

Evgenia Ilyinskaya

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

890
citations

471509

17
h-index

477307

29
g-index

47
all docs

47
docs citations

47
times ranked

1275
citing authors

#	ARTICLE	IF	CITATIONS
1	Halogens and trace metal emissions from the ongoing 2008 summit eruption of K�lauea volcano, Hawai'i. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 83, 292-323.	3.9	136
2	Satellite detection, long-range transport, and air quality impacts of volcanic sulfur dioxide from the 2014�2015 flood lava eruption at B�rbunga (Iceland). <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 9739-9757.	3.3	98
3	A total volatile inventory for Masaya Volcano, Nicaragua. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	65
4	Understanding the environmental impacts of large fissure eruptions: Aerosol and gas emissions from the 2014�2015 Holuhraun eruption (Iceland). <i>Earth and Planetary Science Letters</i> , 2017, 472, 309-322.	4.4	59
5	Effect of aerosol composition on the performance of low-cost optical particle counter correction factors. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 1181-1193.	3.1	56
6	Diffuse volcanic degassing and thermal energy release from Hengill volcanic system, Iceland. <i>Bulletin of Volcanology</i> , 2012, 74, 2435-2448.	3.0	47
7	Ground-Based Measurements of the 2014�2015 Holuhraun Volcanic Cloud (Iceland). <i>Geosciences (Switzerland)</i> , 2018, 8, 29.	2.2	35
8	Reconstructing Magma Storage Depths for the 2018 K�lauean Eruption From Melt Inclusion CO ₂ Contents: The Importance of Vapor Bubbles. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009364.	2.5	31
9	Volcanic air pollution and human health: recent advances and future directions. <i>Bulletin of Volcanology</i> , 2022, 84, 1.	3.0	31
10	Volatile metal emissions from volcanic degassing and lava�seawater interactions at K�lauea Volcano, Hawai'i. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	25
11	Degassing regime of Hekla volcano 2012�2013. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 159, 80-99.	3.9	24
12	The uptake of halogen (HF, HCl, HBr and HI) and nitric (HNO ₃) acids into acidic sulphate particles in quiescent volcanic plumes. <i>Chemical Geology</i> , 2012, 296-297, 19-25.	3.3	23
13	The enigma of reactive nitrogen in volcanic emissions. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 95, 93-105.	3.9	22
14	Near-source observations of aerosol size distributions in the eruptive plumes from Eyjafjallaj�kull volcano, March�April 2010. <i>Atmospheric Environment</i> , 2011, 45, 3210-3216.	4.1	21
15	Globally Significant CO ₂ Emissions From Katla, a Subglacial Volcano in Iceland. <i>Geophysical Research Letters</i> , 2018, 45, 10,332.	4.0	21
16	Spatial and Temporal Variations in SO ₂ and PM _{2.5} Levels Around K�lauea Volcano, Hawai'i During 2007�2018. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	21
17	Size-resolved chemical composition of aerosol emitted by Erebus volcano, Antarctica. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	2.5	20
18	High-resolution size distributions and emission fluxes of trace elements from Masaya volcano, Nicaragua. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	16

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19	Impacts of the 2014–2015 Holuhraun eruption on the UK atmosphere. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 11415-11431.	4.9	16
20	Increased respiratory morbidity associated with exposure to a mature volcanic plume from a large Icelandic fissure eruption. <i>Nature Communications</i> , 2021, 12, 2161.	12.8	16
21	Rapid metal pollutant deposition from the volcanic plume of K�lauea, Hawai�. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	15
22	A re-assessment of aerosol size distributions from Masaya volcano (Nicaragua). <i>Atmospheric Environment</i> , 2011, 45, 547-560.	4.1	14
23	Aerosol formation in basaltic lava fountaining: Eyjafjallaj�kull volcano, Iceland. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	14
24	Balloon-borne measurement of the aerosol size distribution from an Icelandic flood basalt eruption. <i>Earth and Planetary Science Letters</i> , 2016, 453, 252-259.	4.4	14
25	Tunable diode laser measurements of hydrothermal/volcanic CO ₂ and implications for the global CO ₂ budget. <i>Solid Earth</i> , 2014, 5, 1209-1221.	2.8	9
26	Gas emissions and crustal deformation from the Kr�fuv�k high temperature geothermal system, Iceland. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 391, 106350.	2.1	9
27	Reaction path models of magmatic gas scrubbing. <i>Chemical Geology</i> , 2016, 420, 251-269.	3.3	7
28	Volcanic lightning as a source of reactive radical species in eruption plumes. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, .	2.5	6
29	Surgically generated aerosol and mitigation strategies: combined use of irrigation, respirators and suction massively reduces particulate matter aerosol. <i>Acta Neurochirurgica</i> , 2021, 163, 1819-1827.	1.7	5
30	Crowd-sourcing observations of volcanic eruptions during the 2021 Fagradalsfjall and Cumbre Vieja events. <i>Nature Communications</i> , 2022, 13, 2611.	12.8	5
31	Futurevolc: A European volcanological supersite observatory in Iceland, a monitoring system and network for the future. , 2013, , .		1
32	Assessing the effectiveness of low-cost air quality monitors for identifying volcanic SO ₂ and PM downwind from Masaya volcano, Nicaragua. <i>Volcanica</i> , 2022, 5, 33-59.	1.8	1
33	Assessing the effectiveness of low-cost air quality monitors for identifying volcanic SO ₂ and PM downwind from Masaya volcano, Nicaragua. <i>Volcanica</i> , 2022, 5, 13-39.	1.8	0