

Giovanni Chiodini

List of Publications by Year in descending order

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172
papers

10,927
citations

19657

61
h-index

36028

97
g-index

180
all docs

180
docs citations

180
times ranked

4395
citing authors

#	ARTICLE	IF	CITATIONS
1	The Permanent Monitoring System of the Campi Flegrei Caldera, Italy. <i>Active Volcanoes of the World</i> , 2022, , 219-237.	1.4	2
2	The seismicity of Campi Flegrei in the contest of an evolving long term unrest. <i>Scientific Reports</i> , 2022, 12, 2900.	3.3	14
3	New Insights Into the Recent Magma Dynamics Under Campi Flegrei Caldera (Italy) From Petrological and Geochemical Evidence. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	3.4	13
4	Soil CO ₂ flux baseline in PlanchÃ³n â€“ Peteroa Volcanic Complex, Southern Andes, Argentina - Chile. <i>Journal of South American Earth Sciences</i> , 2021, 105, 102930.	1.4	8
5	A Novel Multidisciplinary Approach for the Thermoâ€Rheological Study of Volcanic Areas: The Case Study of Long Valley Caldera. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020331.	3.4	5
6	Statistics of seismicity to investigate the Campi Flegrei caldera unrest. <i>Scientific Reports</i> , 2021, 11, 7211.	3.3	25
7	Hydrothermal pressure-temperature control on CO ₂ emissions and seismicity at Campi Flegrei (Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2021, 414, 107245.	2.1	38
8	Campi Flegrei, Vesuvius and Ischia Seismicity in the Context of the Neapolitan Volcanic Area. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	11
9	Carbon dioxide diffuse emission at the Tolhuaca hydrothermal system (Chile) controlled by tectonics and topography. <i>Journal of Volcanology and Geothermal Research</i> , 2021, 417, 107316.	2.1	4
10	Tracking Episodes of Seismicity and Gas Transport in Campi Flegrei Caldera Through Seismic, Geophysical, and Geochemical Measurements. <i>Seismological Research Letters</i> , 2021, 92, 965-975.	1.9	14
11	The Carbon Dioxide Emission as Indicator of the Geothermal Heat Flow: Review of Local and Regional Applications with a Special Focus on Italy. <i>Energies</i> , 2021, 14, 6590.	3.1	6
12	Active Degassing of Deeply Sourced Fluids in Central Europe: New Evidences From a Geochemical Study in Serbia. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC010017.	2.5	11
13	Deep versus shallow sources of CO ₂ and Rn from a multi-parametric approach: the case of the Nisyros caldera (Aegean Arc, Greece). <i>Scientific Reports</i> , 2020, 10, 13782.	3.3	9
14	Correlation between tectonic CO ₂ Earth degassing and seismicity is revealed by a 10-year record in the Apennines, Italy. <i>Science Advances</i> , 2020, 6, eabc2938.	10.3	81
15	Analysis of 7-years Radon time series at Campi Flegrei area (Naples, Italy) using artificial neural network method. <i>Applied Radiation and Isotopes</i> , 2020, 163, 109239.	1.5	27
16	Deep CO ₂ emitted at Furnas do Enxofre geothermal area (Terceira Island, Azores archipelago). An approach for determining CO ₂ sources and total emissions using carbon isotopic data. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 401, 106968.	2.1	23
17	Continuous radon monitoring during seven years of volcanic unrest at Campi Flegrei caldera (Italy). <i>Scientific Reports</i> , 2020, 10, 9551.	3.3	32
18	The hydrothermal system of Bagni San Filippo (Italy): fluids circulation and CO ₂ degassing. <i>Italian Journal of Geosciences</i> , 2020, 139, 383-397.	0.8	9

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19	Escalating CO ₂ degassing at the Pisciarelli fumarolic system, and implications for the ongoing Campi Flegrei unrest. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 384, 151-157.	2.1	43
20	An Endorheic Lake in a Changing Climate: Geochemical Investigations at Lake Trasimeno (Italy). <i>Water (Switzerland)</i> , 2019, 11, 1319.	2.7	13
21	Insight Into Campi Flegrei Caldera Unrest Through Seismic Tremor Measurements at Pisciarelli Fumarolic Field. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 5544-5555.	2.5	26
22	Carbon Dioxide Emissions from Subaerial Volcanic Regions. , 2019, , 188-236.		53
23	Measuring and interpreting CO ₂ fluxes at regional scale: the case of the Apennines, Italy. <i>Journal of the Geological Society</i> , 2019, 176, 408-416.	2.1	28
24	Reservoir Structure and Hydraulic Properties of the Campi Flegrei Geothermal System Inferred by Audiomagnetotelluric, Geochemical, and Seismicity Study. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 5336-5356.	3.4	32
25	Diffuse emission of CO ₂ and convective heat release at Nisyros caldera (Greece). <i>Journal of Volcanology and Geothermal Research</i> , 2019, 376, 44-53.	2.1	27
26	Thermal Energy Release Measurement with Thermal Camera: The Case of La Solfatara Volcano (Italy). <i>Remote Sensing</i> , 2019, 11, 167.	4.0	8
27	Magma Degassing as a Source of Long-Term Seismicity at Volcanoes: The Ischia Island (Italy) Case. <i>Geophysical Research Letters</i> , 2019, 46, 14421-14429.	4.0	36
28	The emissions of CO ₂ and other volatiles from the world's subaerial volcanoes. <i>Scientific Reports</i> , 2019, 9, 18716.	3.3	109
29	A Perturbative Approach for Modeling Short-Term Fluid-Driven Ground Deformation Episodes on Volcanoes: A Case Study in the Campi Flegrei Caldera (Italy). <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 1036-1056.	3.4	11
30	Lago Albano, the "anti-Nyos-type" lake: The past as a key for the future. <i>Journal of African Earth Sciences</i> , 2019, 150, 425-440.	2.0	13
31	Seismic signature of active intrusions in mountain chains. <i>Science Advances</i> , 2018, 4, e1701825.	10.3	34
32	The Hydrothermal System and Geothermal Activity. <i>Active Volcanoes of the World</i> , 2018, , 145-201.	1.4	0
33	New insights into the magmatic-hydrothermal system and volatile budget of Lastarria volcano, Chile: Integrated results from the 2014 IAVCEI CCGV 12th Volcanic Gas Workshop. , 2018, 14, 983-1007.		23
34	Global-scale control of extensional tectonics on CO ₂ earth degassing. <i>Nature Communications</i> , 2018, 9, 4608.	12.8	90
35	Anatomy of a fumarolic system inferred from a multiphysics approach. <i>Scientific Reports</i> , 2018, 8, 7580.	3.3	27
36	Three-Dimensional Electrical Resistivity Tomography of the Solfatara Crater (Italy): Implication for the Multiphase Flow Structure of the Shallow Hydrothermal System. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 8749-8768.	3.4	62

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37	Source and dynamics of a volcanic caldera unrest: Campi Flegrei, 1983â€“84. <i>Scientific Reports</i> , 2017, 7, 8099.	3.3	50
38	Clues on the origin of post-2000 earthquakes at Campi Flegrei caldera (Italy). <i>Scientific Reports</i> , 2017, 7, 4472.	3.3	53
39	Monitoring diffuse volcanic degassing during volcanic unrests: the case of Campi Flegrei (Italy). <i>Scientific Reports</i> , 2017, 7, 6757.	3.3	117
40	Regional earthquakes followed by delayed ground uplifts at Campi Flegrei Caldera, Italy: Arguments for a causal link. <i>Earth and Planetary Science Letters</i> , 2017, 474, 436-446.	4.4	13
41	CO2 flux geothermometer for geothermal exploration. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 213, 1-16.	3.9	13
42	Fumarolic tremor and geochemical signals during a volcanic unrest. <i>Geology</i> , 2017, 45, 1131-1134.	4.4	34
43	Seafloor doming driven by degassing processes unveils sprouting volcanism in coastal areas. <i>Scientific Reports</i> , 2016, 6, 22448.	3.3	32
44	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
45	Magma near the critical degassing pressure drive volcanic unrest towards a critical state. <i>Nature Communications</i> , 2016, 7, 13712.	12.8	144
46	Hydrothermal fluid venting in the offshore sector of Campi Flegrei caldera: A geochemical, geophysical, and volcanological study. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 4153-4178.	2.5	27
47	Geochemistry of fluid discharges from Peteroa volcano (Argentina-Chile) in 2010â€“2015: Insights into compositional changes related to the fluid source region(s). <i>Chemical Geology</i> , 2016, 432, 41-53.	3.3	16
48	Changes in CO2 diffuse degassing induced by the passing of seismic waves. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 320, 12-18.	2.1	15
49	Satellite-derived surface temperature and in situ measurement at Solfatara of Pozzuoli (Naples, Italy). <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 2095-2109.	2.5	7
50	Causes of unrest at silicic calderas in the East African Rift: New constraints from InSAR and soil gas chemistry at Aluto volcano, Ethiopia. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 3008-3030.	2.5	68
51	Geochemistry of the Magmatic-Hydrothermal Fluid Reservoir of Copahue Volcano (Argentina): Insights from the Chemical and Isotopic Features of Fumarolic Discharges. <i>Active Volcanoes of the World</i> , 2016, , 119-139.	1.4	3
52	New ground-based lidar enables volcanic CO2 flux measurements. <i>Scientific Reports</i> , 2015, 5, 13614.	3.3	51
53	Intense magmatic degassing through the lake of Copahue volcano, 2013â€“2014. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 6071-6084.	3.4	50
54	Evidence of thermal-driven processes triggering the 2005â€“2014 unrest at Campi Flegrei caldera. <i>Earth and Planetary Science Letters</i> , 2015, 414, 58-67.	4.4	149

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55	Long-term TIR imagery processing for spatiotemporal monitoring of surface thermal features in volcanic environment: A case study in the Campi Flegrei (Southern Italy). <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 812-826.	3.4	19
56	Investigation of hydrothermal activity at Campi Flegrei caldera using 3D numerical simulations: Extension to high temperature processes. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 299, 68-77.	2.1	28
57	Volcanic, Magmatic and Hydrothermal Gases. , 2015, , 779-797.		53
58	Carbon dioxide diffuse emission and thermal energy release from hydrothermal systems at Copahue-Caviahue Volcanic Complex (Argentina). <i>Journal of Volcanology and Geothermal Research</i> , 2015, 304, 294-303.	2.1	43
59	The geological CO ₂ degassing history of a long-lived caldera. <i>Geology</i> , 2015, 43, 767-770.	4.4	24
60	Heat flux from magmatic hydrothermal systems related to availability of fluid recharge. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 302, 225-236.	2.1	20
61	Gas geochemistry of hydrothermal fluids of the S. Miguel and Terceira Islands, Azores. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 168, 43-57.	3.9	43
62	Modelling Air Dispersion of CO ₂ from Limnic Eruptions. <i>Advances in Volcanology</i> , 2015, , 451-465.	1.1	6
63	Better Forecasting for the Next Volcanic Eruption. <i>Eos</i> , 2015, 96, .	0.1	3
64	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
65	First combined flux chamber survey of mercury and CO ₂ emissions from soil diffuse degassing at Solfatara of Pozzuoli crater, Campi Flegrei (Italy): Mapping and quantification of gas release. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 289, 26-40.	2.1	37
66	Relations between electrical resistivity, carbon dioxide flux, and self-potential in the shallow hydrothermal system of Solfatara (Phlegrean Fields, Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2014, 283, 172-182.	2.1	58
67	Carbon dioxide emission and heat release estimation for Pantelleria Island (Sicily, Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2014, 275, 22-33.	2.1	20
68	Volcanic CO ₂ flux measurement at Campi Flegrei by tunable diode laser absorption spectroscopy. <i>Bulletin of Volcanology</i> , 2014, 76, 1.	3.0	36
69	The Domuyo volcanic system: An enormous geothermal resource in Argentine Patagonia. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 274, 71-77.	2.1	33
70	Geochemical evidences of magma dynamics at Campi Flegrei (Italy). <i>Geochimica Et Cosmochimica Acta</i> , 2014, 132, 1-15.	3.9	59
71	Geochemical and isotopic changes in the fumarolic and submerged gas discharges during the 2011-2012 unrest at Santorini caldera (Greece). <i>Bulletin of Volcanology</i> , 2013, 75, 1.	3.0	46
72	Advective heat transport associated with regional Earth degassing in central Apennine (Italy). <i>Earth and Planetary Science Letters</i> , 2013, 373, 65-74.	4.4	41

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73	Defining a 3D physical model for the hydrothermal circulation at Campi Flegrei caldera (Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2013, 264, 172-182.	2.1	39
74	Diffuse soil emission of hydrothermal gases (CO ₂ , CH ₄ , and C ₆ H ₆) at Solfatara crater (Campi Flegrei). <i>Journal of Volcanology and Geothermal Research</i> , 2013, 264, 183-190.	3.9	31
75	Distinguishing contributions to diffuse CO ₂ emissions in volcanic areas from magmatic degassing and thermal decarbonation using soil gas ²² Rn- ¹³ C systematics: Application to Santorini volcano, Greece. <i>Earth and Planetary Science Letters</i> , 2013, 377-378, 180-190.	4.4	71
76	The cuticle micromorphology of in situ <i>Erica arborea</i> L. exposed to long-term volcanic gases. <i>Environmental and Experimental Botany</i> , 2013, 87, 197-206.	4.2	27
77	Carbon dioxide in the urban area of Naples: Contribution and effects of the volcanic source. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 260, 52-61.	2.1	22
78	Gas geochemistry of the magmatic-hydrothermal fluid reservoir in the Copahue-Caviahue Volcanic Complex (Argentina). <i>Journal of Volcanology and Geothermal Research</i> , 2013, 257, 44-56.	2.1	65
79	Continental delamination and mantle dynamics drive topography, extension and fluid discharge in the Apennines. <i>Geology</i> , 2013, 41, 715-718.	4.4	62
80	First observations of the fumarolic gas output from a restless caldera: Implications for the current period of unrest (2005-2013) at Campi Flegrei. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 4153-4169.	2.5	91
81	An increasing trend of diffuse CO ₂ emission from Teide volcano (Tenerife, Canary). <i>Journal of Volcanology and Geothermal Research</i> , 2013, 260, 52-61.	2.1	27
82	New insights into Mt. Vesuvius hydrothermal system and its dynamic based on a critical review of seismic tomography and geochemical features. <i>Annals of Geophysics</i> , 2013, 56, .	1.0	4
83	Level of carbon dioxide diffuse degassing from the ground of Vesuvio: comparison between extensive surveys and inferences on the gas source. <i>Annals of Geophysics</i> , 2013, 56, .	1.0	5
84	Early signals of new volcanic unrest at Campi Flegrei caldera? Insights from geochemical data and physical simulations. <i>Geology</i> , 2012, 40, 943-946.	4.4	150
85	Measuring non-linear deformation of the Campi Flegrei caldera (Naples, Italy) using a multi-method insar-geophysical approach. , 2012, , .		1
86	Regional groundwater flow and interactions with deep fluids in western Apennine: the case of Narni-Amelia chain (Central Italy). <i>Geofluids</i> , 2012, 12, 182-196.	0.7	14
87	Insights from fumarole gas geochemistry on the origin of hydrothermal fluids on the Yellowstone Plateau. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 89, 265-278.	3.9	40
88	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
89	Time-dependent CO ₂ variations in Lake Albano associated with seismic activity. <i>Bulletin of Volcanology</i> , 2012, 74, 861-871.	3.0	37
90	Influence of volcanic gases on the epidermis of <i>Pinus halepensis</i> Mill. in Campi Flegrei, Southern Italy: A possible tool for detecting volcanism in present and past floras. <i>Journal of Volcanology and Geothermal Research</i> , 2012, 233-234, 1-17.	2.1	24

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91	Geochemical evidence for and characterization of CO ₂ rich gas sources in the epicentral area of the Abruzzo 2009 earthquakes. <i>Earth and Planetary Science Letters</i> , 2011, 304, 389-398.	4.4	99
92	The geochemical signature caused by earthquake propagation in carbonate-hosted faults. <i>Earth and Planetary Science Letters</i> , 2011, 310, 225-232.	4.4	32
93	First ¹³ C/ ¹² C isotopic characterisation of volcanic plume CO ₂ . <i>Bulletin of Volcanology</i> , 2011, 73, 531-542.	3.0	52
94	Temperature and pressure gas geoindicators at the Solfatara fumaroles (Campi Flegrei). <i>Annals of Geophysics</i> , 2011, 54, .	1.0	29
95	Long time-series of chemical and isotopic compositions of Vesuvius fumaroles: evidence for deep and shallow processes. <i>Annals of Geophysics</i> , 2011, 54, .	1.0	14
96	Carbon dioxide diffuse emission from the soil: ten years of observations at Vesuvio and Campi Flegrei (Pozzuoli), and linkages with volcanic activity. <i>Bulletin of Volcanology</i> , 2010, 72, 103-118.	3.0	60
97	Non-volcanic CO ₂ Earth degassing: Case of Mefite d'Ansanto (southern Apennines), Italy. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	86
98	Soil CO ₂ emissions at Furnas volcano, S�o Miguel Island, Azores archipelago: Volcano monitoring perspectives, geomorphologic studies, and land use planning application. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	111
99	CO ₂ degassing at La Solfatara volcano (Phlegrean Fields): Processes affecting and of soil CO ₂ . <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 3521-3538.	3.9	17
100	Long-term variations of the Campi Flegrei, Italy, volcanic system as revealed by the monitoring of hydrothermal activity. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	136
101	Role of non-mantle CO ₂ in the dynamics of volcano degassing: The Mount Vesuvius example. <i>Geology</i> , 2009, 37, 319-322.	4.4	85
102	Carbon-14 as a marker of seismic activity. <i>Radiation Effects and Defects in Solids</i> , 2009, 164, 376-381.	1.2	2
103	Carbon dioxide degassing and thermal energy release in the Monte Amiata volcanic-geothermal area (Italy). <i>Applied Geochemistry</i> , 2009, 24, 860-875.	3.0	82
104	CO ₂ /CH ₄ ratio in fumaroles a powerful tool to detect magma degassing episodes at quiescent volcanoes. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	70
105	Numerical model of gas dispersion emitted from volcanic sources. <i>Annals of Geophysics</i> , 2009, 48, .	1.0	4
106	Geochemical and biochemical evidence of lake overturn and fish kill at Lake Averno, Italy. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 178, 305-316.	2.1	36
107	A shallow-layer model for heavy gas dispersion from natural sources: Application and hazard assessment at Caldara di Manziara, Italy. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	31
108	A New Web-Based Catalog of Earth Degassing Sites in Italy. <i>Eos</i> , 2008, 89, 341-342.	0.1	29

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109	Carbon isotopic composition of soil CO ₂ efflux, a powerful method to discriminate different sources feeding soil CO ₂ degassing in volcanic-hydrothermal areas. <i>Earth and Planetary Science Letters</i> , 2008, 274, 372-379.	4.4	171
110	Carbon dioxide degassing from Tuscany and Northern Latium (Italy). <i>Global and Planetary Change</i> , 2008, 61, 89-102.	3.5	49
111	Fault weakening due to CO ₂ degassing in the Northern Apennines: short- and long-term processes. <i>Geological Society Special Publication</i> , 2008, 299, 175-194.	1.3	45
112	The origin of the fumaroles of La Solfatara (Campi Flegrei, South Italy). <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 3040-3055.	3.9	161
113	Modeling of the thermal state of Mount Vesuvius from 1631 A.D. to present and the role of CO ₂ degassing on the volcanic conduit closure after the 1944 A.D. eruption. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	8
114	Geophysical and hydrogeological experiments from a shallow hydrothermal system at Solfatara Volcano, Campi Flegrei, Italy: Response to caldera unrest. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	59
115	Carbon dioxide degassing at Latera caldera (Italy): Evidence of geothermal reservoir and evaluation of its potential energy. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	95
116	Thermal monitoring of hydrothermal activity by permanent infrared automatic stations: Results obtained at Solfatara di Pozzuoli, Campi Flegrei (Italy). <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	42
117	Correlated increase in CO ₂ fumarolic content and diffuse emission from La Fossa crater (Vulcano, Italy). <i>Journal of Geophysical Research Letters</i> , 2006, 33, .	4.0	124
118	CO ₂ emissions and heat flow through soil, fumaroles, and steam heated mud pools at the Reykjanes geothermal area, SW Iceland. <i>Applied Geochemistry</i> , 2006, 21, 1551-1569.	3.0	98
119	Eddy covariance measurements of hydrothermal heat flux at Solfatara volcano, Italy. <i>Earth and Planetary Science Letters</i> , 2006, 244, 72-82.	4.4	15
120	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
121	Geochemistry of the Submarine Gaseous Emissions of Panarea (Aeolian Islands, Southern Italy): Magmatic vs. Hydrothermal Origin and Implications for Volcanic Surveillance. <i>Pure and Applied Geophysics</i> , 2006, 163, 759-780.	1.9	48
122	Recent activity of Nisyros volcano (Greece) inferred from structural, geochemical and seismological data. <i>Bulletin of Volcanology</i> , 2005, 67, 358-369.	3.0	80
123	Comparative soil CO ₂ flux measurements and geostatistical estimation methods on Masaya volcano, Nicaragua. <i>Bulletin of Volcanology</i> , 2005, 68, 76-90.	3.0	90
124	Volcanic degassing at Somma-Vesuvio (Italy) inferred by chemical and isotopic signatures of groundwater. <i>Applied Geochemistry</i> , 2005, 20, 1060-1076.	3.0	44
125	Carbon dioxide diffuse degassing and estimation of heat release from volcanic and hydrothermal systems. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	162
126	Fluxes of deep CO ₂ in the volcanic areas of central-southern Italy. <i>Journal of Volcanology and Geothermal Research</i> , 2004, 136, 31-52.	2.1	66

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127	Fumarolic and diffuse soil degassing west of Mount Epomeo, Ischia, Italy. <i>Journal of Volcanology and Geothermal Research</i> , 2004, 133, 291-309.	2.1	119
128	Diffuse CO ₂ degassing at Vesuvio, Italy. <i>Bulletin of Volcanology</i> , 2004, 66, 642-651.	3.0	103
129	Modeling of recent volcanic episodes at Phlegrean Fields (Italy): geochemical variations and ground deformation. <i>Geothermics</i> , 2004, 33, 531-547.	3.4	100
130	Evidence of a recent input of magmatic gases into the quiescent volcanic edifice of Panarea, Aeolian Islands, Italy. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	4.0	43
131	Carbon dioxide Earth degassing and seismogenesis in central and southern Italy. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	4.0	352
132	Chemical and isotopic equilibrium between CO ₂ and CH ₄ in fumarolic gas discharges: Generation of CH ₄ in arc magmatic-hydrothermal systems. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 2321-2334.	3.9	91
133	Geochemical evidence for mixing of magmatic fluids with seawater, Nisyros hydrothermal system, Greece. <i>Bulletin of Volcanology</i> , 2003, 65, 505-516.	3.0	72
134	Monitoring and modelling hydrothermal fluid emission at La Solfatara (Phlegrean Fields, Italy). An interdisciplinary approach to the study of diffuse degassing. <i>Journal of Volcanology and Geothermal Research</i> , 2003, 125, 57-79.	2.1	100
135	Magma degassing as a trigger of bradyseismic events: The case of Phlegrean Fields (Italy). <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	161
136	Application of stochastic simulation to CO ₂ flux from soil: Mapping and quantification of gas release. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	238
137	Monitoring volcanic hazard using eddy covariance at Solfatara volcano, Naples, Italy. <i>Earth and Planetary Science Letters</i> , 2003, 210, 561-577.	4.4	25
138	Continuous monitoring of CO ₂ soil diffuse degassing at Phlegrean Fields (Italy): influence of environmental and volcanic parameters. <i>Earth and Planetary Science Letters</i> , 2003, 212, 167-179.	4.4	112
139	Accumulation chamber measurements of methane fluxes: application to volcanic-geothermal areas and landfills. <i>Applied Geochemistry</i> , 2003, 18, 45-54.	3.0	83
140	Geochemical indicators of possible ongoing volcanic unrest at Nisyros Island (Greece). <i>Geophysical Research Letters</i> , 2002, 29, 6-1-6-4.	4.0	59
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