

Elisabeth Widom

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

481
citations

623734

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677142

22
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25
all docs

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docs citations

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times ranked

552
citing authors

#	ARTICLE	IF	CITATIONS
1	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	Oxygen isotope signatures in olivines from S�o Miguel (Azores) basalts: implications for crustal and mantle processes. <i>Chemical Geology</i> , 2003, 193, 237-255.	3.3	49
3	Chemical and lead isotope constraints on sources of metal pollution in street sediment and lichens in southwest Ohio. <i>Applied Geochemistry</i> , 2013, 32, 195-203.	3.0	42
4	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
5	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
6	$^{40}\text{Ar}/^{39}\text{Ar}$ constraints on the temporal evolution of Graciosa Island, Azores (Portugal). <i>Bulletin of Volcanology</i> , 2014, 76, 1.	3.0	29
7	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. <i>Chemical Geology</i> , 2007, 239, 138-155.	3.3	28
8	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
9	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
10	Compositional and volumetric development of a monogenetic lava flow field: The historical case of Paricutin (Michoac�n, Mexico). <i>Journal of Volcanology and Geothermal Research</i> , 2017, 348, 36-48.	2.1	23
11	Sulfide mantle source heterogeneity recorded in basaltic lavas from the Azores. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 268, 422-445.	3.9	23
12	Sources of metals in atmospheric particulate matter in Tehran, Iran: Tree bark biomonitoring. <i>Applied Geochemistry</i> , 2019, 104, 71-82.	3.0	20
13	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
14	Crystals reveal magma convection and melt transport in dyke-fed eruptions. <i>Scientific Reports</i> , 2020, 10, 11632.	3.3	16
15	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
16	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
17	Petrographic, Geochemical and Isotopic ($^{87}\text{Sr}/^{86}\text{Sr}$ - $^{206}\text{Pb}/^{207}\text{Pb}$ - ^{18}O) Study of Plio-Quaternary Volcanics and the Tertiary Basement in the Jorullo-Tac�mbaro Area, Michoac�n-Guanajuato Volcanic Field, Mexico. <i>Journal of Petrology</i> , 2019, 60, 2317-2338.	2.8	8
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	¹⁴ C and U-series disequilibria age constraints from recent eruptions at Sete Cidades volcano, Azores. Journal of Volcanology and Geothermal Research, 2019, 373, 167-178.	2.1	6
21	Osmium isotope geochemistry of steel plant emissions using tree bark biomonitoring. Environmental Pollution, 2021, 272, 115976.	7.5	5
22	The historical case of Paricutin volcano (Michoacán, México): challenges of simulating lava flows on a gentle slope during a long-lasting eruption. Natural Hazards, 2021, 107, 809-829.	3.4	5
23	Uranium mobility across annual growth rings in three deciduous tree species. Journal of Environmental Radioactivity, 2018, 182, 183-189.	1.7	1
24	Assessment of tree bark as a biomonitor of anthropogenic thorium and radium contamination. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 673-676.	1.5	0