

# Franco F Tassi

## List of Publications by Year in descending order

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186  
papers

4,757  
citations

81900

39  
h-index

155660

55  
g-index

193  
all docs

193  
docs citations

193  
times ranked

4002  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into the Porretta Terme (northern Apennines, Italy) hydrothermal system revealed by geochemical data on presently discharging thermal waters and paleofluids. <i>Environmental Geochemistry and Health</i> , 2022, 44, 1925-1948.	3.4	2
2	Structural analysis and fluid geochemistry as tools to assess the potential of the Tocomar geothermal system, Central Puna (Argentina). <i>Geothermics</i> , 2022, 98, 102297.	3.4	8
3	CO <sub>2</sub> biogeochemical investigation and microbial characterization of red wood ant mounds in a Southern Europe montane forest. <i>Soil Biology and Biochemistry</i> , 2022, 166, 108536.	8.8	5
4	VOLATILE ORGANIC COMPOUNDS FROM GREEN WASTE ANAEROBIC DEGRADATION AT LAB-SCALE: EVOLUTION AND COMPARISON WITH LANDFILL GAS. <i>Detritus</i> , 2022, , 63-74.	0.9	3
5	Geochemistry of fluids discharged from mud volcanoes in SE Caspian Sea (Gorgan Plain, Iran). <i>International Geology Review</i> , 2021, 63, 437-452.	2.1	9
6	Carbon dioxide diffuse degassing as a tool for computing the thermal energy release at Cerro Blanco Geothermal System, Southern Puna (NW Argentina). <i>Journal of South American Earth Sciences</i> , 2021, 105, 102833.	1.4	3
7	Soil CO <sub>2</sub> 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
8	Discontinuous Geochemical Monitoring of the Galleria Italia Circumneutral Waters (Former) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 T Environments - MDPI, 2021, 8, 15.	3.3	6
9	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
10	Boron pollution in the shallow groundwater system from Isola di Castelluccio (central-eastern,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 39 recently-installed hydraulic barrier and hydrogeological modelling. <i>Italian Journal of Geosciences</i> , 2021, 140, 121-140.	0.8	2
11	High concentrations of dissolved biogenic methane associated with cyanobacterial blooms in East African lake surface water. <i>Communications Biology</i> , 2021, 4, 845.	4.4	26
12	Geochemical investigations of the geothermal systems from the Island of Sicily (southern Italy). <i>Geothermics</i> , 2021, 95, 102120.	3.4	4
13	Flux measurements of gaseous elemental mercury (GEM) from the geothermal area of â€œLe Biancaneâ€• natural park (Monterotondo Marittimo, Grosseto, Italy): Biogeochemical processes controlling GEM emission. <i>Journal of Geochemical Exploration</i> , 2021, 228, 106824.	3.2	7
14	Unveiling the changes in urban atmospheric CO <sub>2</sub> in the time of COVID-19 pandemic: A case study of Florence (Italy). <i>Science of the Total Environment</i> , 2021, 795, 148877.	8.0	9
15	Hydrogen-Rich Gas Produced by the Chemical Neutralization of Reactive By-Products from the Screening Processes of the Secondary Aluminum Industry. <i>Sustainability</i> , 2021, 13, 12261.	3.2	5
16	Exploring Methane Emission Drivers in Wetlands: The Cases of Massaciuccoli and Porta Lakes (Northern Tuscany, Italy). <i>Applied Sciences (Switzerland)</i> , 2021, 11, 12156.	2.5	4
17	Seasonal and diurnal variations of greenhouse gases in Florence (Italy): Inferring sources and sinks from carbon isotopic ratios. <i>Science of the Total Environment</i> , 2020, 698, 134245.	8.0	9
18	Geochemistry of Bazman thermal springs, southeast Iran. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 390, 106676.	2.1	5

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19	Application of CO <sub>2</sub> carbon stable isotope analysis to ant trophic ecology. <i>Entomologia Experimentalis Et Applicata</i> , 2020, 168, 940-947.	1.4	3
20	Chemical and isotopic features of Li-rich brines from the Salar de Olaroz, Central Andes of NW Argentina. <i>Journal of South American Earth Sciences</i> , 2020, 103, 102742.	1.4	9
21	Dissolved Organic Matter in Continental Hydro-Geothermal Systems: Insights from Two Hot Springs of the East African Rift Valley. <i>Water (Switzerland)</i> , 2020, 12, 3512.	2.7	7
22	Geochemical features of hydrothermal systems in Jujuy Province, Argentina: Hints for geothermal fluid exploration. <i>Journal of South American Earth Sciences</i> , 2020, 101, 102627.	1.4	2
23	New and interesting records of jewel and longhorn beetles from Abruzzo, Lazio and Molise National Park, Italy (Coleoptera: Buprestidae and Cerambycidae). <i>Fragmenta Entomologica</i> , 2020, 52, 63-66.	0.4	0
24	Geochemistry of gas and water discharge from the magmatic-hydrothermal system of Guallatiri volcano, northern Chile. <i>Bulletin of Volcanology</i> , 2020, 82, 1.	3.0	10
25	Dissolved organic matter in a tropical saline-alkaline lake of the East African Rift Valley.. <i>Water Research</i> , 2020, 173, 115532.	11.3	29
26	Volatile organic compounds (VOCs) in solid waste landfill cover soil: Chemical and isotopic composition vs. degradation processes. <i>Science of the Total Environment</i> , 2020, 726, 138326.	8.0	36
27	Hydrogeochemistry, circulation path and arsenic distribution in Tahlab aquifer, East of Taftan Volcano, SE Iran. <i>Applied Geochemistry</i> , 2020, 119, 104629.	3.0	5
28	Mantle vs. crustal fluid sources in the gas discharges from Lesser Caucasus and Talysh Mountains (Azerbaijan) in relation to the regional geotectonic setting. <i>Applied Geochemistry</i> , 2020, 118, 104643.	3.0	3
29	Total CO <sub>2</sub> output and carbon origin discharged from Rinc�n de Parangueo Maar (M�xico). <i>Journal of Geochemical Exploration</i> , 2020, 215, 106558.	3.2	1
30	Geochemical survey of the Colpitas-Taapaca volcanic-hydrothermal system, northern Chile. <i>Italian Journal of Geosciences</i> , 2020, 139, 359-373.	0.8	1
31	Degassing and Cycling of Mercury at Nisyros Volcano (Greece). <i>Geofluids</i> , 2019, 2019, 1-18.	0.7	6
32	Anomalous concentrations of arsenic, fluoride and radon in volcanic-sedimentary aquifers from central Italy: Quality indexes for management of the water resource. <i>Environmental Pollution</i> , 2019, 253, 525-537.	7.5	26
33	Bacterial Communities from Extreme Environments: Vulcano Island. <i>Diversity</i> , 2019, 11, 140.	1.7	9
34	Microbiomes in Soils Exposed to Naturally High Concentrations of CO <sub>2</sub> (Bossoleto Mofette Tuscany, Italy). <i>Frontiers in Microbiology</i> , 2019, 10, 102213.	3.5	11
35	The Campo de Calatrava Volcanic Field (central Spain): Fluid geochemistry in a CO <sub>2</sub> -rich area. <i>Applied Geochemistry</i> , 2019, 102, 153-170.	3.0	7
36	Preliminary conceptual model of the Cerro Blanco caldera-hosted geothermal system (Southern Tuscany). <i>Journal of South American Earth Sciences</i> , 2019, 94, 102213.	1.4	27

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37	Origin of fluids discharged from mud volcanoes in SE Iran. <i>Marine and Petroleum Geology</i> , 2019, 106, 190-205.	3.3	14
38	Water and dissolved gas geochemistry at Coatepeque, Ilopango and Chanmico volcanic lakes (El Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.1	13
39	The Last Eighteen Years (1998â€“2014) of Fumarolic Degassing at the PoÃ±s Volcano (Costa Rica) and Renewal Activity. <i>Active Volcanoes of the World</i> , 2019, , 235-260.	1.4	2
40	Structural architecture releasing deep-sourced carbon dioxide diffuse degassing at the Caviahue â€“ Copahue Volcanic Complex. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 374, 131-141.	2.1	23
41	Carbon isotopic signature of interstitial soil gases reveals the potential role of ecosystems in mitigating geogenic greenhouse gas emissions: Case studies from hydrothermal systems in Italy. <i>Science of the Total Environment</i> , 2019, 655, 887-898.	8.0	29
42	A multi-instrumental geochemical approach to assess the environmental impact of CO2-rich gas emissions in a densely populated area: The case of Cava dei Selci (Latium, Italy). <i>Applied Geochemistry</i> , 2019, 101, 109-126.	3.0	19
43	Origin of methane and light hydrocarbons in natural fluid emissions: A key study from Greece. <i>Chemical Geology</i> , 2018, 479, 286-301.	3.3	32
44	Contamination test of metal and nonâ€“metal elements from copper gas pipe to food gases. <i>Packaging Technology and Science</i> , 2018, 31, 151-156.	2.8	3
45	Biogeochemistry and biodiversity in a network of salineâ€“alkaline lakes: Implications of ecohydrological connectivity in the Kenyan Rift Valley. <i>Ecohydrology and Hydrobiology</i> , 2018, 18, 96-106.	2.3	41
46	New insights into the magmatic-hydrothermal system and volatile budget of Lastarria volcano, Chile: Integrated results from the 2014 IAVCEI CCVG 12th Volcanic Gas Workshop. , 2018, 14, 983-1007.		23
47	The acidic waters in Italy: a brief overview. <i>Acque Sotterranee - Italian Journal of Groundwater</i> , 2018, , .	0.3	0
48	Microbiome profiling in extremely acidic soils affected by hydrothermal fluids: the case of the Solfatara Crater (Campi Flegrei, southern Italy). <i>FEMS Microbiology Ecology</i> , 2018, 94, .	2.7	19
49	Mechanisms regulating CO2 and CH4 dynamics in the Azorean volcanic lakes (SÃ£o Miguel Island,) Tj ETQq1 1 0.784314 rgBT /Overlock 13	1.1	13
50	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
51	Active hydrothermal fluids circulation triggering small-scale collapse events: the case of the 2001â€“2002 fissure in the Lakki Plain (Nisyros Island, Aegean Sea, Greece). <i>Natural Hazards</i> , 2018, 93, 601-626.	3.4	11
52	The biogeochemical vertical structure renders a meromictic volcanic lake a trap for geogenic CO2 (Lake Averno, Italy). <i>PLoS ONE</i> , 2018, 13, e0193914.	2.5	16
53	The gas membrane sensor (GMS) method: a new analytical approach for real-time gas concentration measurements in volcanic lakes. <i>Geological Society Special Publication</i> , 2017, 437, 223-232.	1.3	4
54	A new approach for the measurement of gaseous elemental mercury (GEM) and H2S in air from anthropogenic and natural sources: Examples from Mt. Amiata (Siena, Central Italy) and Solfatara Crater (Campi Flegrei, Southern Italy). <i>Journal of Geochemical Exploration</i> , 2017, 175, 48-58.	3.2	27

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55	Geothermal potential and origin of natural thermal fluids in the northern Lake Abaya area, Main Ethiopian Rift, East Africa. <i>Journal of Volcanology and Geothermal Research</i> , 2017, 336, 1-18.	2.1	20
56	Mineral-assisted production of benzene under hydrothermal conditions: Insights from experimental studies on C 6 cyclic hydrocarbons. <i>Journal of Volcanology and Geothermal Research</i> , 2017, 346, 21-27.	2.1	14
57	Authigenic minerals from the Paola Ridge (southern Tyrrhenian Sea): Evidences of episodic methane seepage. <i>Marine and Petroleum Geology</i> , 2017, 86, 228-247.	3.3	20
58	Fluid geochemistry of a deep-seated geothermal resource in the Puna plateau (Jujuy Province,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	2.1	31
59	Chemical alteration and mineral growth under high p CO 2 conditions: Insights from the mineral chemistry of carbonate phases in the Caprese Reservoir (Northern Apennines, central Italy). <i>Chemical Geology</i> , 2017, 450, 81-95.	3.3	1
60	The 2012â€“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
61	Geochemical constraints on volatile sources and subsurface conditions at Mount Martin, Mount Mageik, and Trident Volcanoes, Katmai Volcanic Cluster, Alaska. <i>Journal of Volcanology and Geothermal Research</i> , 2017, 347, 64-81.	2.1	12
62	Fractionation processes affecting the stable carbon isotope signature of thermal waters from hydrothermal/volcanic systems: The examples of Campi Flegrei and Vulcano Island (southern Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2017, 345, 46-57.	2.1	34
63	Geochemistry of hydrothermal fluids from the eastern sector of the Sabatini Volcanic District (central Italy). <i>Applied Geochemistry</i> , 2017, 84, 187-201.	3.0	14
64	HCl degassing from extremely acidic crater lakes: preliminary results from experimental determinations and implications for geochemical monitoring. <i>Geological Society Special Publication</i> , 2017, 437, 97-106.	1.3	17
65	Gaseous Elemental Mercury and Total and Leached Mercury in Building Materials from the Former Hg-Mining Area of Abbadia San Salvatore (Central Italy). <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 425.	2.6	17
66	Preliminary Data on the Structure and Potential of the Tocomar Geothermal Field (Puna Plateau,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.8	16
67	Seafloor doming driven by degassing processes unveils sprouting volcanism in coastal areas. <i>Scientific Reports</i> , 2016, 6, 22448.	3.3	32
68	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
69	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
70	Hydrogen sulfide measurements in air by passive/diffusive samplers and high-frequency analyzer: A critical comparison. <i>Applied Geochemistry</i> , 2016, 72, 51-58.	3.0	11
71	Diffuse soil gas emissions of gaseous elemental mercury (GEM) from hydrothermal-volcanic systems: An innovative approach by using the static closed-chamber method. <i>Applied Geochemistry</i> , 2016, 66, 234-241.	3.0	17
72	Chemical and isotopic features of cold and thermal fluids discharged in the Southern Volcanic Zone between 32.5Â°S and 36Â°S: Insights into the physical and chemical processes controlling fluid geochemistry in geothermal systems of Central Chile. <i>Chemical Geology</i> , 2016, 420, 97-113.	3.3	41

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73	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
74	Risk Assessment and Mitigation at Copahue Volcano. <i>Active Volcanoes of the World</i> , 2016, , 239-254.	1.4	3
75	Ground heating and methane oxidation processes at shallow depth in Terre Calde di Medolla (Italy): Observations and conceptual model. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 3048-3064.	3.4	18
76	Geochemical characterization of the ground waters from the former Hg-mining area of Abbazia San Salvatore (Mt. Amiata, central Italy): criticalities and perspectives for the reclamation process. <i>Italian Journal of Geosciences</i> , 2015, 134, 304-322.	0.8	19
77	Geochemical and isotopic evidences for a severe anthropogenic boron contamination: A case study from Castelluccio (Arezzo, central Italy). <i>Applied Geochemistry</i> , 2015, 63, 146-157.	3.0	15
78	Intense magmatic degassing through the lake of Copahue volcano, 2013–2014. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 6071-6084.	3.4	50
79	Gases in Volcanic Lake Environments. <i>Advances in Volcanology</i> , 2015, , 125-153.	1.1	15
80	A Comparative $^{87}\text{Sr}/^{86}\text{Sr}$ Study in Red and White Wines to Validate its Use as Geochemical Tracer for the Geographical Origin of Wine. <i>Procedia Earth and Planetary Science</i> , 2015, 13, 169-172.	0.6	17
81	Spatial distribution of arsenic, uranium and vanadium in the volcanic-sedimentary aquifers of the Vicano–Cimino Volcanic District (Central Italy). <i>Journal of Geochemical Exploration</i> , 2015, 152, 123-133.	3.2	52
82	Volatile organic compounds (VOCs) in soil gases from Solfatara crater (Campi Flegrei, southern Italy): Geogenic source(s) vs. biogeochemical processes. <i>Applied Geochemistry</i> , 2015, 56, 37-49.	3.0	33
83	Biodegradation of $\text{CO}_2$ , $\text{CH}_4$ and volatile organic compounds (VOCs) in soil gas from the Vicano–Cimino hydrothermal system (central Italy). <i>Organic Geochemistry</i> , 2015, 86, 81-93.	1.8	23
84	Volcanic Lakes. <i>Advances in Volcanology</i> , 2015, , 1-20.	1.1	25
85	Isotopic patterns of hydrothermal hydrocarbons emitted from Mediterranean volcanoes. <i>Chemical Geology</i> , 2015, 396, 152-163.	3.3	33
86	New geochemical and isotopic insights to evaluate the geothermal resource of the hydrothermal system of Rosario de la Frontera (Salta, northern Argentina). <i>Journal of Volcanology and Geothermal Research</i> , 2015, 295, 16-25.	2.1	7
87	A combined geochemical and isotopic study of the fluids discharged from the Montecatini thermal system (NW Tuscany, Italy). <i>Applied Geochemistry</i> , 2015, 59, 33-46.	3.0	17
88	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
89	Are Limnic Eruptions in the $\text{CO}_2$ – $\text{CH}_4$ -Rich Gas Reservoir of Lake Kivu (Democratic Republic of the Congo) a New Type of Volcanic Activity? <i>Journal of Volcanology and Geothermal Research</i> , 2015, , 489-505.	1.1	5
90	Trace elements mobility in soils from the hydrothermal area of Nisyros (Greece). <i>Annals of Geophysics</i> , 2015, 57, .	1.0	2

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91	Annex 2 to: Trace elements mobility in soils from the hydrothermal area of Nisyros (Greece). <i>Annals of Geophysics</i> , 2015, 57, .	1.0	0
92	Annex 3 to: Trace elements mobility in soils from the hydrothermal area of Nisyros (Greece). <i>Annals of Geophysics</i> , 2015, 57, .	1.0	0
93	Annex 1 to: Trace elements mobility in soils from the hydrothermal area of Nisyros (Greece). <i>Annals of Geophysics</i> , 2015, 57, .	1.0	0
94	Geosphere-Biosphere Interactions in Bio-Activity Volcanic Lakes: Evidences from Hule and R��o Cuarto (Costa Rica). <i>PLoS ONE</i> , 2014, 9, e102456.	2.5	19
95	An overview of the structure, hazards, and methods of investigation of Nyos-type lakes from the geochemical perspective. <i>Journal of Limnology</i> , 2014, 73, .	1.1	24
96	Hydrogeochemical processes controlling water and dissolved gas chemistry at the Accesa sinkhole (southern Tuscany, central Italy). <i>Journal of Limnology</i> , 2014, 73, .	1.1	4
97	Migration Processes of Metal Elements from Carbon Steel Cylinders to Food Gases. <i>Packaging Technology and Science</i> , 2014, 27, 787-797.	2.8	9
98	Preliminary assessment of the geothermal potential of Rosario de la Frontera area (Salta, NW) of South American Earth Sciences, 2014, 54, 20-36.	1.4	11
99	Fluid geochemistry and geothermometry in the unexploited geothermal field of the Vicano��Cimino Volcanic District (Central Italy). <i>Chemical Geology</i> , 2014, 371, 96-114.	3.3	32
100	Past, present and future of volcanic lake monitoring. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 272, 78-97.	2.1	82
101	Geochemical evolution of southern Red Sea and Yemen flood volcanism: evidence for mantle heterogeneity. <i>Arabian Journal of Geosciences</i> , 2014, 7, 4831-4850.	1.3	6
102	Gas emissions from five volcanoes in northern Chile and implications for the volatiles budget of the Central Volcanic Zone. <i>Geophysical Research Letters</i> , 2014, 41, 4961-4969.	4.0	31
103	Geochemistry of thermal fluids in NW Honduras: New perspectives for exploitation of geothermal areas in the southern Sula graben. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 280, 40-52.	2.1	15
104	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
105	Compositional spatial zonation and 2005��2013 temporal evolution of the hydrothermal-magmatic fluids from the submarine fumarolic field at Panarea Island (Aeolian Archipelago, southern Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2014, 277, 41-50.	2.1	10
106	Origin of the gases released from the Acqua Passante and Ermeta wells (Mt. Amiata, central Italy) and possible environmental implications for their closure. <i>Annals of Geophysics</i> , 2014, 57, .	1.0	4
107	Gas chemistry of the Dallol region of the Danakil Depression in the Afar region of the northern-most East African Rift. <i>Chemical Geology</i> , 2013, 339, 16-29.	3.3	61
108	Origin of fumarolic fluids from Tupungatito Volcano (Central Chile): interplay between magmatic, hydrothermal, and shallow meteoric sources. <i>Bulletin of Volcanology</i> , 2013, 75, 1.	3.0	15



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109	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
110	Volatile organic compounds (VOCs) in air from Nisyros Island (Dodecanese Archipelago, Greece): Natural versus anthropogenic sources. <i>Environmental Pollution</i> , 2013, 180, 111-121.	7.5	20
111	Impact of volcanic emissions on rainwater chemistry: The case of Mt. Nyiragongo in the Virunga volcanic region (DRC). <i>Journal of Geochemical Exploration</i> , 2013, 125, 69-79.	3.2	33
112	Holocene lacustrine fluctuations and deep CO <sub>2</sub> degassing in the northeastern Lake Langano Basin (Main Ethiopian Rift). <i>Journal of African Earth Sciences</i> , 2013, 77, 1-10.	2.0	16
113	Biogeochemical processes involving dissolved CO <sub>2</sub> and CH <sub>4</sub> at Albano, Averno, and Monticchio meromictic volcanic lakes (Central–Southern Italy). <i>Bulletin of Volcanology</i> , 2013, 75, 1.	3.0	31
114	Dissolved nitrates in the groundwater of the Cecina Plain (Tuscany, Central-Western Italy): Clues from the isotopic signature of  $\text{NO}_3^-$ . <i>Applied Geochemistry</i> , 2013, 34, 38-52.	3.0	21
115	Hydrogeochemistry of surface and spring waters in the surroundings of the CO <sub>2</sub> injection site at Hontomán–Huermece (Burgos, Spain). <i>International Journal of Greenhouse Gas Control</i> , 2013, 14, 151-168.	4.6	22
116	Constraints on magma processes, subsurface conditions, and total volatile flux at Bezymianny Volcano in 2007–2010 from direct and remote volcanic gas measurements. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 263, 92-107.	2.1	42
117	Diffuse soil emission of hydrothermal gases (CO <sub>2</sub> , CH <sub>4</sub> , and C <sub>2</sub> H <sub>6</sub> ) at Solfatara crater (Campi Flegrei, Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2013, 263, 108-114.	3.0	31
118	Carbon-bearing gas geothermometers for volcanic-hydrothermal systems. <i>Chemical Geology</i> , 2013, 351, 66-75.	3.3	29
119	The high pCO <sub>2</sub> Caprese Reservoir (Northern Apennines, Italy): Relationships between present- and paleo-fluid geochemistry and structural setting. <i>Chemical Geology</i> , 2013, 351, 40-56.	3.3	12
120	Deep gases discharged from mud volcanoes of Azerbaijan: New geochemical evidence. <i>Marine and Petroleum Geology</i> , 2013, 43, 450-463.	3.3	26
121	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
122	Geothermal prospecting by geochemical methods in the Quaternary volcanic province of Dhamar (central Yemen). <i>Journal of Volcanology and Geothermal Research</i> , 2013, 249, 95-108.	2.1	13
123	Distribution of gaseous Hg in the Mercury mining district of Mt. Amiata (Central Italy): A geochemical survey prior the reclamation project. <i>Environmental Research</i> , 2013, 125, 179-187.	7.5	59
124	A magmatic source for fumaroles and diffuse degassing from the summit crater of Teide Volcano (Tenerife, Canary Islands): a geochemical evidence for the 2004–2005 seismic–volcanic crisis. <i>Bulletin of Volcanology</i> , 2012, 74, 1465-1483.	3.0	37
125	Sampling and analytical procedures for the determination of VOCs released into air from natural and anthropogenic sources: A comparison between SPME (Solid Phase Micro Extraction) and ST (Solid) 	1.0	14
126	Origin of light hydrocarbons in gases from mud volcanoes and CH <sub>4</sub> -rich emissions. <i>Chemical Geology</i> , 2012, 294-295, 113-126.	3.3	48



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127	Origins of methane discharging from volcanic-hydrothermal, geothermal and cold emissions in Italy. <i>Chemical Geology</i> , 2012, 310-311, 36-48.	3.3	76
128	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
129	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
130	Water and dissolved gas geochemistry of the monomictic Paterno sinkhole (central Italy). <i>Journal of Limnology</i> , 2012, 71, 27.	1.1	4
131	Time-dependent CO <sub>2</sub> variations in Lake Albano associated with seismic activity. <i>Bulletin of Volcanology</i> , 2012, 74, 861-871.	3.0	37
132	Geochemical model of a magmatic-hydrothermal system at the Lastarria volcano, northern Chile. <i>Bulletin of Volcanology</i> , 2012, 74, 119-134.	3.0	43
133	Fluid geochemistry and geothermometry in the western sector of the Sabatini Volcanic District and the Tolfa Mountains (Central Italy). <i>Chemical Geology</i> , 2011, 284, 160-181.	3.3	50
134	Biotic and inorganic control on travertine deposition at Bullicame 3 spring (Viterbo, Italy): A multidisciplinary approach. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 4441-4455.	3.9	29
135	Submarine and Inland Gas Discharges from the Campi Flegrei (Southern Italy) and the Pozzuoli Bay: Geochemical Clues for a Common Hydrothermal-Magmatic Source. <i>Procedia Earth and Planetary Science</i> , 2011, 4, 57-73.	0.6	28
136	Hydrogeochemistry of the thermal waters from the Sciacca Geothermal Field (Sicily, southern Italy). <i>Journal of Hydrology</i> , 2011, 396, 292-301.	5.4	23
137	Geochemical and isotopic evidences of magmatic inputs in the hydrothermal reservoir feeding the fumarolic discharges of Tacora volcano (northern Chile). <i>Journal of Volcanology and Geothermal Research</i> , 2011, 208, 77-85.	2.1	44
138	Flux measurements of benzene and toluene from landfill cover soils. <i>Waste Management and Research</i> , 2011, 29, 50-58.	3.9	11
139	Geochemical monitoring of volcanic lakes. A generalized box model for active crater lakes. <i>Annals of Geophysics</i> , 2011, 54, .	1.0	13
140	Gas discharges from four remote volcanoes in northern Chile (Putana, Olca, Irruputuncu and Alitar): a geochemical survey. <i>Annals of Geophysics</i> , 2011, 54, .	1.0	12
141	Evolution of fluid geochemistry at the Turrialba volcano (Costa Rica) from 1998 to 2008. <i>Bulletin of Volcanology</i> , 2010, 72, 397-410.	3.0	62
142	Fluid geochemistry of hydrothermal systems in the Arica-Parinacota, Tarapacá and Antofagasta regions (northern Chile). <i>Journal of Volcanology and Geothermal Research</i> , 2010, 192, 1-15.	2.1	123
143	Geophysical, geochemical and geodetical signals of reawakening at Turrialba volcano (Costa Rica) after almost 150years of quiescence. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 198, 416-432.	2.1	49
144	Origin and Distribution of Thiophenes and Furans in Gas Discharges from Active Volcanoes and Geothermal Systems. <i>International Journal of Molecular Sciences</i> , 2010, 11, 1434-1457.	4.1	24

#	ARTICLE	IF	CITATIONS
145	Experimental investigation of CO <sub>2</sub> -rich fluids production in a geothermal area: The Mt Amiata (Tuscany, Italy) case study. <i>Chemical Geology</i> , 2010, 274, 177-186.	3.3	11
146	Gas isotopic signatures (He, C, and Ar) in the Lake Kivu region (western branch of the East African rift) Tj ETQq0 0 0,rgBT /Overlock 10 T	3.3	44
147	Morphological and geochemical features of crater lakes in Costa Rica: an overview. <i>Journal of Limnology</i> , 2009, 68, 193.	1.1	31
148	Degradation of C <sub>2</sub> â€“C <sub>15</sub> volatile organic compounds in a landfill cover soil. <i>Science of the Total Environment</i> , 2009, 407, 4513-4525.	8.0	51
149	The magmatic- and hydrothermal-dominated fumarolic system at the Active Crater of Lascar volcano, northern Chile. <i>Bulletin of Volcanology</i> , 2009, 71, 171-183.	3.0	60
150	A Geochemical Multi-Methodological Approach in Hazard Assessment of CO <sub>2</sub> -Rich Gas Emissions at Mt. Amiata Volcano (Tuscany, Central Italy). <i>Water, Air and Soil Pollution</i> , 2009, 9, 117-127.	0.8	17
151	Geochemical modeling of CO <sub>2</sub> storage in deep reservoirs: The Weyburn Project (Canada) case study. <i>Chemical Geology</i> , 2009, 265, 181-197.	3.3	108
152	Volcanological and petrological evolution of Barren Island (Andaman Sea, Indian Ocean). <i>Journal of Asian Earth Sciences</i> , 2009, 35, 469-487.	2.3	19
153	Low-pH waters discharging from submarine vents at Panarea Island (Aeolian Islands, southern Italy) after the 2002 gas blast: Origin of hydrothermal fluids and implications for volcanic surveillance. <i>Applied Geochemistry</i> , 2009, 24, 246-254.	3.0	50
154	Water and gas chemistry at Lake Kivu (DRC): Geochemical evidence of vertical and horizontal heterogeneities in a multibasin structure. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	2.5	71
155	The Tianjin geothermal field (north-eastern China): Water chemistry and possible reservoir permeability reduction phenomena. <i>Geothermics</i> , 2008, 37, 400-428.	3.4	29
156	Scent of a myth: tectonics, geochemistry and geomythology at Delphi (Greece). <i>Journal of the Geological Society</i> , 2008, 165, 5-18.	2.1	19
157	Hydrogeochemistry and strontium isotopes in the Arno River Basin (Tuscany, Italy): Constraints on natural controls by statistical modeling. <i>Journal of Hydrology</i> , 2008, 360, 166-183.	5.4	61
158	Natural Fluctuation of Sulfur Species in Volcanic Fumaroles. <i>Journal of Non-Equilibrium Thermodynamics</i> , 2008, 33, 75-102.	4.2	6
159	Five years measurements of CO <sub>2</sub> and air concentrations by DSA IR laser devices. Results and perspectives for laser remote sensing systems of gas emissions by critical areas. , 2007, , .		3
160	Thermal springs, fumaroles and gas vents of continental Yemen: Their relation with active tectonics, regional hydrology and the countryâ€™s geothermal potential. <i>Applied Geochemistry</i> , 2007, 22, 799-820.	3.0	35
161	Scrubbing process and chemical equilibria controlling the composition of light hydrocarbons in natural gas discharges: An example from the geothermal fields of El Salvador. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, n/a-n/a.	2.5	41
162	Submarine gas burst at Panarea Island (southern Italy) on 3 November 2002: A magmatic versus hydrothermal episode. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	56

#	ARTICLE	IF	CITATIONS
163	January 2002 volcano-tectonic eruption of Nyiragongo volcano, Democratic Republic of Congo. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	90
164	Fumarolic gases at Mombacho volcano (Nicaragua): presence of magmatic gas species and implications for volcanic surveillance. <i>Bulletin of Volcanology</i> , 2007, 69, 785-795.	3.0	10
165	A new, rapid and reliable method for the determination of reduced sulphur (S <sup>2-</sup> ) species in natural water discharges. <i>Applied Geochemistry</i> , 2006, 21, 849-857.	3.0	15
166	Short term validated geochemical model of CO <sub>2</sub> sequestration. <i>Diqiu Huaxue</i> , 2006, 25, 277-277.	0.5	0
167	Compositional changes in a fumarolic field, Vulcano Island, Italy: a statistical case study. <i>Geological Society Special Publication</i> , 2006, 264, 67-77.	1.3	6
168	Fluid geochemistry versus tectonic setting: the case study of Morocco. <i>Geological Society Special Publication</i> , 2006, 262, 131-145.	1.3	10
169	The hydrothermal-volcanic system of Rincon de la Vieja volcano (Costa Rica): A combined (inorganic) Tj ETQq1 1 0.784314 rgBT /Over possible application to volcanic surveillance. <i>Journal of Volcanology and Geothermal Research</i> , 2005, 148, 315-333.	2.1	57
170	Light hydrocarbons as redox and temperature indicators in the geothermal field of El Tatio (northern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.0	48
171	Source conditions and degradation processes of light hydrocarbons in volcanic gases: an example from El Chich <sup>n</sup> volcano (Chiapas State, Mexico). <i>Chemical Geology</i> , 2004, 206, 81-96.	3.3	68
172	Chemical composition of fumarolic gases and spring discharges from El Chich <sup>n</sup> volcano, Mexico: causes and implications of the changes detected over the period 1998-2000. <i>Journal of Volcanology and Geothermal Research</i> , 2003, 123, 105-121.	2.1	61
173	Geochemistry, geothermics and relationship to active tectonics of Gujarat and Rajasthan thermal discharges, India. <i>Journal of Volcanology and Geothermal Research</i> , 2003, 127, 19-32.	2.1	23
174	The origin of thermal waters from the eastern flank of the Dead Sea Rift Valley (western Jordan). <i>Terra Nova</i> , 2003, 15, 145-154.	2.1	9
175	Fumarole migration and fluid geochemistry at Po <sup>s</sup> Volcano (Costa Rica) from 1998 to 2001. <i>Geological Society Special Publication</i> , 2003, 213, 247-262.	1.3	17
176	A geochemical traverse across the Eastern Carpathians (Romania): constraints on the origin and evolution of the mineral water and gas discharges. <i>Chemical Geology</i> , 2002, 182, 637-654.	3.3	65
177	Geochemistry of Quaternary travertines in the region north of Rome (Italy): structural, hydrologic and paleoclimatic implications. <i>Earth and Planetary Science Letters</i> , 2002, 203, 709-728.	4.4	152
178	Fluid mixing in carbonate aquifers near Rapolano (central Italy): chemical and isotopic constraints. <i>Applied Geochemistry</i> , 2002, 17, 1329-1342.	3.0	54
179	Sulfur Species in Volcanic Gases. <i>Analytical Chemistry</i> , 2001, 73, 3709-3715.	6.5	99
180	Organic and inorganic geochemistry of low temperature gas discharges at the Baia di Levante beach, Vulcano Island, Italy. <i>Journal of Volcanology and Geothermal Research</i> , 2001, 108, 173-185.	2.1	49

#	ARTICLE	IF	CITATIONS
181	Origin and evolution of "intracratonic" thermal fluids from central-western peninsular India. Earth and Planetary Science Letters, 2000, 181, 377-394.	4.4	79
182	Fluid geochemical transect in the Northern Apennines (central-northern Italy): fluid genesis and migration and tectonic implications. Tectonophysics, 2000, 319, 199-222.	2.2	97
183	Chemical characters of crater lakes in the Azores and Italy: the anomaly of Lake Albano.. Geochemical Journal, 1994, 28, 173-184.	1.0	46
184	Abiogenesis not required to explain the origin of volcanic-hydrothermal hydrocarbons. Geochemical Perspectives Letters, 0, , 23-27.	5.0	33
185	Major, trace element, and Sr isotope geochemistry of surface and ground waters in the Chiavenna Valley (Sondrio, Northern Italy). Rendiconti Online Societa Geologica Italiana, 0, 30, 62-65.	0.3	0
186	PM10: a potential source of secondary raw materials. Rendiconti Online Societa Geologica Italiana, 0, 46, 181-186.	0.3	0