

Mats Dynesius

List of Publications by Year in Descending Order

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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.

47
papers

6,546
citations

26
h-index

47
g-index

47
ext. papers

7,197
ext. citations

5.9
avg, IF

5.72
L-index

#	Paper	IF	Citations
47	Bryophyte species composition at the stand scale (1 ha) Differences between secondary stands half a century after clear-cutting and older semi-natural boreal forests. <i>Forest Ecology and Management</i> , 2021 , 482, 118883	3.9	1
46	The European palaeoecological record of Swedish red-listed beetles. <i>Biological Conservation</i> , 2021 , 260, 109203	6.2	0
45	Restoration measures emulating natural disturbances alter beetle assemblages in boreal forest. <i>Forest Ecology and Management</i> , 2020 , 462, 117934	3.9	4
44	Bryophyte community assembly on young land uplift islands Differences in dispersal and habitat filtering assessed using species traits. <i>Journal of Biogeography</i> , 2019 , 46, 2188-2202	4.1	9
43	Short-term response to stump harvesting by the ground flora in boreal clearcuts. <i>Scandinavian Journal of Forest Research</i> , 2017 , 32, 239-245	1.7	9
42	Soil humidity, potential solar radiation and altitude affect boreal beetle assemblages in dead wood. <i>Biological Conservation</i> , 2017 , 209, 107-118	6.2	12
41	The database of the PREDICTS (Projecting Responses of Ecological Diversity In Changing Terrestrial Systems) project. <i>Ecology and Evolution</i> , 2017 , 7, 145-188	2.8	101
40	Forest restoration by burning and gap cutting of voluntary set-asides yield distinct immediate effects on saproxylic beetles. <i>Biodiversity and Conservation</i> , 2017 , 26, 1623-1640	3.4	19
39	Isolation predicts compositional change after discrete disturbances in a global meta-study. <i>Ecography</i> , 2017 , 40, 1256-1266	6.5	15
38	Long-term effects of clear-cutting on epigaeic beetle assemblages in boreal forests. <i>Forest Ecology and Management</i> , 2016 , 359, 65-73	3.9	13
37	Relationships Between Plant Assemblages and Water Flow Across a Boreal Forest Landscape: A Comparison of Liverworts, Mosses, and Vascular Plants. <i>Ecosystems</i> , 2016 , 19, 170-184	3.9	22
36	Slow recovery of bryophyte assemblages in middle-aged boreal forests regrown after clear-cutting. <i>Biological Conservation</i> , 2015 , 191, 101-109	6.2	14
35	Disjunct populations of European vascular plant species keep the same climatic niches. <i>Global Ecology and Biogeography</i> , 2015 , 24, 1401-1412	6.1	26
34	Wood-inhabiting beetles in low stumps, high stumps and logs on boreal clear-cuts: implications for dead wood management. <i>PLoS ONE</i> , 2015 , 10, e0118896	3.7	17
33	The PREDICTS database: a global database of how local terrestrial biodiversity responds to human impacts. <i>Ecology and Evolution</i> , 2014 , 4, 4701-35	2.8	132
32	Persistence of within-species lineages: a neglected control of speciation rates. <i>Evolution; International Journal of Organic Evolution</i> , 2014 , 68, 923-34	3.8	72
31	Local temperatures inferred from plant communities suggest strong spatial buffering of climate warming across Northern Europe. <i>Global Change Biology</i> , 2013 , 19, 1470-81	11.4	152

30	Responses of bryophytes to wood-ash recycling are related to their phylogeny and pH ecology. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2012 , 14, 21-31	3	6
29	Long-term effects of stump harvesting and landscape composition on beetle assemblages in the hemiboreal forest of Sweden. <i>Forest Ecology and Management</i> , 2012 , 271, 75-80	3.9	18
28	Short-term responses of beetle assemblages to wildfire in a region with more than 100 years of fire suppression. <i>Insect Conservation and Diversity</i> , 2011 , 4, 142-151	3.8	14
27	Saproxyllic and non-saproxyllic beetle assemblages in boreal spruce forests of different age and forestry intensity 2010 , 20, 2310-21		70
26	Responses of eight boreal flat bug (Heteroptera: Aradidae) species to clear-cutting and forest fire. <i>Journal of Insect Conservation</i> , 2010 , 14, 3-9	2.1	21
25	Surface covering of downed logs: drivers of a neglected process in dead wood ecology. <i>PLoS ONE</i> , 2010 , 5, e13237	3.7	22
24	Different long-term and short-term responses of land snails to clear-cutting of boreal stream-side forests. <i>Biological Conservation</i> , 2009 , 142, 1580-1587	6.2	26
23	High resilience of bryophyte assemblages in streamside compared to upland forests. <i>Ecology</i> , 2009 , 90, 1042-54	4.6	47
22	Microclimatic buffering by logging residues and forest edges reduces clear-cutting impacts on forest bryophytes. <i>Applied Vegetation Science</i> , 2008 , 11, 345-354	3.3	29
21	Slope aspect modifies community responses to clear-cutting in boreal forests. <i>Ecology</i> , 2007 , 88, 749-58	4.6	53
20	Eighteen years of tree mortality and structural change in an experimentally fragmented Norway spruce forest. <i>Forest Ecology and Management</i> , 2007 , 242, 306-313	3.9	75
19	Resilience of bryophyte communities to clear-cutting of boreal stream-side forests. <i>Biological Conservation</i> , 2007 , 135, 423-434	6.2	52
18	The role of soil pH in linking groundwater flow and plant species density in boreal forest landscapes. <i>Ecography</i> , 2006 , 29, 515-524	6.5	16
17	Species richness correlations among primary producers in boreal forests. <i>Diversity and Distributions</i> , 2006 , 12, 703-713	5	29
16	Causes of the large variation in bryophyte species richness and composition among boreal streamside forests. <i>Journal of Vegetation Science</i> , 2006 , 17, 333-346	3.1	30
15	Causes of the large variation in bryophyte species richness and composition among boreal streamside forests 2006 , 17, 333		2
14	Fragmentation and flow regulation of the world's large river systems. <i>Science</i> , 2005 , 308, 405-8	33.3	2372
13	Effects of slash harvest on bryophytes and vascular plants in southern boreal forest clear-cuts. <i>Journal of Applied Ecology</i> , 2005 , 42, 1194-1202	5.8	65

12	Spatial and Temporal Variability in Growing-Season Net Ecosystem Carbon Dioxide Exchange at a Large Peatland in Ontario, Canada. <i>Ecosystems</i> , 2005 , 8, 430-441	3.9	130
11	SUBSTRATE FORM DETERMINES THE FATE OF BRYOPHYTES IN RIPARIAN BUFFER STRIPS 2005 , 15, 674-688		94
10	INTERCONTINENTAL SIMILARITIES IN RIPARIAN-PLANT DIVERSITY AND SENSITIVITY TO RIVER REGULATION 2004 , 14, 173-191		35
9	The Fate of Clades in a World of Recurrent Climatic Change: Milankovitch Oscillations and Evolution. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2002 , 33, 741-777		265
8	Evolutionary consequences of changes in species' geographical distributions driven by Milankovitch climate oscillations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 9115-20	11.5	645
7	EFFECTS OF RIVER REGULATION ON RIVER-MARGIN VEGETATION: A COMPARISON OF EIGHT BOREAL RIVERS 2000 , 10, 203-224		175
6	Ecological effects of river regulation on mammals and birds: A review. <i>River Research and Applications</i> , 1994 , 9, 45-53		57
5	A Comparison of Species Richness and Traits of Riparian Plants between a Main River Channel and Its Tributaries. <i>Journal of Ecology</i> , 1994 , 82, 281	6	126
4	Fragmentation and flow regulation of river systems in the northern third of the world. <i>Science</i> , 1994 , 266, 753-62	33.3	1298
3	Uprooting in boreal spruce forests: long-term variation in disturbance rate. <i>Canadian Journal of Forest Research</i> , 1993 , 23, 2383-2388	1.9	55
2	Small Rivers Behave Like Large Rivers: Effects of Postglacial History on Plant Species Richness Along Riverbanks. <i>Journal of Biogeography</i> , 1991 , 18, 533	4.1	39
1	Dating uprooted trees: comparison and application of eight methods in a boreal forest. <i>Canadian Journal of Forest Research</i> , 1991 , 21, 655-665	1.9	62