John-Arvid Grytnes

List of Publications by Year
in descending order

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70 papers	7,290 citations	147801 31 h-index	102487 66 g-index
72 all docs	72 docs citations	72 times ranked	10895 citing authors

#	Article	IF	Citations
1	The European Forest Plant Species List (EuForPlant): Concept and applications. Journal of Vegetation Science, 2022, 33, .	2.2	23
2	Testing the METUX Model in Higher Education: Interface and Task Needâ€“Satisfaction Predict Engagement, Learning, and Well-Being. Frontiers in Psychology, 2021, 12, 631564.	2.1	10
3	Fineâ€grain beta diversity of Palaearctic grassland vegetation. Journal of Vegetation Science, 2021, 32, e13045.	2.2	18
4	Scale dependence of speciesâ€“area relationships is widespread but generally weak in Palaearctic grasslands. Journal of Vegetation Science, 2021, 32, e13044.	2.2	8
5	sPlotOpen â€“ An environmentally balanced, openâ€access, global dataset of vegetation plots. Global Ecology and Biogeography, 2021, 30, 1740-1764.	5.8	49
6	Traitâ€based responses to land use and canopy dynamics modify longâ€term diversity changes in forest understories. Global Ecology and Biogeography, 2021, 30, 1863-1875.	5.8	7
7	Benchmarking plant diversity of Palaearctic grasslands and other open habitats. Journal of Vegetation Science, 2021, 32, e13050.	2.2	34
8	Speciesâ€“area relationships in continuous vegetation: Evidence from Palaearctic grasslands. Journal of Biogeography, 2020, 47, 72-86.	3.0	42
9	The effects of a goal-framing and need-supportive app on undergraduates' intentions, effort, and achievement in mobile science learning. Computers and Education, 2020, 159, 104022.	8.3	14
10	Using Red List species in designating protection status to forest areas: a case study on the problem of spatio-temporal dynamics. Biodiversity and Conservation, 2020, 29, 3429-3443.	2.6	3
11	The effects of mâ€learning on motivation, achievement and wellâ€being: A Selfâ€Determination Theory approach. British Journal of Educational Technology, 2019, 50, 669-683.	6.3	70
12	Testing the novelty effect of an m-learning tool on internalization and achievement: A Self-Determination Theory approach. Computers and Education, 2019, 128, 398-413.	8.3	95
13	Weighted average regression and environmental calibration as a tool for quantifying climate-driven changes in vegetation. Journal of Plant Ecology, 2019, 12, 460-473.	2.3	0
14	GrassPlot v. 2.00 â€“ first update on the database of multi-scale plant diversity in Palaearctic grasslands. , 2019, , 26-47.		15
15	Downhill shift of alpine plant assemblages under contemporary climate and landâ€use changes. Ecosphere, 2018, 9, e02084.	2.2	20
16	Accelerated increase in plant species richness on mountain summits is linked to warming. Nature, 2018, 556, 231-234.	27.8	580
17	Scale sensitivity of the relationship between alpha and gamma diversity along an alpine elevation gradient in central Nepal. Journal of Biogeography, 2018, 45, 804-814.	3.0	34
18	An intercontinental comparison of niche conservatism along a temperature gradient. Journal of Biogeography, 2018, 45, 1104-1113.	3.0	11

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19	Effects of grazing abandonment and climate change on mountain summits flora: a case study in the Tatra Mts. Plant Ecology, 2018, 219, 261-276.	1.6	16
20	Plant species composition shifts in the Tatra Mts as a response to environmental change: a resurvey study after 90 years. Folia Geobotanica, 2018, 53, 333-348.	0.9	25
21	Changing contributions of stochastic and deterministic processes in community assembly over a successional gradient. Ecology, 2018, 99, 148-157.	3.2	66
22	Are diversity trends in western Scandinavia influenced by postâ€glacial dispersal limitation?. Journal of Vegetation Science, 2018, 29, 360-370.	2.2	14
23	Resurvey of historical vegetation plots: a tool for understanding longâ€term dynamics of plant communities. Applied Vegetation Science, 2017, 20, 161-163.	1.9	48
24	The effect of a mobile-application tool on biology students' motivation and achievement in species identification: A Self-Determination Theory perspective. Computers and Education, 2017, 107, 1-12.	8.3	88
25	Large climate change, large effect? Vegetation changes over the past century in the European High Arctic. Applied Vegetation Science, 2017, 20, 204-214.	1.9	16
26	Resurveying historical vegetation data â€“ opportunities and challenges. Applied Vegetation Science, 2017, 20, 164-171.	1.9	136
27	Topographyâ€driven isolation, speciation and a global increase of endemism with elevation. Global Ecology and Biogeography, 2016, 25, 1097-1107.	5.8	243
28	Rarefaction and elevational richness pattern: a case study in a high tropical island (New Caledonia,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.2	6
29	Species trait selection along a prescribed fire chronosequence. Insect Conservation and Diversity, 2016, 9, 446-455.	3.0	21
30	Do composition and richness of woody plants vary between gaps and closed canopy patches in subtropical forests?. Journal of Vegetation Science, 2016, 27, 1129-1139.	2.2	15
31	Modern pollenâ€“plant richness and diversity relationships exist along a vegetational gradient in southern Norway. Holocene, 2016, 26, 163-175.	1.7	75
32	Does pollen-assemblage richness reflect floristic richness? A review of recent developments and future challenges. Review of Palaeobotany and Palynology, 2016, 228, 1-25.	1.5	152
33	Disjunct populations of <scp>E</scp>uropean vascular plant species keep the same climatic niches. Global Ecology and Biogeography, 2015, 24, 1401-1412.	5.8	39
34	Diver-operated suction sampling in Norwegian cobble grounds: technique and associated fauna. Crustaceana, 2015, 88, 184-202.	0.3	4
35	Effects of prescribed burning on carabid beetle diversity in coastal anthropogenic heathlands. Biodiversity and Conservation, 2015, 24, 2565-2581.	2.6	27
36	Stability of alpine vegetation over 50 years in central Norway. Folia Geobotanica, 2015, 50, 39-48.	0.9	6

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37	Is palaeoecology a â€˜special branchâ€™ of ecology?. Holocene, 2015, 25, 17-24.	1.7	5
38	Diversity patterns in a diversity hotspot. Applied Vegetation Science, 2014, 17, 381-383.	1.9	3
39	The relationship between vegetation composition, vegetation zones and modern pollen assemblages in Setesdal, southern Norway. Holocene, 2014, 24, 985-1001.	1.7	29
40	Identifying the driving factors behind observed elevational range shifts on <scp>E</scp>uropean mountains. Global Ecology and Biogeography, 2014, 23, 876-884.	5.8	110
41	Invertebrate communities inhabiting nests of migrating passerine, wild fowl and sea birds breeding in the High Arctic, Svalbard. Polar Biology, 2014, 37, 981-998.	1.2	18
42	Conservation of epiphytes: Single large or several small host trees?. Biological Conservation, 2013, 168, 144-151.	4.1	20
43	Productivityâ€“diversity patterns in arctic tundra vegetation. Ecography, 2013, 36, 331-341.	4.5	19
44	Elevational Trends in Biodiversity. , 2013, , 149-154.		11
45	Long-term vegetation stability in northern Europe as assessed by changes in species co-occurrences. Plant Ecology and Diversity, 2013, 6, 289-302.	2.4	11
46	The role of biotic interactions in shaping distributions and realised assemblages of species: implications for species distribution modelling. Biological Reviews, 2013, 88, 15-30.	10.4	1,224
47	Altitudinal species richness patterns of vascular plants in the south-eastern Pyrenees and nearby mountains of Catalonia. Plant Ecology and Diversity, 2012, 5, 115-126.	2.4	11
48	Upward shift in elevational plant species ranges in Sikkilsdalen, central Norway. Ecography, 2012, 35, 922-932.	4.5	85
49	Are fossil assemblages in a single sediment core from a small lake representative of total deposition of mite, chironomid, and plant macrofossil remains?. Journal of Paleolimnology, 2012, 48, 669-691.	1.6	30
50	The bird ectoparasite Dermanyssus hirundinis (Acari, Mesostigmata) in the High Arctic; a new parasitic mite to Spitsbergen, Svalbard. Acta Parasitologica, 2012, 57, 378-84.	1.1	9
51	Different evolutionary histories underlie congruent species richness gradients of birds and mammals. Journal of Biogeography, 2012, 39, 825-841.	3.0	84
52	Fineâ€scale distribution and abundance of epiphytic lichens: environmental filtering or local dispersal dynamics?. Journal of Vegetation Science, 2012, 23, 459-470.	2.2	27
53	Changes in arctic vegetation on <scp>J</scp>an <scp>M</scp>ayen <scp>I</scp>sland over 19 and 80Âyears. Journal of Vegetation Science, 2012, 23, 771-781.	2.2	23
54	Dispersal ability links to crossâ€scale species diversity patterns across the Eurasian Arctic tundra. Global Ecology and Biogeography, 2012, 21, 851-860.	5.8	41

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55	21st century climate change threatens mountain flora unequally across Europe. Global Change Biology, 2011, 17, 2330-2341.	9.5	478
56	Invasion of Norway spruce diversifies the fire regime in boreal European forests. Journal of Ecology, 2011, 99, 395-403.	4.0	30
57	Fine-scale changes in vegetation composition in a boreal mire over 50â€ƒyears. Journal of Ecology, 2011, 99, 1179-1189.	4.0	57
58	Niche conservatism as an emerging principle in ecology and conservation biology. Ecology Letters, 2010, 13, 1310-1324.	6.4	1,387
59	Recent vegetation changes at the highâ€latitude tree line ecotone are controlled by geomorphological disturbance, productivity and diversity. Global Ecology and Biogeography, 2010, 19, 810-821.	5.8	118
60	Alpine vegetation and species-richness patterns along two altitudinal gradients in the Gyama Valley, south-central Tibet, China. Plant Ecology and Diversity, 2010, 3, 235-247.	2.4	9
61	The importance of host tree age, size and growth rate as determinants of epiphytic lichen diversity in boreal spruce forests. Biodiversity and Conservation, 2009, 18, 3579-3596.	2.6	91
62	The relative importance of positive and negative interactions for pollinator attraction in a plant community. Ecological Research, 2009, 24, 929-936.	1.5	52
63	Using Museum Collections to Estimate Diversity Patterns along Geographical Gradients. Folia Geobotanica, 2008, 43, 357-369.	0.9	24
64	The midâ€domain effect matters: simulation analyses of rangeâ€size distribution data from Mount Kinabalu, Borneo. Journal of Biogeography, 2008, 35, 2138-2147.	3.0	32
65	Elevational Trends in Biodiversity. , 2007, , 1-8.		61
66	An indirect area effect on elevational species richness patterns. Ecography, 2007, 30, 440-448.	4.5	92
67	A comparison of altitudinal species richness patterns of bryophytes with other plant groups in Nepal, Central Himalaya. Journal of Biogeography, 2007, 34, 1907-1915.	3.0	157
68	Palaeolimnological evidence for recent climatic change in lakes from the northern Urals, arctic Russia. Journal of Paleolimnology, 2005, 33, 463-482.	1.6	79
69	Distribution of vascular plant species richness and endemic richness along the Himalayan elevation gradient in Nepal. Global Ecology and Biogeography, 2002, 11, 291-301.	5.8	332
70	Title is missing!. Journal of Paleolimnology, 2002, 28, 161-179.	1.6	169