Evgenia Ilyinskaya

List of Publications by Year
in descending order

33	890	471509 17	477307 29
papers	citations	h-index	g-index

47	47	47	1275
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Assessing the effectiveness of low-cost air quality monitors for identifying volcanic SO2 and PM downwind from Masaya volcano, Nicaragua. Volcanica, 2022, 5, 13-39.	1.8	0
2	Assessing the effectiveness of low-cost air quality monitors for identifying volcanic SO2 and PM downwind from Masaya volcano, Nicaragua. Volcanica, 2022, 5, 33-59.	1.8	1
3	Volcanic air pollution and human health: recent advances and future directions. Bulletin of Volcanology, 2022, 84, 1.	3.0	31
4	Crowd-sourcing observations of volcanic eruptions during the 2021 Fagradalsfjall and Cumbre Vieja events. Nature Communications, 2022, 13, 2611.	12.8	5
5	Reconstructing Magma Storage Depths for the 2018 KÄ±Ì„lauean Eruption From Melt Inclusion CO₂ Contents: The Importance of Vapor Bubbles. Geochemistry, Geophysics, Geosystems, 2021, 22, e2020GC009364.	2.5	31
6	Increased respiratory morbidity associated with exposure to a mature volcanic plume from a large Icelandic fissure eruption. Nature Communications, 2021, 12, 2161.	12.8	16
7	Surgically generated aerosol and mitigation strategies: combined use of irrigation, respirators and suction massively reduces particulate matter aerosol. Acta Neurochirurgica, 2021, 163, 1819-1827.	1.7	5
8	Rapid metal pollutant deposition from the volcanic plume of KÄ«lauea, Hawaiâ€™i. Communications Earth & Environment, 2021, 2, .	6.8	15
9	Volatile metal emissions from volcanic degassing and lavaâ€“seawater interactions at KÄ«lauea Volcano, Hawaiâ€™i. Communications Earth & Environment, 2021, 2, .	6.8	25
10	Gas emissions and crustal deformation from the KrÃ½suvÃk high temperature geothermal system, Iceland. Journal of Volcanology and Geothermal Research, 2020, 391, 106350.	2.1	9
11	Spatial and Temporal Variations in SO2 and PM2.5 Levels Around KÄ«lauea Volcano, Hawai'i During 2007â€“2018. Frontiers in Earth Science, 2020, 8, .	1.8	21
12	Effect of aerosol composition on the performance of low-cost optical particle counter correction factors. Atmospheric Measurement Techniques, 2020, 13, 1181-1193.	3.1	56
13	Globally Significant CO₂ Emissions From Katla, a Subglacial Volcano in Iceland. Geophysical Research Letters, 2018, 45, 10,332.	4.0	21
14	Ground-Based Measurements of the 2014â€“2015 Holuhraun Volcanic Cloud (Iceland). Geosciences (Switzerland), 2018, 8, 29.	2.2	35
15	Understanding the environmental impacts of large fissure eruptions: Aerosol and gas emissions from the 2014â€“2015 Holuhraun eruption (Iceland). Earth and Planetary Science Letters, 2017, 472, 309-322.	4.4	59
16	Balloon-borne measurement of the aerosol size distribution from an Icelandic flood basalt eruption. Earth and Planetary Science Letters, 2016, 453, 252-259.	4.4	14
17	Impacts of the 2014â€“2015 Holuhraun eruption on the UK atmosphere. Atmospheric Chemistry and Physics, 2016, 16, 11415-11431.	4.9	16
18	Reaction path models of magmatic gas scrubbing. Chemical Geology, 2016, 420, 251-269.	3.3	7

#	Article	IF	Citations
19	Satellite detection, longâ€range transport, and air quality impacts of volcanic sulfur dioxide from the 2014â€“2015 flood lava eruption at BÃ¡rÃ°arbunga (Iceland). Journal of Geophysical Research D: Atmospheres, 2015, 120, 9739-9757.	3.3	98
20	Degassing regime of Hekla volcano 2012â€“2013. Geochimica Et Cosmochimica Acta, 2015, 159, 80-99.	3.9	24
21	Tunable diode laser measurements of hydrothermal/volcanic CO₂ and implications for the global CO₂ budget. Solid Earth, 2014, 5, 1209-1221.	2.8	9
22	Futurevolc: A European volcanological supersite observatory in Iceland, a monitoring system and network for the future. , 2013, , .		1
23	Diffuse volcanic degassing and thermal energy release from Hengill volcanic system, Iceland. Bulletin of Volcanology, 2012, 74, 2435-2448.	3.0	47
24	Highâ€resolution size distributions and emission fluxes of trace elements from Masaya volcano, Nicaragua. Journal of Geophysical Research, 2012, 117, .	3.3	16
25	The uptake of halogen (HF, HCl, HBr and HI) and nitric (HNO3) acids into acidic sulphate particles in quiescent volcanic plumes. Chemical Geology, 2012, 296-297, 19-25.	3.3	23
26	Halogens and trace metal emissions from the ongoing 2008 summit eruption of KÄ«lauea volcano, Hawaiʻi. Geochimica Et Cosmochimica Acta, 2012, 83, 292-323.	3.9	136
27	The enigma of reactive nitrogen in volcanic emissions. Geochimica Et Cosmochimica Acta, 2012, 95, 93-105.	3.9	22
28	Aerosol formation in basaltic lava fountaining: EyjafjallajÃ¶kull volcano, Iceland. Journal of Geophysical Research, 2012, 117, .	3.3	14
29	Volcanic lightning as a source of reactive radical species in eruption plumes. Geochemistry, Geophysics, Geosystems, 2011, 12, .	2.5	6
30	A re-assessment of aerosol size distributions from Masaya volcano (Nicaragua). Atmospheric Environment, 2011, 45, 547-560.	4.1	14
31	Near-source observations of aerosol size distributions in the eruptive plumes from EyjafjallajÃ¶kull volcano, Marchâ€“April 2010. Atmospheric Environment, 2011, 45, 3210-3216.	4.1	21
32	Sizeâ€resolved chemical composition of aerosol emitted by Erebus volcano, Antarctica. Geochemistry, Geophysics, Geosystems, 2010, 11, .	2.5	20
33	A total volatile inventory for Masaya Volcano, Nicaragua. Journal of Geophysical Research, 2010, 115, .	3.3	65