

Pecoraino Giovannella

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,163
citations

361413

20
h-index

377865

34
g-index

38
all docs

38
docs citations

38
times ranked

1359
citing authors

#	ARTICLE	IF	CITATIONS
1	Mineral control of arsenic content in thermal waters from volcano-hosted hydrothermal systems: Insights from island of Ischia and Phlegrean Fields (Campanian Volcanic Province, Italy). <i>Chemical Geology</i> , 2006, 229, 313-330.	3.3	121
2	Chemical and isotopical characterisation of fluid manifestations of Ischia Island (Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2000, 99, 151-178.	2.1	108
3	S, Cl and F degassing as an indicator of volcanic dynamics: The 2001 eruption of Mount Etna. <i>Geophysical Research Letters</i> , 2002, 29, 54-1.	4.0	86
4	The episodic and abrupt geochemical changes at La Fossa fumaroles (Vulcano Island, Italy) and related constraints on the dynamics, structure, and compositions of the magmatic system. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 120, 158-178.	3.9	70
5	A model for Ischia hydrothermal system: Evidences from the chemistry of thermal groundwaters. <i>Journal of Volcanology and Geothermal Research</i> , 2009, 186, 133-159.	2.1	58
6	Mount Etna: Geochemical signals of magma ascent and unusually extensive plumbing system. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	56
7	Distribution of volatile organic compounds in Sicilian groundwaters analysed by head space-solid phase micro extraction coupled with gas chromatography mass spectrometry (SPME/GC/MS). <i>Water Research</i> , 2008, 42, 3563-3577.	11.3	56
8	Preliminary estimate of CO ₂ output from Pantelleria Island volcano (Sicily, Italy): evidence of active mantle degassing. <i>Applied Geochemistry</i> , 2001, 16, 883-894.	3.0	54
9	Steam output from fumaroles of an active volcano: Tectonic and magmatic-hydrothermal controls on the degassing system at Vulcano (Aeolian arc). <i>Journal of Geophysical Research</i> , 1998, 103, 29829-29842.	3.3	53
10	Geochemical Characterization and Temporal Changes in Parietal Gas Emissions at Mt. Etna (Italy) During the Period July 2000 - July 2003. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2005, 16, 805.	0.6	44
11	The Other Side of the Coin: Geochemistry of Alkaline Lakes in Volcanic Areas. <i>Advances in Volcanology</i> , 2015, , 219-237.	1.1	38
12	Degassing of trace volatile metals during the 2001 eruption of Etna. <i>Geophysical Monograph Series</i> , 2003, , 41-54.	0.1	37
13	Total CO ₂ output from Ischia Island volcano (Italy). <i>Geochemical Journal</i> , 2005, 39, 451-458.	1.0	36
14	Hydrothermal methane fluxes from the soil at Pantelleria island (Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2009, 187, 147-157.	2.1	34
15	The structure of a hydrothermal system from an integrated geochemical, geophysical, and geological approach: The Ischia Island case study. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	2.5	34
16	Carbonate precipitation in the alkaline lake Specchio di Venere (Pantelleria Island, Italy) and the possible role of microbial mats. <i>Applied Geochemistry</i> , 2016, 67, 168-176.	3.0	33
17	Preliminary conceptual model of the Cerro Blanco caldera-hosted geothermal system (Southern Tj ETQq1 1 0.784314 rgBT /Overlock Sciences, 2019, 94, 102213.	1.4	27
18	Zirconium and hafnium and rare earth element signatures discriminating the effect of atmospheric fallout from hydrothermal input in volcanic lake water. <i>Chemical Geology</i> , 2016, 433, 1-11.	3.3	25

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19	Geogenic and atmospheric sources for volatile organic compounds in fumarolic emissions from Mt. Etna and Vulcano Island (Sicily, Italy). <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	24
20	Effect of solid waste landfill organic pollutants on groundwater in three areas of Sicily (Italy) characterized by different vulnerability. <i>Environmental Science and Pollution Research</i> , 2017, 24, 16869-16882.	5.3	20
21	Geosphere-Biosphere Interactions in Bio-Activity Volcanic Lakes: Evidences from Hule and Río Cuarto (Costa Rica). <i>PLoS ONE</i> , 2014, 9, e102456.	2.5	19
22	The hydrothermal system of the Domuyo volcanic complex (Argentina): A conceptual model based on new geochemical and isotopic evidences. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 328, 198-209.	2.1	19
23	Active tectonic features and structural dynamics of the summit area of Mt. Etna (Italy) revealed by soil CO ₂ and soil temperature surveying. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 311, 79-98.	2.1	19
24	The 2012–2016 eruptive cycle at Copahue volcano (Argentina) versus the peripheral gas manifestations: hints from the chemical and isotopic features of fumarolic fluids. <i>Bulletin of Volcanology</i> , 2017, 79, 1.	3.0	19
25	A tool for evaluating geothermal power exploitability and its application to Ischia, Southern Italy. <i>Applied Energy</i> , 2015, 139, 303-312.	10.1	15
26	Mount Etna volcano (Italy) as a major dust-point source in the Mediterranean area. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	1.3	8
27	39 Years of Geochemical Monitoring of Laguna Caliente Crater Lake, Poás: Patterns from the Past as Keys for the Future. <i>Active Volcanoes of the World</i> , 2019, , 213-233.	1.4	8
28	Response of a hydrothermal system to escalating phreatic unrest: the case of Turrialba and Irazú in Costa Rica (2007–2012). <i>Earth, Planets and Space</i> , 2021, 73, .	2.5	8
29	Degassing at the Volcanic/Geothermal System of Kos (Greece): Geochemical Characterization of the Released Gases and CO ₂ Output Estimation. <i>Geofluids</i> , 2019, 2019, 1-16.	0.7	7
30	Changes in heat released by hydrothermal circulation monitored during an eruptive cycle at Mt. Etna (Italy). <i>Bulletin of Volcanology</i> , 2018, 80, 1.	3.0	5
31	New insights into the degassing dynamics of Lago Albano (Colli Albani volcano, Rome, Italy) during the last three decades (1989-2019). <i>Italian Journal of Geosciences</i> , 2021, 140, 29-41.	0.8	5
32	Shallow Sea Gas Manifestations in the Aegean Sea (Greece) as Natural Analogs to Study Ocean Acidification: First Catalog and Geochemical Characterization. <i>Frontiers in Marine Science</i> , 2022, 8, .	2.5	5
33	Carbon dioxide and radon emissions from the soils of Pantelleria island (Southern Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2018, 362, 49-63.	2.1	4
34	Geochemical investigations of the geothermal systems from the Island of Sicily (southern Italy). <i>Geothermics</i> , 2021, 95, 102120.	3.4	4
35	The Geothermal Resource in the Guanacaste Region (Costa Rica): New Hints From the Geochemistry of Naturally Discharging Fluids. <i>Frontiers in Earth Science</i> , 2018, 6, .	1.8	2
36	Hydrogeologic and geochemical survey of aquifers based on chemical and isotopic characterisation of groundwater and rain waters: a case study in the Sisseb el Alem Basin (central-east Tunisia). <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	1

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37	Chemical characterisation of the gases released at Gyalí Island, Dodecanese, Greece and preliminary estimation of the CO ₂ output. Italian Journal of Geosciences, 2021, 140, 16-28.	0.8	1
38	Georeferenced cartography dataset of the La Fossa crater fumarolic field at Vulcano Island (Aeolian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Annals of Geophysics, 2011, 54, .	1.0	0