

Janne Alahuhta

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.

58
papers

1,421
citations

24
h-index

35
g-index

66
ext. papers

1,899
ext. citations

5
avg, IF

5.25
L-index

#	Paper	IF	Citations
58	Responses of multiple facets of macroinvertebrate alpha diversity to eutrophication in floodplain lakes.. <i>Environmental Pollution</i> , 2022 , 119410	9.3	0
57	Palaeontology meets metacommunity ecology: the Maastrichtian dinosaur fossil record of North America as a case study. <i>Palaeontology</i> , 2021 , 64, 335-357	2.9	3
56	Multiple facets of macrophyte beta diversity are shaped by environmental factors, directional spatial processes, and connectivity across tropical floodplain lakes in the dry season. <i>Hydrobiologia</i> , 2021 , 848, 3587	2.4	3
55	Macroecology of macrophytes in the freshwater realm: Patterns, mechanisms and implications. <i>Aquatic Botany</i> , 2021 , 168, 103325	1.8	16
54	Temporal beta diversity of lake plants is determined by concomitant changes in environmental factors across decades. <i>Journal of Ecology</i> , 2021 , 109, 819-832	6	9
53	Lakes in the era of global change: moving beyond single-lake thinking in maintaining biodiversity and ecosystem services. <i>Biological Reviews</i> , 2021 , 96, 89-106	13.5	38
52	Little evidence of range size conservatism in freshwater plants across two continents. <i>Journal of Biogeography</i> , 2021 , 48, 1200-1212	4.1	1
51	Rarity in freshwater vascular plants across Europe and North America: Patterns, mechanisms and future scenarios. <i>Science of the Total Environment</i> , 2021 , 786, 147491	10.2	1
50	Biotic interactions hold the key to understanding metacommunity organisation. <i>Ecography</i> , 2020 , 43, 1180-1190	6.5	34
49	Environmental determinants of lake macrophyte communities in Baikal Siberia. <i>Aquatic Sciences</i> , 2020 , 82, 1	2.5	5
48	Global patterns and determinants of lake macrophyte taxonomic, functional and phylogenetic beta diversity. <i>Science of the Total Environment</i> , 2020 , 723, 138021	10.2	21
47	No biotic homogenisation across decades but consistent effects of landscape position and pH on macrophyte communities in boreal lakes. <i>Ecography</i> , 2020 , 43, 294-305	6.5	24
46	Current climate overrides historical effects on species richness and range size of freshwater plants in Europe and North America. <i>Journal of Ecology</i> , 2020 , 108, 1262-1275	6	11
45	Changes in the functional features of macrophyte communities and driving factors across a 70-year period. <i>Hydrobiologia</i> , 2020 , 847, 3811-3827	2.4	9
44	Same species, same habitat preferences? The distribution of aquatic plants is not explained by the same predictors in lakes and streams. <i>Freshwater Biology</i> , 2020 , 65, 878-892	3.1	6
43	Geodiversity-biodiversity relationship needs more empirical evidence. <i>Nature Ecology and Evolution</i> , 2020 , 4, 2-3	12.3	17
42	Elements of lake macrophyte metacommunity structure: Global variation and community-environment relationships. <i>Limnology and Oceanography</i> , 2020 , 65, 2883-2895	4.8	9

41	Macroecology of ground beetles: Species richness, range size and body size show different geographical patterns across a climatically heterogeneous area. <i>Journal of Biogeography</i> , 2019 , 46, 2548-2557	4.1	3
40	Mapping supply and demand of a provisioning ecosystem service across Europe. <i>Ecological Indicators</i> , 2019 , 103, 520-529	5.8	26
39	Landforms contribute to plant biodiversity at alpha, beta and gamma levels. <i>Journal of Biogeography</i> , 2019 , 46, 1699-1710	4.1	21
38	Untangling the assembly of macrophyte metacommunities by means of taxonomic, functional and phylogenetic beta diversity patterns. <i>Science of the Total Environment</i> , 2019 , 693, 133616	10.2	22
37	Is catchment geodiversity a useful surrogate of aquatic plant species richness?. <i>Journal of Biogeography</i> , 2019 , 46, 1711-1722	4.1	17
36	Accessibility analysis in evaluating exposure risk to an ecosystem disservice. <i>Applied Geography</i> , 2019 , 113, 102098	4.4	2
35	Catchment properties and the photosynthetic trait composition of freshwater plant communities. <i>Science</i> , 2019 , 366, 878-881	33.3	44
34	Knitting patterns of biodiversity, range size and body size in aquatic beetle faunas: significant relationships but slightly divergent drivers. <i>Ecological Entomology</i> , 2019 , 44, 413-424	2.1	6
33	Understanding environmental change through the lens of trait-based, functional, and phylogenetic biodiversity in freshwater ecosystems. <i>Environmental Reviews</i> , 2019 , 27, 263-273	4.5	31
32	Predicting beta diversity of terrestrial and aquatic beetles using ecogeographical variables: insights from the replacement and richness difference components. <i>Journal of Biogeography</i> , 2019 , 46, 304-315	4.1	30
31	The role of geodiversity in providing ecosystem services at broad scales. <i>Ecological Indicators</i> , 2018 , 91, 47-56	5.8	36
30	Regional and local determinants of macrophyte community compositions in high-latitude lakes of Finland. <i>Hydrobiologia</i> , 2018 , 812, 99-114	2.4	18
29	Global patterns in the metacommunity structuring of lake macrophytes: regional variations and driving factors. <i>Oecologia</i> , 2018 , 188, 1167-1182	2.9	36
28	Environmental Characteristics and Anthropogenic Impact Jointly Modify Aquatic Macrophyte Species Diversity. <i>Frontiers in Plant Science</i> , 2018 , 9, 1001	6.2	10
27	A comparative analysis reveals little evidence for niche conservatism in aquatic macrophytes among four areas on two continents. <i>Oikos</i> , 2017 , 126, 136-148	4	17
26	Global variation in the beta diversity of lake macrophytes is driven by environmental heterogeneity rather than latitude. <i>Journal of Biogeography</i> , 2017 , 44, 1758-1769	4.1	82
25	Integrating dispersal proxies in ecological and environmental research in the freshwater realm. <i>Environmental Reviews</i> , 2017 , 25, 334-349	4.5	55
24	Species richness and taxonomic distinctness of lake macrophytes along environmental gradients in two continents. <i>Freshwater Biology</i> , 2017 , 62, 1194-1206	3.1	13

23	Spatial relationship between biodiversity and geodiversity across a gradient of land-use intensity in high-latitude landscapes. <i>Landscape Ecology</i> , 2017 , 32, 1049-1063	4.3	25
22	Average niche breadths of species in lake macrophyte communities respond to ecological gradients variably in four regions on two continents. <i>Oecologia</i> , 2017 , 184, 219-235	2.9	12
21	Metacommunity ecology meets biogeography: effects of geographical region, spatial dynamics and environmental filtering on community structure in aquatic organisms. <i>Oecologia</i> , 2017 , 183, 121-137	2.9	74
20	Geography of global change and species richness in the North. <i>Environmental Reviews</i> , 2017 , 25, 184-192	4.5	21
19	Ecological determinants of Potamogeton taxa in glacial lakes: assemblage composition, species richness, and species-level approach. <i>Aquatic Sciences</i> , 2017 , 79, 427-441	2.5	5
18	Introducing accessibility analysis in mapping cultural ecosystem services. <i>Ecological Indicators</i> , 2016 , 66, 416-427	5.8	56
17	Quantifying the relative importance of natural variables, human disturbance and spatial processes in ecological status indicators of boreal lakes. <i>Ecological Indicators</i> , 2016 , 63, 240-248	5.8	18
16	Importance of spatial scale in structuring emergent lake vegetation across environmental gradients and scales: GIS-based approach. <i>Ecological Indicators</i> , 2016 , 60, 1164-1172	5.8	6
15	Phylogenetic diversity of regional beetle faunas at high latitudes: patterns, drivers and chance along ecological gradients. <i>Biodiversity and Conservation</i> , 2015 , 24, 2751-2767	3.4	22
14	Elements of regional beetle faunas: faunal variation and compositional breakpoints along climate, land cover and geographical gradients. <i>Journal of Animal Ecology</i> , 2015 , 84, 427-41	4.7	39
13	Species sorting drives variation of boreal lake and river macrophyte communities. <i>Community Ecology</i> , 2015 , 16, 76-85	1.2	18
12	A comparative analysis of metacommunity types in the freshwater realm. <i>Ecology and Evolution</i> , 2015 , 5, 1525-37	2.8	53
11	Geographic patterns of lake macrophyte communities and species richness at regional scale. <i>Journal of Vegetation Science</i> , 2015 , 26, 564-575	3.1	48
10	Variable response of functional macrophyte groups to lake characteristics, land use, and space: implications for bioassessment. <i>Hydrobiologia</i> , 2014 , 737, 201-214	2.4	33
9	Species sorting determines variation in the community composition of common and rare macrophytes at various spatial extents. <i>Ecological Complexity</i> , 2014 , 20, 61-68	2.6	40
8	Spatial extent, regional specificity and metacommunity structuring in lake macrophytes. <i>Journal of Biogeography</i> , 2013 , 40, 1572-1582	4.1	72
7	Environmental and spatial correlates of community composition, richness and status of boreal lake macrophytes. <i>Ecological Indicators</i> , 2013 , 32, 172-181	5.8	54
6	Response of macrophyte communities and status metrics to natural gradients and land use in boreal lakes. <i>Aquatic Botany</i> , 2012 , 103, 106-114	1.8	47

5	Climate change and the future distributions of aquatic macrophytes across boreal catchments. <i>Journal of Biogeography</i> , 2011 , 38, 383-393	4.1	60
4	Practical integration of river basin and land use planning: lessons learned from two Finnish case studies. <i>Geographical Journal</i> , 2010 , 176, 319-333	2.2	8
3	Defining the ecological status of small forest lakes using multiple biological quality elements and palaeolimnological analysis. <i>Fundamental and Applied Limnology</i> , 2009 , 175, 203-216	1.9	27
2	Historical contingency via priority effects counteracts environmental change on metacommunity dynamics across decades. <i>Limnology and Oceanography</i> ,	4.8	3
1	<i>Isoetes sabatina</i> (Isoetesaceae, Lycopodiopsida): Taxonomic distinctness and preliminary ecological insights. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> ,	2.6	0