

Edgar Karofeld

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,641
citations

331670

21
h-index

501196

28
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all docs

28
docs citations

28
times ranked

2021
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental drivers of <i>Sphagnum</i> growth in peatlands across the Holarctic region. <i>Journal of Ecology</i> , 2021, 109, 417-431.	4.0	32
2	Growth characteristics of three <i>Sphagnum</i> species in restored extracted peatland. <i>Restoration Ecology</i> , 2020, 28, 1574-1583.	2.9	6
3	Widespread drying of European peatlands in recent centuries. <i>Nature Geoscience</i> , 2019, 12, 922-928.	12.9	130
4	Application of oil-shale ash and straw mulch promotes the revegetation of extracted peatlands. <i>Ecological Engineering</i> , 2018, 110, 99-106.	3.6	5
5	Environmental and taxonomic controls of carbon and oxygen stable isotope composition in <i>Sphagnum</i> across broad climatic and geographic ranges. <i>Biogeosciences</i> , 2018, 15, 5189-5202.	3.3	25
6	Latitudinal limits to the predicted increase of the peatland carbon sink with warming. <i>Nature Climate Change</i> , 2018, 8, 907-913.	18.8	188
7	On the after-use and restoration of abandoned extracted peatlands in the Baltic countries. <i>Restoration Ecology</i> , 2017, 25, 293-300.	2.9	20
8	Impact of water table level on annual carbon and greenhouse gas balances of a restored peat extraction area. <i>Biogeosciences</i> , 2016, 13, 2637-2651.	3.3	54
9	Factors affecting re-vegetation dynamics of experimentally restored extracted peatland in Estonia. <i>Environmental Science and Pollution Research</i> , 2016, 23, 13706-13717.	5.3	30
10	How Does Tree Density Affect Water Loss of Peatlands? A Mesocosm Experiment. <i>PLoS ONE</i> , 2014, 9, e91748.	2.5	23
11	Drastic Turnover of Bryophyte Vegetation on Bog Microforms Initiated by Air Pollution in Northeastern Estonia and Bordering Russia. <i>Wetlands</i> , 2014, 34, 1097-1108.	1.5	5
12	Microtopography and the Properties of Residual Peat Are Convenient Indicators for Restoration Planning of Abandoned Extracted Peatlands. <i>Restoration Ecology</i> , 2014, 22, 31-39.	2.9	44
13	Spatio-temporal changes in bog pool bottom topography - temperature effect and its influence on pool development: an example from a raised bog in Estonia. <i>Hydrological Processes</i> , 2014, 28, 958-968.	2.6	10
14	Actinobacteria community structure in the peat profile of boreal bogs follows a variation in the microtopographical gradient similar to vegetation. <i>Plant and Soil</i> , 2013, 369, 103-114.	3.7	22
15	Climate-related changes in peatland carbon accumulation during the last millennium. <i>Biogeosciences</i> , 2013, 10, 929-944.	3.3	257
16	Reconstructing peatland water tables using transfer functions for plant macrofossils and testate amoebae: A methodological comparison. <i>Quaternary International</i> , 2012, 268, 34-43.	1.5	58
17	Initiation of microtopography in revegetated cutover peatlands: evolution of plant species composition. <i>Applied Vegetation Science</i> , 2012, 15, 369-382.	1.9	29
18	Initiation of <i>Sphagnum</i> moss hummocks in bogs and the presence of vascular plants: Is there a link?. <i>Acta Oecologica</i> , 2011, 37, 346-354.	1.1	48

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19	Initiation of microtopography in revegetated cutover peatlands. <i>Applied Vegetation Science</i> , 2011, 14, 158-171.	1.9	45
20	Bog Recovery in Northeastern Estonia after the Reduction of Atmospheric Pollutant Input. <i>Restoration Ecology</i> , 2010, 18, 387-400.	2.9	21
21	Climate drivers for peatland palaeoclimate records. <i>Quaternary Science Reviews</i> , 2009, 28, 1811-1819.	3.0	146
22	Peat multi-proxy data from MÄnnikjÄrve bog as indicators of late Holocene climate changes in Estonia. <i>Boreas</i> , 2007, 36, 20-37.	2.4	38
23	Peat multi-proxy data from MÄnnikjÄrve bog as indicators of late Holocene climate changes in Estonia. <i>Boreas</i> , 2007, 36, 20-37.	2.4	104
24	Distribution and development of necrotic Sphagnum patches in two Estonian raised bogs. <i>Folia Geobotanica</i> , 2005, 40, 357-366.	0.9	5
25	Mud-bottom hollows: exceptional features in carbon-accumulating bogs?. <i>Holocene</i> , 2004, 14, 119-124.	1.7	15
26	Testing the relationship between Holocene peatland palaeoclimate reconstructions and instrumental data at two European sites. <i>Quaternary Science Reviews</i> , 2004, 23, 137-143.	3.0	105
27	CH ₄ emission from a hollow-ridge complex in a raised bog: The role of CH ₄ production and oxidation. <i>Biogeochemistry</i> , 2000, 51, 91-112.	3.5	142
28	The dynamics of the formation and development of hollows in raised bogs in Estonia. <i>Holocene</i> , 1998, 8, 697-704.	1.7	34