7	Moving towards multi-layered, mixed-species forests in riparian buffers will enhance their long-term function in boreal landscapes. <i>Forest Ecology and Management</i> , <b>2021</b> , 493, 119254	3.9	2
6	Forest future s by Swedish students [developing a mind mapping method for data collection. <i>Scandinavian Journal of Forest Research</i> , <b>2017</b> , 32, 807-817	1.7	1
5	Bringing [Climate-Smart Forestry]Down to the Local Level[Identifying Barriers, Pathways and Indicators for Its Implementation in Practice. <i>Forests</i> , <b>2022</b> , 13, 98	2.8	1
4	Increased tree growth following long-term optimised fertiliser application indirectly alters soil properties in a boreal forest. <i>European Journal of Forest Research</i> , <b>2021</b> , 140, 241-254	2.7	1
3	Climate Benefit of Different Tree Species on Former Agricultural Land in Northern Europe. <i>Forests</i> , <b>2021</b> , 12, 1810	2.8	1
2	Large-scale assessment of artificially coated seeds for forest regeneration across Sweden. <i>New Forests</i> , 1	2.6	1
1	Belowground resource utilization in monocultures and mixtures of Scots pine and Norway spruce. <i>Forest Ecology and Management</i> , <b>2021</b> , 500, 119647	3.9	0