

# E J Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

579  
citations

687363

13  
h-index

794594

19  
g-index

23  
all docs

23  
docs citations

23  
times ranked

830  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the effectiveness of low-cost air quality monitors for identifying volcanic SO <sub>2</sub> and PM downwind from Masaya volcano, Nicaragua. <i>Volcanica</i> , 2022, 5, 33-59.	1.8	1
2	Volcanic activity and gas emissions along the South Sandwich Arc. <i>Bulletin of Volcanology</i> , 2021, 83, 1.	3.0	14
3	Magma behaving brittly. <i>Nature Geoscience</i> , 2021, 14, 180-181.	12.9	3
4	Rapid metal pollutant deposition from the volcanic plume of K��lauea, Hawai��. <i>Communications Earth &amp; Environment</i> , 2021, 2, .	6.8	15
5	Volatile metal emissions from volcanic degassing and lava��seawater interactions at K��lauea Volcano, Hawai��. <i>Communications Earth &amp; Environment</i> , 2021, 2, .	6.8	25
6	Combined ground and aerial measurements resolve vent-specific gas fluxes from a multi-vent volcano. <i>Nature Communications</i> , 2020, 11, 3039.	12.8	27
7	Aerial strategies advance volcanic gas measurements at inaccessible, strongly degassing volcanoes. <i>Science Advances</i> , 2020, 6, .	10.3	24
8	Petrologic monitoring at Volc��n de Fuego, Guatemala. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 405, 107044.	2.1	17
9	Volcanological applications of unoccupied aircraft systems (UAS): Developments, strategies, and future challenges. <i>Volcanica</i> , 2020, 3, 67-114.	1.8	63
10	Evidence of explosive hydromagmatic eruptions during the emplacement of the North Atlantic Igneous Province. <i>Volcanica</i> , 2020, 3, 227-250.	1.8	19
11	Dynamics of Outgassing and Plume Transport Revealed by Proximal Unmanned Aerial System (UAS) Measurements at Volc��n Villarrica, Chile. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 730-750.	2.5	41
12	The timing and widespread effects of the largest Holocene volcanic eruption in Antarctica. <i>Scientific Reports</i> , 2018, 8, 17279.	3.3	39
13	A distinct metal fingerprint in arc volcanic emissions. <i>Nature Geoscience</i> , 2018, 11, 790-794.	12.9	59
14	Insights into the dynamics of mafic magmatic-hydromagmatic eruptions from volatile degassing behaviour: The Hverfjall Fires, Iceland. <i>Journal of Volcanology and Geothermal Research</i> , 2018, 358, 228-240.	2.1	4
15	Contrasting mechanisms of magma fragmentation during coeval magmatic and hydromagmatic activity: the Hverfjall Fires fissure eruption, Iceland. <i>Bulletin of Volcanology</i> , 2017, 79, 1.	3.0	36
16	Expanding the tephrostratigraphical framework for the South Shetland Islands, Antarctica, by combining compositional and textural tephra characterisation. <i>Sedimentary Geology</i> , 2016, 340, 49-61.	2.1	19
17	Optimising shape analysis to quantify volcanic ash morphology. <i>GeoResJ</i> , 2015, 8, 14-30.	1.4	111
18	Ash mists and brown snow: Remobilization of volcanic ash from recent Icelandic eruptions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 9463-9480.	3.3	61