Monique M P D Heijmans

List of Publications by Year
in descending order

28	1,915	331670 21	526287 27
papers	citations	h-index	g-index

35	35	35	3618
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tundra vegetation change and impacts on permafrost. Nature Reviews Earth & Environment, 2022, 3, 68-84.	29.7	87
2	Extremely wet summer events enhance permafrost thaw for multiple years in Siberian tundra. Nature Communications, 2022, 13, 1556.	12.8	24
3	Rapid Vegetation Succession and Coupled Permafrost Dynamics in Arctic Thaw Ponds in the Siberian Lowland Tundra. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2019JG005618.	3.0	20
4	Plant trait response of tundra shrubs to permafrost thaw and nutrient addition. Biogeosciences, 2020, 17, 4981-4998.	3.3	6
5	Tundra Trait Team: A database of plant traits spanning the tundra biome. Global Ecology and Biogeography, 2018, 27, 1402-1411.	5.8	57
6	Plant functional trait change across a warming tundra biome. Nature, 2018, 562, 57-62.	27.8	451
7	Thaw pond development and initial vegetation succession in experimental plots at a Siberian lowland tundra site. Plant and Soil, 2017, 420, 147-162.	3.7	19
8	Background invertebrate herbivory on dwarf birch (Betula glandulosa-nana complex) increases with temperature and precipitation across the tundra biome. Polar Biology, 2017, 40, 2265-2278.	1.2	47
9	Potential Arctic tundra vegetation shifts in response to changing temperature, precipitation and permafrost thaw. Biogeosciences, 2016, 13, 6229-6245.	3.3	40
10	Contrasting radiation and soil heat fluxes in Arctic shrub and wet sedge tundra. Biogeosciences, 2016, 13, 4049-4064.	3.3	33
11	The role of summer precipitation and summer temperature in establishment and growth of dwarf shrub Betula nana in northeast Siberian tundra. Polar Biology, 2016, 39, 1245-1255.	1.2	24
12	Seasonal changes and vertical distribution of root standing biomass of graminoids and shrubs at a Siberian tundra site. Plant and Soil, 2016, 407, 55-65.	3.7	49
13	Permafrost collapse after shrub removal shifts tundra ecosystem to a methane source. Nature Climate Change, 2015, 5, 67-70.	18.8	147
14	Persistent versus transient tree encroachment of temperate peat bogs: effects of climate warming and drought events. Global Change Biology, 2013, 19, 2240-2250.	9.5	70
15	The response of Arctic vegetation to the summer climate: relation between shrub cover, NDVI, surface albedo and temperature. Environmental Research Letters, 2011, 6, 035502.	5.2	126
16	Field Simulation of Global Change: Transplanting Northern Bog Mesocosms Southward. Ecosystems, 2010, 13, 712-726.	3.4	47
17	Photosynthetic performance in Sphagnum transplanted along a latitudinal nitrogen deposition gradient. Oecologia, 2009, 159, 705-715.	2.0	68
18	Response of Sphagnum species mixtures to increased temperature and nitrogen availability. Plant Ecology, 2009, 204, 97-111.	1.6	43

#	Article	IF	Citations
19	Dwarf shrubs are stronger competitors than graminoid species at high nutrient supply in peat bogs. Plant Ecology, 2009, 204, 125-134.	1.6	20
20	The effect of temperature on growth and competition between Sphagnum species. Oecologia, 2008, 156, 155-167.	2.0	94
21	Effectiveness of Turf Stripping as a Measure for Restoring Speciesâ€Rich Fen Meadows in Suboptimal Hydrological Conditions. Restoration Ecology, 2007, 15, 627-637.	2.9	6
22	The Nitrogen Cycle in Boreal Peatlands. , 2006, , 195-230.		69
23	Controls on moss evaporation in a boreal black spruce forest. Global Biogeochemical Cycles, 2004, 18, n/a-n/a.	4.9	57
24	Effects of Increased Nitrogen Deposition on the Distribution of 15N-labeled Nitrogen between Sphagnum and Vascular Plants. Ecosystems, 2002, 5, 500-508.	3.4	57
25	Competition between Sphagnum magellanicum and Eriophorum angustifolium as affected by raised CO2 and increased N deposition. Oikos, 2002, 97, 415-425.	2.7	52
26	Response of a Sphagnum bog plant community to elevated CO2 and N supply. Plant Ecology, 2002, 162, 123-134.	1.6	37
27	Effects of elevated CO 2 and vascular plants on evapotranspiration in bog vegetation. Global Change Biology, 2001, 7, 817-827.	9.5	44
28	Effects of elevated carbon dioxide and increased nitrogen deposition on bog vegetation in the Netherlands. Journal of Ecology, 2001, 89, 268-279.	4.0	115