

Teresa JI Ferreira

List of Publications by Year in descending order

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43
papers

1,349
citations

361413
20
h-index

345221
36
g-index

43
all docs

43
docs citations

43
times ranked

1114
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperthermus butylicus, a hyperthermophilic sulfur-reducing archaeobacterium that ferments peptides. Journal of Bacteriology, 1990, 172, 3959-3965.	2.2	197
2	Volcanic geology of Furnas Volcano, S�o Miguel, Azores. Journal of Volcanology and Geothermal Research, 1999, 92, 1-29.	2.1	117
3	Soil CO ₂ emissions at Furnas volcano, S�o Miguel Island, Azores archipelago: Volcano monitoring perspectives, geomorphologic studies, and land use planning application. Journal of Geophysical Research, 2010, 115, .	3.3	111
4	Environmental influences on soil CO ₂ degassing at Furnas and Fogo volcanoes (S�o Miguel Island,) Tj ETQq0 0 0 rBT /Overlock 10 Tf	2.1	77
5	Magma-derived CO ₂ emissions recorded in and content of plants growing in Furnas caldera, Azores. Journal of Volcanology and Geothermal Research, 1999, 92, 195-207.	2.1	65
6	The last 5000 years of activity at Sete Cidades volcano (S�o Miguel Island, Azores): Implications for hazard assessment. Journal of Volcanology and Geothermal Research, 2008, 178, 562-573.	2.1	58
7	Chemistry and isotopic composition of fumarole discharges of Furnas caldera. Journal of Volcanology and Geothermal Research, 1999, 92, 169-179.	2.1	54
8	Meteorological factors controlling soil gases and indoor CO ₂ concentration: A permanent risk in degassing areas. Science of the Total Environment, 2009, 407, 1362-1372.	8.0	50
9	Gas geochemistry of hydrothermal fluids of the S. Miguel and Terceira Islands, Azores. Geochimica Et Cosmochimica Acta, 2015, 168, 43-57.	3.9	43
10	Styles of volcanism and volcanic hazards on Furnas volcano, S�o Miguel, Azores. Journal of Volcanology and Geothermal Research, 1999, 92, 39-53.	2.1	39
11	Basaltic lava balloons produced during the 1998-2001 Serreta Submarine Ridge eruption (Azores). Geophysical Monograph Series, 2003, , 205-212.	0.1	35
12	Helium isotopes in hydrothermal volcanic fluids of the Azores archipelago. Earth and Planetary Science Letters, 2009, 281, 70-80.	4.4	35
13	Periodic behavior of soil CO ₂ emissions in diffuse degassing areas of the Azores archipelago: Application to seismovolcanic monitoring. Journal of Geophysical Research: Solid Earth, 2014, 119, 7578-7597.	3.4	33
14	Chapter 4 Earthquakes and volcanic eruptions in the Azores region: geodynamic implications from major historical events and instrumental seismicity. Geological Society Memoir, 2015, 44, 33-49.	1.7	32
15	Chapter 6 Volcano-tectonic structures of S�o Miguel Island, Azores. Geological Society Memoir, 2015, 44, 65-86.	1.7	31
16	Exploring lava flow hazards at Pico Island, Azores Archipelago (Portugal). Terra Nova, 2015, 27, 156-161.	2.1	25
17	3-D interpretation of short-period magnetotelluric data at Furnas Volcano, Azores Islands. Geophysical Journal International, 2018, 213, 371-386.	2.4	25
18	Reassessment of the historical seismic activity with major impact on S. Miguel Island (Azores). Natural Hazards and Earth System Sciences, 2003, 3, 615-623.	3.6	23

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19	Landslides density map of S. Miguel Island, Azores archipelago. <i>Natural Hazards and Earth System Sciences</i> , 2002, 2, 51-56.	3.6	22
20	Chapter 9 The volcanic history of Furnas Volcano, S�o Miguel, Azores. <i>Geological Society Memoir</i> , 2015, 44, 125-134.	1.7	21
21	Hazardous indoor CO2 concentrations in volcanic environments. <i>Environmental Pollution</i> , 2016, 214, 776-786.	7.5	21
22	Total (fumarolic+diffuse soil) CO2 output from Furnas volcano. <i>Earth, Planets and Space</i> , 2015, 67, 174-215.	2.5	20
23	Soil radon (222 Rn) monitoring at Furnas Volcano (S�o Miguel, Azores): Applications and challenges. <i>European Physical Journal: Special Topics</i> , 2015, 224, 659-686.	2.6	18
24	Chapter 10 Distribution and significance of basaltic eruptive centres: S�o Miguel, Azores. <i>Geological Society Memoir</i> , 2015, 44, 135-146.	1.7	18
25	Sensitivity of two biomarkers for biomonitoring exposure to fluoride in children and women: A study in a volcanic area. <i>Chemosphere</i> , 2016, 155, 614-620.	8.2	18
26	Contribution of CO2 emitted to the atmosphere by diffuse degassing from volcanoes: The Furnas Volcano case study. <i>International Journal of Global Warming</i> , 2012, 4, 287.	0.5	17
27	Chapter 17 Seismic activity on S�o Miguel Island volcano-tectonic structures (Azores archipelago). <i>Geological Society Memoir</i> , 2015, 44, 227-238.	1.7	15
28	Soil CO2 Degassing Path along Volcano-Tectonic Structures in the Pico-Faial-S�o Jorge Islands (Azores) <i>Journal of Volcanology and Geothermal Research</i> , 2015, 292, 1-15.	1.8	15
29	Experimental monitoring of carbon dioxide by low power IR-sensors: soil degassing in the Furnas Volcanic Centre, Azores. <i>Journal of Volcanology and Geothermal Research</i> , 1999, 92, 181-193.	2.1	14
30	Chapter 12 Eruptive frequency and volcanic hazards zonation in S�o Miguel Island, Azores. <i>Geological Society Memoir</i> , 2015, 44, 155-166.	1.7	14
31	DNA damage in oral epithelial cells of individuals chronically exposed to indoor radon (222Rn) in a hydrothermal area. <i>Environmental Geochemistry and Health</i> , 2018, 40, 1713-1724.	3.4	14
32	Air Pollution by Hydrothermal Volcanism and Human Pulmonary Function. <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	12
33	Chapter 14 Mapping of soil CO2 diffuse degassing at S�o Miguel Island and its public health implications. <i>Geological Society Memoir</i> , 2015, 44, 185-195.	1.7	11
34	Chapter 15 Diffuse soil emanations of radon and hazard implications at Furnas Volcano, S�o Miguel Island (Azores). <i>Geological Society Memoir</i> , 2015, 44, 197-211.	1.7	10
35	Iodine environmental availability and human intake in oceanic islands: Azores as a case-study. <i>Science of the Total Environment</i> , 2015, 538, 531-538.	8.0	9
36	Chapter 20 Permanent monitoring of soil CO2 degassing at Furnas and Fogo volcanoes (S�o Miguel Island, Azores). <i>Geological Society Memoir</i> , 2015, 44, 271-288.	1.7	7

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37	Safety Evaluation of Fluoride Content in Tea Infusions Consumed in the Azores's Volcanic Region with Water Springs naturally Enriched in Fluoride. <i>Biological Trace Element Research</i> , 2017, 179, 158-164.	3.5	7
38	Chapter 18 Tectonic and volcanic deformation at S�o Miguel Island, Azores, observed by continuous GPS analysis 2008-2013. <i>Geological Society Memoir</i> , 2015, 44, 239-256.	1.7	6
39	Paleoseismological evidence for historical surface faulting in S�o Miguel island (Azores). <i>Annals of Geophysics</i> , 2014, 56, .	1.0	4
40	Impact of lightning on organic matter-rich soils: influence of soil grain size and organic matter content on underground fires. <i>Natural Hazards</i> , 2008, 45, 19-31.	3.4	3
41	Plate Boundary Deformation and Volcano Unrest at the Azores Triple Junction Determined From Continuous GPS Measurements, 2002-2017. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	3.4	2
42	Geological hazards at the Azores region. , 2007, , 11-18.		1
43	Integration of European Volcano Infrastructures. , 2015, , 419-443.		0