

Elisabeth Widom

List of Publications by Year in descending order

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papers

481
citations

623734

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25
docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Heavy ^{57}Fe in ocean island basalts: A non-unique signature of processes and source lithologies in the mantle. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 292, 309-332.	3.9	36
2	Osmium isotope geochemistry of steel plant emissions using tree bark biomonitoring. <i>Environmental Pollution</i> , 2021, 272, 115976.	7.5	5
3	From Explosive Vent Opening to Effusive Outpouring: Mineral Constraints on Magma Dynamics and Timescales at Paricutin Monogenetic Volcano. <i>Journal of Petrology</i> , 2021, 62, .	2.8	10
4	The historical case of Paricutin volcano (Michoacán, México): challenges of simulating lava flows on a gentle slope during a long-lasting eruption. <i>Natural Hazards</i> , 2021, 107, 809-829.	3.4	5
5	Quantification of Pb pollution sources in complex urban environments through a multi-source isotope mixing model based on Pb isotopes in lichens and road sediment. <i>Environmental Pollution</i> , 2021, 288, 117815.	7.5	27
6	Sulfide mantle source heterogeneity recorded in basaltic lavas from the Azores. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 268, 422-445.	3.9	23
7	Identifying the sources of air pollution in an urban-industrial setting by lichen biomonitoring - A multi-tracer approach. <i>Applied Geochemistry</i> , 2020, 121, 104695.	3.0	20
8	Crystals reveal magma convection and melt transport in dyke-fed eruptions. <i>Scientific Reports</i> , 2020, 10, 11632.	3.3	16
9	Sources of metals in atmospheric particulate matter in Tehran, Iran: Tree bark biomonitoring. <i>Applied Geochemistry</i> , 2019, 104, 71-82.	3.0	20
10	^{14}C and U-series disequilibria age constraints from recent eruptions at Sete Cidades volcano, Azores. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 373, 167-178.	2.1	6
11	Petrographic, Geochemical and Isotopic ($^{87}\text{Sr}/^{86}\text{Sr}$ - $^{206}\text{Pb}/^{208}\text{Os}$) Study of Plio-Quaternary Volcanics and the Tertiary Basement in the Jorullo-Tacámbaro Area, Michoacán-Guanajuato Volcanic Field, Mexico. <i>Journal of Petrology</i> , 2019, 60, 2317-2338.	2.8	8
12	A re-interpretation of the petrogenesis of Paricutin volcano: Distinguishing crustal contamination from mantle heterogeneity. <i>Chemical Geology</i> , 2019, 504, 66-82.	3.3	31
13	Uranium mobility across annual growth rings in three deciduous tree species. <i>Journal of Environmental Radioactivity</i> , 2018, 182, 183-189.	1.7	1
14	Assessment of tree bark as a biomonitor of anthropogenic thorium and radium contamination. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 318, 673-676.	1.5	0
15	Compositional and volumetric development of a monogenetic lava flow field: The historical case of Paricutin (Michoacán, Mexico). <i>Journal of Volcanology and Geothermal Research</i> , 2017, 348, 36-48.	2.1	23
16	Uranium isotopes in tree bark as a spatial tracer of environmental contamination near former uranium processing facilities in southwest Ohio. <i>Journal of Environmental Radioactivity</i> , 2017, 178-179, 265-278.	1.7	10
17	Temporal and compositional evolution of Jorullo volcano, Mexico: Implications for magmatic processes associated with a monogenetic eruption. <i>Chemical Geology</i> , 2016, 434, 62-80.	3.3	28
18	Analysis of a sugar maple tree core for monitoring environmental uranium contamination. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 307, 1691-1696.	1.5	7

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19	Characterization and transport modeling of uranium particle from Fernald area tree bark. Journal of Radioanalytical and Nuclear Chemistry, 2016, 307, 1675-1679.	1.5	7
20	$^{40}\text{Ar}/^{39}\text{Ar}$ constraints on the temporal evolution of Graciosa Island, Azores (Portugal). Bulletin of Volcanology, 2014, 76, 1.	3.0	29
21	Magmatic Processes and the Role of Antecrysts in the Genesis of Corvo Island (Azores Archipelago.) Tj ETQq1 1 0.784314 rgBT /Overl 2.8 50	2.8	50
22	Chemical and lead isotope constraints on sources of metal pollution in street sediment and lichens in southwest Ohio. Applied Geochemistry, 2013, 32, 195-203.	3.0	42
23	Time scales of formation of zoned magma chambers: U-series disequilibria in the Fogo A and 1563 A.D. trachyte deposits, S�o Miguel, Azores. Chemical Geology, 2007, 239, 138-155.	3.3	28
24	Oxygen isotope signatures in olivines from S�o Miguel (Azores) basalts: implications for crustal and mantle processes. Chemical Geology, 2003, 193, 237-255.	3.3	49