

# Throstur Thorsteinsson

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,682  
citations

331259

21  
h-index

301761

39  
g-index

48  
all docs

48  
docs citations

48  
times ranked

2355  
citing authors

#	ARTICLE	IF	CITATIONS
1	Medication use in populations exposed to the 2010 Eyjafjallajökull eruption: an interrupted time series analysis. <i>BMJ Open</i> , 2022, 12, e059375.	0.8	0
2	Increased respiratory morbidity associated with exposure to a mature volcanic plume from a large Icelandic fissure eruption. <i>Nature Communications</i> , 2021, 12, 2161.	5.8	16
3	Mitigation of Suspensible Road Dust in a Subpolar, Oceanic Climate. <i>Sustainability</i> , 2021, 13, 9607.	1.6	9
4	Spatial distribution of residential wood combustion emissions in the Nordic countries: How well national inventories represent local emissions?. <i>Atmospheric Environment</i> , 2021, 264, 118712.	1.9	18
5	Protect Me from What I Want: Understanding Excessive Polluting Behavior and the Willingness to Act. <i>Sustainability</i> , 2020, 12, 5867.	1.6	2
6	Participatory Approach to Gap Analysis between Policy and Practice Regarding Air Pollution in Ger Areas of Ulaanbaatar, Mongolia. <i>Sustainability</i> , 2020, 12, 3309.	1.6	5
7	Properties of dust source material and volcanic ash in Iceland. <i>Sedimentology</i> , 2020, 67, 3067-3087.	1.6	16
8	Influence of Weather Conditions on Particulate Matter Suspension following the 2010 Eyjafjallajökull Volcanic Eruption. <i>Earth Interactions</i> , 2020, 24, 1-16.	0.7	4
9	Repeated extreme particulate matter episodes due to fireworks in Iceland and stakeholders' response. <i>Journal of Cleaner Production</i> , 2019, 236, 117511.	4.6	14
10	The effects of volcanic eruptions on the frequency of particulate matter suspension events in Iceland. <i>Journal of Aerosol Science</i> , 2019, 128, 99-113.	1.8	31
11	Interactions between the atmosphere, cryosphere, and ecosystems at northern high latitudes. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 2015-2061.	1.9	42
12	Accessibility of protected areas and visitor behaviour: A case study from Iceland. <i>Journal of Outdoor Recreation and Tourism</i> , 2018, 24, 1-10.	1.3	45
13	The dynamic effects of sediment availability on the relationship between wind speed and dust concentration. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 2484-2492.	1.2	12
14	Pathways of high-latitude dust in the North Atlantic. <i>Earth and Planetary Science Letters</i> , 2017, 459, 170-182.	1.8	32
15	Impact of dust deposition on the albedo of Vatnajökull ice cap, Iceland. <i>Cryosphere</i> , 2017, 11, 741-754.	1.5	50
16	An Icelandic translation and validation of the revised 19-value Portrait Values Questionnaire. <i>Personality and Individual Differences</i> , 2016, 101, 428-434.	1.6	6
17	High-latitude dust in the Earth system. <i>Reviews of Geophysics</i> , 2016, 54, 447-485.	9.0	207
18	Insulation effects of Icelandic dust and volcanic ash on snow and ice. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	0.6	37

#	ARTICLE	IF	CITATIONS
19	Association between Daily Hydrogen Sulfide Exposure and Incidence of Emergency Hospital Visits: A Population-Based Study. PLoS ONE, 2016, 11, e0154946.	1.1	20
20	Emergency Hospital Visits in Association with Volcanic Ash, Dust Storms and Other Sources of Ambient Particles: A Time-Series Study in Reykjavík, Iceland. International Journal of Environmental Research and Public Health, 2015, 12, 4047-4059.	1.2	26
21	Association of air pollution and use of glyceryl trinitrate against angina pectoris: a population-based case-crossover study. Environmental Health, 2013, 12, 38.	1.7	12
22	Statistical assessment and modeling of the effects of weather conditions on H <sub>2</sub> S plume dispersal from Icelandic geothermal power plants. Geothermics, 2013, 45, 31-40.	1.5	17
23	A survey of early health effects of the Eyjafjallajökull 2010 eruption in Iceland: a population-based study. BMJ Open, 2012, 2, e000343.	0.8	43
24	Health effects following the Eyjafjallajökull volcanic eruption: a cohort study. BMJ Open, 2012, 2, e001851.	0.8	53
25	High levels of particulate matter in Iceland due to direct ash emissions by the Eyjafjallajökull eruption and resuspension of deposited ash. Journal of Geophysical Research, 2012, 117, .	3.3	85
26	Large wildfire in Iceland in 2006: Size and intensity estimates from satellite data. International Journal of Remote Sensing, 2011, 32, 17-29.	1.3	9
27	Determination of time- and height-resolved volcanic ash emissions and their use for quantitative ash dispersion modeling: the 2010 Eyjafjallajökull eruption. Atmospheric Chemistry and Physics, 2011, 11, 4333-4351.	1.9	333
28	Ice nucleation properties of volcanic ash from Eyjafjallajökull. Atmospheric Chemistry and Physics, 2011, 11, 9911-9926.	1.9	75
29	Dust storm contributions to airborne particulate matter in Reykjavík, Iceland. Atmospheric Environment, 2011, 45, 5924-5933.	1.9	49
30	The crossover stress, anisotropy and the ice flow law at Siple Dome, West Antarctica. Journal of Glaciology, 2011, 57, 39-52.	1.1	27
31	Shoreline erosion and aeolian deposition along a recently formed hydro-electric reservoir, Bláindulákn, Iceland. Geomorphology, 2010, 114, 542-555.	1.1	22
32	Anisotropic radio-wave scattering from englacial water regimes, Mýrdalsjökull, Iceland. Journal of Glaciology, 2007, 53, 473-478.	1.1	14
33	The role of crystal fabric in flow near an ice divide. Journal of Glaciology, 2007, 53, 277-288.	1.1	61
34	Ice microstructure and fabric: an up-to-date approach for measuring textures. Journal of Glaciology, 2006, 52, 619-630.	1.1	43
35	Bed topography and lubrication inferred from surface measurements on fast-flowing ice streams. Journal of Glaciology, 2003, 49, 481-490.	1.1	46
36	Spatial and temporal scales of anisotropic effects in ice-sheet flow. Annals of Glaciology, 2003, 37, 40-48.	2.8	22

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37	Folding in strongly anisotropic layers near ice-sheet centers. <i>Annals of Glaciology</i> , 2002, 35, 480-486.	2.8	17
38	Fabric development with nearest-neighbor interaction and dynamic recrystallization. <i>Journal of Geophysical Research</i> , 2002, 107, ECV 3-1-ECV 3-13.	3.3	51
39	An analytical approach to deformation of anisotropic ice-crystal aggregates. <i>Journal of Glaciology</i> , 2001, 47, 507-516.	1.1	33
40	Sliding versus till deformation in the fast motion of an ice stream over a viscous till. <i>Journal of Glaciology</i> , 2000, 46, 633-640.	1.1	19
41	Strain-rate enhancement at Dye 3, Greenland. <i>Journal of Glaciology</i> , 1999, 45, 338-345.	1.1	45
42	Strain-rate enhancement at Dye 3, Greenland. <i>Journal of Glaciology</i> , 1999, 45, 338-345.	1.1	10
43	Anisotropy and Flow of Ice. , 0, , 315-317.		1