GuÃ°rÃ°n GÃ-sladÃ³ttir

List of Publications by Year
in descending order

50 papers	1,271 citations	394421 19 h-index	377865 34 g-index
52 all docs	52 docs citations	52 times ranked	1404 citing authors

#	Article	IF	Citations
1	Land degradation control and its global environmental benefits. Land Degradation and Development, 2005, 16, 99-112.	3.9	190
2	Public perception of flood hazard and flood risk in Iceland: a case study in a watershed prone to ice-jam floods. Natural Hazards, 2011, 58, 269-287.	3.4	106
3	People living under threat of volcanic hazard in southern Iceland: vulnerability and risk perception. Natural Hazards and Earth System Sciences, 2010, 10, 407-420.	3.6	82
4	Different communities, different perspectives: issues affecting residentsâ€™ response to a volcanic eruption in southern Iceland. Bulletin of Volcanology, 2011, 73, 1209-1227.	3.0	71
5	Resident perception of volcanic hazards and evacuation procedures. Natural Hazards and Earth System Sciences, 2009, 9, 251-266.	3.6	61
6	Erosional Effects on Terrestrial Resources over the last Millennium in Reykjanes, Southwest Iceland. Quaternary Research, 2010, 73, 20-32.	1.7	57
7	An ecosystem approach to assess soil quality in organically and conventionally managed farms in Iceland and Austria. Soil, 2015, 1, 83-101.	4.9	50
8	Early stage development of selected soil properties along the proglacial moraines of SkaftafellsjÃ¶kull glacier, SE-Iceland. Catena, 2014, 121, 142-150.	5.0	47
9	Soil carbon accretion along an age chronosequence formed by the retreat of the SkaftafellsjÃ¶kull glacier, SE-Iceland. Geomorphology, 2015, 228, 124-133.	2.6	42
10	Residents' attitudes and behaviour before and after the 2010 EyjafjallajÃ¶kull eruptionsâ€”a case study from southern Iceland. Bulletin of Volcanology, 2012, 74, 1263-1279.	3.0	40
11	Climate change and human impact in a sensitive ecosystem: the Holocene environment of the Northwest Icelandic highland margin. Boreas, 2016, 45, 715-728.	2.4	37
12	The effect of landscape and retreating glaciers on wind erosion in South Iceland. Land Degradation and Development, 2005, 16, 177-187.	3.9	31
13	Sorption of organic carbon compounds to the fine fraction of surface and subsurface soils. Geoderma, 2014, 213, 79-86.	5.1	31
14	Life on the periphery is tough: Vegetation in Northwest Iceland and its responses to early-Holocene warmth and later climate fluctuations. Holocene, 2015, 25, 1437-1453.	1.7	31
15	Between ice and ocean; soil development along an age chronosequence formed by the retreating BreiÃ°amerkurjÃ¶kull glacier, SE-Iceland. Geoderma, 2015, 259-260, 310-320.	5.1	24
16	Land degradation in northeastern Iceland: present and past carbon fluxes. Land Degradation and Development, 2006, 17, 401-417.	3.9	22
17	Shoreline erosion and aeolian deposition along a recently formed hydro-electric reservoir, BlÃ¶ndulÃ³n, Iceland. Geomorphology, 2010, 114, 542-555.	2.6	22
18	Soil evidence for historical human-induced land degradation in West Iceland. Applied Geochemistry, 2011, 26, S28-S31.	3.0	21

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19	Landscape Change, Land Use, and Occupation Patterns Inferred from Two Palaeoenvironmental Datasets from the Mosfell Valley, SW Iceland. Cursor Mundi, 2014, , 181-192.	0.0	21
20	Effects of the Hekla 4 tephra on vegetation in Northwest Iceland. Vegetation History and Archaeobotany, 2017, 26, 389-402.	2.1	21
21	Landscape change in the Icelandic highland: A long-term record of the impacts of land use, climate and volcanism. Quaternary Science Reviews, 2020, 240, 106363.	3.0	21
22	Ancient sedimentary DNA shows rapid post-glacial colonisation of Iceland followed by relatively stable vegetation until the Norse settlement (LandnÃ¡m) AD 870. Quaternary Science Reviews, 2021, 259, 106903.	3.0	21
23	Hekla Volcano, Iceland, in the 20th Century: Lava Volumes, Production Rates, and Effusion Rates. Geophysical Research Letters, 2018, 45, 1805-1813.	4.0	19
24	Holocene environmental change and development of the nutrient budget of histosols in North Iceland. Plant and Soil, 2017, 418, 437-457.	3.7	16
25	Cereal cultivation as a correlate of high social status in medieval Iceland. Vegetation History and Archaeobotany, 2018, 27, 679-696.	2.1	16
26	The weathering of volcanic tephra and how they impact histosol development. An example from South East Iceland. Catena, 2019, 172, 634-646.	5.0	15
27	Enhancing touristsâ€™ safety in volcanic areas: An investigation of risk communication initiatives in Iceland. International Journal of Disaster Risk Reduction, 2020, 50, 101896.	3.9	14
28	Soil Aggregate Stability in Different Soil Orders Quantified by Low Dispersive Ultrasonic Energy Levels. Soil Science Society of America Journal, 2014, 78, 713-723.	2.2	13
29	Decline of Birch Woodland Cover in ÃžjÃ³rsÃ¡rdalur Iceland from 1587 to 1938. Human Ecology, 2014, 42, 577-590.	1.4	11
30	Impacts of climate, tephra and land use upon Holocene landscape stability in Northwest Iceland. Geomorphology, 2018, 322, 117-131.	2.6	11
31	Weathering of tephra and the formation of pedogenic minerals in young Andosols, South East Iceland. Catena, 2021, 198, 105030.	5.0	11
32	Coping with storm surges on the Icelandic south coast: A case study of the Stokkseyri village. Ocean and Coastal Management, 2014, 94, 44-55.	4.4	10
33	The feedback between climate and weathering. Mineralogical Magazine, 2008, 72, 317-320.	1.4	9
34	Pollen, Plague & Protestants: The Medieval Monastery of Ãžingeyrar (Ãžingeyraklaustur) in Northern Iceland. Environmental Archaeology, 2022, 27, 193-210.	1.2	9
35	An Icelandic terrestrial record of North Atlantic cooling c. 8800â€“8100 cal. yr BP. Quaternary Science Reviews, 2018, 197, 246-256.	3.0	9
36	Early indicators of soil formation in the Icelandic sub-arctic highlands. Geoderma, 2019, 337, 152-163.	5.1	9

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37	Inundation extent as a key parameter for assessing the magnitude and return period of flooding events in southern Iceland. Hydrological Sciences Journal, 2010, 55, 704-716.	2.6	7
38	Energy return on investment of Austrian sugar beet: A small-scale comparison between organic and conventional production. Biomass and Bioenergy, 2015, 75, 267-271.	5.7	7
39	Soil food web assembly and vegetation development in a glacial chronosequence in Iceland. Pedobiologia, 2018, 70, 12-21.	1.2	6
40	Tephra deposits and carbon dynamics in peatlands of a volcanic region: Lessons from the Hekla 4 eruption. Land Degradation and Development, 2021, 32, 654-669.	3.9	6
41	The contribution of tephra constituents during biogenic silica determination: implications for soil and palaeoecological studies. Biogeosciences, 2015, 12, 3789-3804.	3.3	5
42	A chronosequence approach to estimate the regional soil organic carbon stock on moraines of two glacial fore-fields in SE-Iceland. Geografiska Annaler, Series A: Physical Geography, 2017, 99, 207-221.	1.5	4
43	Andic Soil Properties and Tephra Layers Hamper C Turnover in Icelandic Peatlands. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2021JG006433.	3.0	4
44	Si Precipitation During Weathering in Different Icelandic Andosols. Procedia Earth and Planetary Science, 2014, 10, 260-265.	0.6	3
45	LandnÃ¡m, Land Use and Landscape Change at KagaÃ°arhÃ³ll in Northwest Iceland. Environmental Archaeology, 0, , 1-17.	1.2	3
46	The vegetation and land use histories of two farms in Iceland: settlement, monasticism, and tenancy. Vegetation History and Archaeobotany, 2022, 31, 395-414.	2.1	3
47	What can we learn from previous generations? Ã‰ftaver's experience of the 1918 Katla eruption. Jokull, 2021, 71, 71-90.	0.1	1
48	The roles of agriculture and climate in land degradation in southeast Iceland AD 1700â€“1900. Geografiska Annaler, Series A: Physical Geography, 2021, 103, 132-150.	1.5	0
49	Soil chemical properties in glacial moraines across a chronosequence influenced by avifauna and volcanic materials: BreiÃ°amerkurjÃ¶kull, Iceland. Catena, 2022, 209, 105836.	5.0	0
50	The impact of environmental factors on early stage Andosol development south of VatnajÃ¶kull, Iceland. European Journal of Soil Science, 2022, 73, .	3.9	0