

Aveliina Helm

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

5,261
citations

201674

27
h-index

168389

53
g-index

56
all docs

56
docs citations

56
times ranked

8405
citing authors

#	ARTICLE	IF	CITATIONS
1	Urgent need for updating the slogan of global climate actions from “tree planting” to “restore native vegetation”. <i>Restoration Ecology</i> , 2022, 30, e13594.	2.9	27
2	Beyond land cover: How integrated remote sensing and social media data analysis facilitates assessment of cultural ecosystem services. <i>Ecosystem Services</i> , 2022, 53, 101391.	5.4	19
3	EU Nature Restoration Law needs ambitious and binding targets. <i>Nature</i> , 2022, 601, 191-191.	27.8	0
4	Semi-natural habitats in the European boreal region: Caught in the socio-ecological extinction vortex?. <i>Ambio</i> , 2022, 51, 1753-1763.	5.5	7
5	Landscapes, management practices and their interactions shape soil fungal diversity in arable fields “Evidence from a nationwide farmers’ network”. <i>Soil Biology and Biochemistry</i> , 2022, 168, 108652.	8.8	7
6	EstSoil-EH: a high-resolution eco-hydrological modelling parameters dataset for Estonia. <i>Earth System Science Data</i> , 2021, 13, 83-97.	9.9	15
7	Little evidence of range size conservatism in freshwater plants across two continents. <i>Journal of Biogeography</i> , 2021, 48, 1200-1212.	3.0	4
8	Temperature and pH define the realised niche space of arbuscular mycorrhizal fungi. <i>New Phytologist</i> , 2021, 231, 763-776.	7.3	126
9	Traits as determinants of species abundance in a grassland community. <i>Journal of Vegetation Science</i> , 2021, 32, e13041.	2.2	8
10	Landscape genetic analysis suggests stronger effects of past than current landscape structure on genetic patterns of <i>Primula veris</i> . <i>Diversity and Distributions</i> , 2021, 27, 1648-1662.	4.1	5
11	Benchmarking plant diversity of Palaearctic grasslands and other open habitats. <i>Journal of Vegetation Science</i> , 2021, 32, e13050.	2.2	34
12	Phenotypic plasticity masks range-wide genetic differentiation for vegetative but not reproductive traits in a short-lived plant. <i>Ecology Letters</i> , 2021, 24, 2378-2393.	6.4	21
13	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.	8.0	7
14	Opposing community assembly patterns for dominant and nondominant plant species in herbaceous ecosystems globally. <i>Ecology and Evolution</i> , 2021, 11, 17744-17761.	1.9	8
15	Soil eutrophication shaped the composition of pollinator assemblages during the past century. <i>Ecography</i> , 2020, 43, 209-221.	4.5	26
16	TRY plant trait database “enhanced coverage and open access”. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,038
17	Landscape context and plant population size affect morph frequencies in heterostylous <i>Primula veris</i> “Results of a nationwide citizen-science campaign”. <i>Journal of Ecology</i> , 2020, 108, 2169-2183.	4.0	8
18	Global gene flow releases invasive plants from environmental constraints on genetic diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4218-4227.	7.1	108

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19	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.	4.0	28
20	Forest biomass, soil and biodiversity relationships originate from biogeographic affinity and direct ecological effects. <i>Oikos</i> , 2019, 128, 1653-1665.	2.7	16
21	Rapid plant colonization of the forelands of a vanishing glacier is strongly associated with species traits. <i>Arctic, Antarctic, and Alpine Research</i> , 2019, 51, 366-378.	1.1	12
22	Patterns of modern pollen and plant richness across northern Europe. <i>Journal of Ecology</i> , 2019, 107, 1662-1677.	4.0	40
23	Beyond the species pool: modification of species dispersal, establishment, and assembly by habitat restoration. <i>Restoration Ecology</i> , 2018, 26, S65.	2.9	45
24	Restoration of plant species and genetic diversity depends on landscape-scale dispersal. <i>Restoration Ecology</i> , 2018, 26, S92.	2.9	62
25	Trait assembly in grasslands depends on habitat history and spatial scale. <i>Oecologia</i> , 2017, 184, 1-12.	2.0	21
26	Plant mycorrhizal status, but not type, shifts with latitude and elevation in Europe. <i>Global Ecology and Biogeography</i> , 2017, 26, 690-699.	5.8	84
27	Ecological theory provides strong support for habitat restoration. <i>Biological Conservation</i> , 2017, 206, 85-91.	4.1	64
28	Diversity of lichens and bryophytes in hybrid aspen plantations in Estonia depends on landscape structure. <i>Canadian Journal of Forest Research</i> , 2017, 47, 1202-1214.	1.7	19
29	Do Landscape Dissimilarity and Environmental Factors Affect Genetic and Phenotypic Variability in <i>Myosotis laxa</i> s. lato (Boraginaceae)? <i>Annales Botanici Fennici</i> , 2016, 53, 56-66.	0.1	0
30	Hybrid ecosystems can contribute to local biodiversity conservation. <i>Biodiversity and Conservation</i> , 2016, 25, 3023-3041.	2.6	8
31	Ground-Dwelling Spider Fauna of Flooded Meadows in Matsalu, Estonia. <i>Wetlands</i> , 2016, 36, 525-537.	1.5	8
32	Habitat restoration requires landscape-scale planning. <i>Applied Vegetation Science</i> , 2015, 18, 177-178.	1.9	7
33	Dark diversity in dry calcareous grasslands is determined by dispersal ability and stress-tolerance. <i>Ecography</i> , 2015, 38, 713-721.	4.5	57
34	Characteristic and derived diversity: implementing the species pool concept to quantify conservation condition of habitats. <i>Diversity and Distributions</i> , 2015, 21, 711-721.	4.1	52
35	Assessing coexisting plant extinction debt and colonization credit in a grassland-forest change gradient. <i>Oecologia</i> , 2015, 179, 823-834.	2.0	28
36	Harnessing the biodiversity value of Central and Eastern European farmland. <i>Diversity and Distributions</i> , 2015, 21, 722-730.	4.1	172

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37	Determinants of fine-scale plant diversity in dry calcareous grasslands within the Baltic Sea region. <i>Agriculture, Ecosystems and Environment</i> , 2014, 182, 59-68.	5.3	29
38	Vegetation patterns and their underlying processes: where are we now?. <i>Journal of Vegetation Science</i> , 2014, 25, 1113-1116.	2.2	4
39	Extinction debt in a common grassland species: immediate and delayed responses of plant and population fitness. <i>Plant Ecology</i> , 2013, 214, 953-963.	1.6	13
40	Predicting invasion in grassland ecosystems: is exotic dominance the real embarrassment of richness?. <i>Global Change Biology</i> , 2013, 19, 3677-3687.	9.5	70
41	Landscape- and small-scale determinants of grassland species diversity: direct and indirect influences. <i>Ecography</i> , 2012, 35, 944-951.	4.5	52
42	Which plant traits predict species loss in calcareous grasslands with extinction debt?. <i>Diversity and Distributions</i> , 2012, 18, 808-817.	4.1	94
43	Traits related to species persistence and dispersal explain changes in plant communities subjected to habitat loss. <i>Diversity and Distributions</i> , 2012, 18, 898-908.	4.1	70
44	Invasions: the trail behind, the path ahead, and a test of a disturbing idea. <i>Journal of Ecology</i> , 2012, 100, 116-127.	4.0	180
45	Effect of habitat area and isolation on plant trait distribution in European forests and grasslands. <i>Ecography</i> , 2012, 35, 356-363.	4.5	78
46	Habitat fragmentation causes immediate and time-delayed biodiversity loss at different trophic levels. <i>Ecology Letters</i> , 2010, 13, 597-605.	6.4	620
47	Indirect evidence for an extinction debt of grassland butterflies half century after habitat loss. <i>Biological Conservation</i> , 2010, 143, 1405-1413.	4.1	89
48	Human influence lowers plant genetic diversity in communities with extinction debt. <i>Journal of Ecology</i> , 2009, 97, 1329-1336.	4.0	67
49	Extinction debt: a challenge for biodiversity conservation. <i>Trends in Ecology and Evolution</i> , 2009, 24, 564-571.	8.7	1,053
50	Grassland diversity related to the Late Iron Age human population density. <i>Journal of Ecology</i> , 2007, 95, 574-582.	4.0	95
51	Invasion of woody species into temperate grasslands: Relationship with abiotic and biotic soil resource heterogeneity. <i>Journal of Vegetation Science</i> , 2007, 18, 63-70.	2.2	36
52	Invasion of woody species into temperate grasslands: Relationship with abiotic and biotic soil resource heterogeneity. <i>Journal of Vegetation Science</i> , 2007, 18, 63.	2.2	2
53	Threatened Alvar Grasslands in NW Russia and their Relationship to Alvares in Estonia. <i>Biodiversity and Conservation</i> , 2006, 15, 1797-1809.	2.6	14
54	Slow response of plant species richness to habitat loss and fragmentation. <i>Ecology Letters</i> , 2005, 9, 051109031307003.	6.4	437

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55	Conservation of Northern European plant diversity: the correspondence with soil pH. Biological Conservation, 2004, 120, 525-531.	4.1	64