

Roberto Sulpizio

List of Publications by Year in descending order

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Version: 2024-02-01

162
papers

6,525
citations

50244

46
h-index

85498

71
g-index

184
all docs

184
docs citations

184
times ranked

3929
citing authors

#	ARTICLE	IF	CITATIONS
1	Magma–rock interactions: a review of their influence on magma rising processes with emphasis on short-timescale assimilation of carbonate rocks. <i>Geological Society Special Publication</i> , 2023, 520, 101-120.	0.8	4
2	Sedimentological analysis of ash-rich pyroclastic density currents, with special emphasis on sin-depositional erosion and clast incorporation: The Brown Tuff eruptions (Vulcano, Italy). <i>Sedimentary Geology</i> , 2022, 427, 106040.	1.0	5
3	Garnet petrochronology reveals the lifetime and dynamics of phonolitic magma chambers at Somma-Vesuvius. <i>Science Advances</i> , 2022, 8, eabk2184.	4.7	2
4	Linking the Mediterranean MIS 5 tephra markers to Campi Flegrei (southern Italy) 109–92 ka explosive activity and refining the chronology of MIS 5c-d millennial-scale climate variability. <i>Global and Planetary Change</i> , 2022, 211, 103785.	1.6	9
5	Formal definition and description of lithostratigraphic units related to the Miocene silicic pyroclastic rocks outcropping in Northern Hungary: A revision. <i>Geologica Carpathica</i> , 2022, 73, .	0.2	7
6	Detecting multiscale periodicity from the secular effusive activity at Santiaguito lava dome complex (Guatemala). <i>Earth, Planets and Space</i> , 2022, 74, .	0.9	0
7	Shallow-water models for volcanic granular flows: A review of strengths and weaknesses of TITAN2D and FLO2D numerical codes. <i>Journal of Volcanology and Geothermal Research</i> , 2021, 410, 107146.	0.8	4
8	The impact of pyroclastic density currents duration on humans: the case of the AD 79 eruption of Vesuvius. <i>Scientific Reports</i> , 2021, 11, 4959.	1.6	12
9	Correlating volcanic dynamics and the construction of a submarine volcanogenic apron: An example from the Badenian (Middle Miocene) of North-Eastern Hungary. <i>Marine and Petroleum Geology</i> , 2021, 126, 104944.	1.5	9
10	Lake Ohrid’s teprochronological dataset reveals 1.36‰Ma of Mediterranean explosive volcanic activity. <i>Scientific Data</i> , 2021, 8, 231.	2.4	12
11	Olive groves around the lake. A ten-thousand-year history of a Cretan landscape (Greece) reveals the dominant role of humans in making this Mediterranean ecosystem. <i>Quaternary Science Reviews</i> , 2021, 267, 107072.	1.4	10
12	Inverting sediment bedforms for evaluating the hazard of dilute pyroclastic density currents in the field. <i>Scientific Reports</i> , 2021, 11, 21024.	1.6	3
13	The Late Holocene tephra record of the central Mediterranean Sea: Mapping occurrences and new potential isochrons for the 4.4–2.0 ka time interval. <i>Journal of Quaternary Science</i> , 2020, 35, 213-231.	1.1	10
14	Characterizing magma fragmentation and its relationship with eruptive styles of Somma-Vesuvius volcano (Naples, Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2020, 393, 106683.	0.8	1
15	Frequent activity on Vulcano (Italy) spanning the last 80 ky: New insights from the chemo-stratigraphy of the Brown Tuffs. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 406, 107079.	0.8	3
16	Total grain size distribution of components of fallout deposits and implications for magma fragmentation mechanisms: examples from Campi Flegrei caldera (Italy). <i>Bulletin of Volcanology</i> , 2020, 82, 1.	1.1	12
17	Linking magma texture, rheology and eruptive style during the 472 AD Pollena Subplinian eruption (Somma-Vesuvius). <i>Lithos</i> , 2020, 370-371, 105658.	0.6	6
18	Neanderthal occupation during the tephra fall-out: Technical and hunting behaviours, sedimentology and settlement patterns in SU 14 of Oscuruscuito rock shelter (Ginosa, southern Italy). <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	0.7	10

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19	Volcanic evolution of the Somma-Vesuvius Complex (Italy). <i>Journal of Maps</i> , 2020, 16, 137-147.	1.0	19
20	Multiple hazards and paths to eruptions: A review of the volcanic system of Vulcano (Aeolian Islands). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>	4.8	36
21	Analysing stress field conditions of the Colima Volcanic Complex (Mexico) by integrating finite-element modelling (FEM) simulations and geological data. <i>Solid Earth</i> , 2020, 11, 2515-2533.	1.2	7
22	On ash dispersal from moderately explosive volcanic eruptions: Examples from Holocene and Late Pleistocene eruptions of Italian volcanoes. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 385, 198-221.	0.8	14
23	Tephrostratigraphy of paleoclimatic archives in central Mediterranean during the Bronze Age. <i>Quaternary International</i> , 2019, 499, 186-194.	0.7	22
24	Geology of La Reforma caldera complex, Baja California, Mexico. <i>Journal of Maps</i> , 2019, 15, 487-498.	1.0	10
25	Development of Pleistocene Fluvial Terraces on the Eastern Frontal Sector of the Southern Apennines Chain, Italy. <i>Water (Switzerland)</i> , 2019, 11, 1345.	1.2	4
26	Inferring pyroclastic density current flow conditions using syn-depositional sedimentary structures. <i>Bulletin of Volcanology</i> , 2019, 81, 1.	1.1	14
27	TelkibÃ;nya lava domes: Lithofacies architecture of a Miocene rhyolite field (Tokaj Mountains). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf</i>	0.8	13
28	Chronological evidence for a pre-Minoan age of pyroclastic deposits on Anafi Island, Cyclades, Greece. <i>Mediterranean Geoscience Reviews</i> , 2019, 1, 17-24.	0.6	1
29	Cyclic activity of the Fuego de Colima volcano (Mexico): insights from satellite thermal data and nonlinear models. <i>Solid Earth</i> , 2019, 10, 1429-1450.	1.2	7
30	Mediterranean winter rainfall in phase with African monsoons during the past 1.36 million years. <i>Nature</i> , 2019, 573, 256-260.	13.7	111
31	Central Mediterranean explosive volcanism and tephrochronology during the last 630 ka based on the sediment record from Lake Ohrid. <i>Quaternary Science Reviews</i> , 2019, 226, 106021.	1.4	17
32	Geological data in volcanology: Collection, organisation and applications. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 385, 1-2.	0.8	0
33	MedVolc-Ph: A database of mineralogical phases from volcanic deposits in the central Mediterranean area as a tool for tephrostratigraphy. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 385, 222-230.	0.8	1
34	Thermal interactions of the AD79 Vesuvius pyroclastic density currents and their deposits at Villa dei Papiri (Herculaneum archaeological site, Italy). <i>Earth and Planetary Science Letters</i> , 2018, 490, 180-192.	1.8	22
35	Evolution of the magma feeding system during a Plinian eruption: The case of Pomici di Avellino eruption of Somma-Vesuvius, Italy. <i>Earth and Planetary Science Letters</i> , 2018, 482, 545-555.	1.8	20
36	The anatomy of a pyroclastic density current: the 10 July 2015 event at VolcÃ;n de Colima (Mexico). <i>Bulletin of Volcanology</i> , 2018, 80, 1.	1.1	22

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37	Volcanoclastic flow hazard assessment in highly populated areas: a GIS-based approach applied to Torre del Greco municipality (Somma-Vesuvius, Italy). <i>Geosciences Journal</i> , 2018, 22, 501-522.	0.6	3
38	Understanding eruptive style variations at calc-alkaline volcanoes: the 1913 eruption of Fuego de Colima volcano (Mexico). <i>Bulletin of Volcanology</i> , 2018, 80, 1.	1.1	14
39	Towards Quantitative Volcanic Risk of Pyroclastic Density Currents: Probabilistic Hazard Curves and Maps Around Somma-Vesuvius (Italy). <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 6299-6317.	1.4	29
40	Iron release in aqueous environment by fresh volcanic ash from Mount Etna (Italy) and Popocatepetl (Mexico) volcanoes. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	2
41	Glass geochemistry of pyroclastic deposits from the Aeolian Islands in the last 50 ka: A proximal database for tephrochronology. <i>Journal of Volcanology and Geothermal Research</i> , 2017, 336, 81-107.	0.8	43
42	Merging field mapping and numerical simulation to interpret the lithofacies variations from unsteady pyroclastic density currents on uneven terrain: The case of La Fossa di Vulcano (Aeolian Islands, Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2017, 330, 36-42.	0.8	12
43	Magmatic and geodynamic significance of two volcanoclastic deposits in the Oligo-Miocene successions of southern Apennines (Italy). <i>Italian Journal of Geosciences</i> , 2017, 136, 1-51.	0.4	4
44	Title is missing!. <i>Italian Journal of Geosciences</i> , 2017, 136, 198-205.	0.4	1
45	Long-term dynamics across a volcanic rift: 21 years of microgravity and GPS observations on the southern flank of Mt. Etna volcano. <i>Journal of Volcanology and Geothermal Research</i> , 2017, 344, 174-184.	0.8	14
46	A multi-parametric criteria for Tidal Energy Converters siting in marine and fluvial environments. <i>Energy Procedia</i> , 2017, 142, 328-336.	1.8	2
47	Siting assessment for Kinetic Energy Turbines: an emplacement study for sea and river applications. <i>Energy Procedia</i> , 2017, 143, 713-720.	1.8	2
48	Influence of Stress Field Changes on Eruption Initiation and Dynamics: A Review. <i>Frontiers in Earth Science</i> , 2017, 5, .	0.8	12
49	Editorial: Stress Field Control of Eruption Dynamics. <i>Frontiers in Earth Science</i> , 2017, 5, .	0.8	0
50	The environmental and evolutionary history of Lake Ohrid (FYROM/Albania): interim results from the SCOPSCO deep drilling project. <i>Biogeosciences</i> , 2017, 14, 2033-2054.	1.3	43
51	The Vesuvius and the other volcanoes of Central Italy. <i>Geological Field Trips</i> , 2017, 9, 1-158.	0.3	4
52	First tephrostratigraphic results of the DEEP site record from Lake Ohrid (Macedonia and Albania). <i>Biogeosciences</i> , 2016, 13, 2151-2178.	1.3	67
53	Sedimentological processes and environmental variability at Lake Ohrid (Macedonia, Albania) between 637 ka and the present. <i>Biogeosciences</i> , 2016, 13, 1179-1196.	1.3	90
54	Aligning and synchronization of MIS5 proxy records from Lake Ohrid (FYROM) with independently dated Mediterranean archives: implications for DEEP core chronology. <i>Biogeosciences</i> , 2016, 13, 2757-2768.	1.3	26

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55	Differential resilience of ancient sister lakes Ohrid and Prespa to environmental disturbances during the Late Pleistocene. <i>Biogeosciences</i> , 2016, 13, 1149-1161.	1.3	30
56	Beyond eruptive scenarios: assessing tephra fallout hazard from Neapolitan volcanoes. <i>Scientific Reports</i> , 2016, 6, 24271.	1.6	47
57	Dust storms, volcanic ash hurricanes, and turbidity currents: physical similarities and differences with emphasis on flow temperature. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	0.6	20
58	Unravelling the effusive-explosive transitions and the construction of a volcanic cone from geological data: The example of Monte dei Porri, Salina Island (Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2016, 327, 1-22.	0.8	7
59	Suitability of energy cone for probabilistic volcanic hazard assessment: validation tests at Somma-Vesuvius and Campi Flegrei (Italy). <i>Bulletin of Volcanology</i> , 2016, 78, 1.	1.1	41
60	The influence of slope-angle ratio on the dynamics of granular flows: insights from laboratory experiments. <i>Bulletin of Volcanology</i> , 2016, 78, 1.	1.1	24
61	Influence of particle density on flow behavior and deposit architecture of concentrated pyroclastic density currents over a break in slope: Insights from laboratory experiments. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 328, 178-186.	0.8	8
62	MeMoVolc report on classification and dynamics of volcanic explosive eruptions. <i>Bulletin of Volcanology</i> , 2016, 78, 1.	1.1	31
63	Hazard of pyroclastic density currents at the Campi Flegrei Caldera (Southern Italy) as deduced from the combined use of facies architecture, physical modeling and statistics of the impact parameters. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 299, 35-53.	0.8	24
64	Age- depth model of the past 630 kyr for Lake Ohrid (FYROM/Albania) based on cyclostratigraphic analysis of downhole gamma ray data. <i>Biogeosciences</i> , 2015, 12, 7453-7465.	1.3	23
65	Ash leachates from some recent eruptions of Mount Etna (Italy) and Popocatepetl (Mexico) volcanoes and their impact on amphibian living freshwater organisms. <i>Biogeosciences</i> , 2015, 12, 7087-7106.	1.3	20
66	MeMoVolc consensual document: a review of cross-disciplinary approaches to characterizing small explosive magmatic eruptions. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	1.1	22
67	Glacier melting during lava dome growth at Nevado de Toluca volcano (Mexico): Evidences of a major threat before main eruptive phases at ice-capped volcanoes. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 294, 1-10.	0.8	7
68	Local impact of dust storms around a suburban building in arid and semi-arid regions: numerical simulation examples from Dubai and Riyadh, Arabian Peninsula. <i>Arabian Journal of Geosciences</i> , 2015, 8, 7359-7369.	0.6	23
69	Deposit temperature of pyroclastic density currents emplaced during the El Chichón 1982 and Colima 1913 eruptions. <i>Geological Society Special Publication</i> , 2015, 396, 35-49.	0.8	9
70	Temperatures of the pyroclastic density currents deposits emplaced in the last 22 kyr at Somma-Vesuvius (Italy). <i>Geological Society Special Publication</i> , 2015, 396, 13-33.	0.8	9
71	Re-assessing volcanic hazard zonation of Volcán de Colima, México. <i>Natural Hazards</i> , 2015, 76, 41-61.	1.6	24
72	Structural analysis and thermal remote sensing of the Los Humeros Volcanic Complex: Implications for volcano structure and geothermal exploration. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 301, 221-237.	0.8	68

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73	Vegetation, climate and environmental history of the last 4500 years at lake Shkodra (Albania/Montenegro). Holocene, 2015, 25, 435-444.	0.9	42
74	Revisiting the Y-3 tephrostratigraphic marker: a new diagnostic glass geochemistry, age estimate, and details on its climatostratigraphical context. Quaternary Science Reviews, 2015, 118, 105-121.	1.4	59
75	Distinct lake level lowstand in Lake Prespa (SE Europe) at the time of the 74 (75) ka Toba eruption. Climate of the Past, 2014, 10, 261-267.	1.3	7
76	Volcanic ash hazard in the Central Mediterranean assessed from geological data. Bulletin of Volcanology, 2014, 76, 1.	1.1	30
77	Major factors controlling late Pleistocene to Holocene soil development in the Vesuvius area (southern Italy). European Journal of Soil Science, 2014, 65, 406-419.	1.8	8
78	Volcaniclastic flow hazard zonation in the Sub-Apennine Vesuvian area using GIS and remote sensing. , 2014, 10, 1419-1431.		10
79	Pyroclastic density currents: state of the art and perspectives. Journal of Volcanology and Geothermal Research, 2014, 283, 36-65.	0.8	178
80	Volcanic jets, plumes, and collapsing fountains: evidence from large-scale experiments, with particular emphasis on the entrainment rate. Bulletin of Volcanology, 2014, 76, 1.	1.1	44
81	More Than One Million Years of History in Lake Ohrid Cores. Eos, 2014, 95, 25-26.	0.1	18
82	The Use of Stratigraphic Data for the Mitigation of Hazards at Volcanoes: The Example of Somma-Vesuvius (Italy). Springer Geology, 2014, , 1275-1279.	0.2	0
83	The Large Explosive Activity of Mt. Etna as Recorded in Distal Tephrostratigraphy. Springer Geology, 2014, , 1281-1283.	0.2	0
84	A map for volcaniclastic debris flow hazards in Apennine areas surrounding the Vesuvius volcano (Italy). Journal of Maps, 2013, 9, 230-238.	1.0	6
85	First evidence of hydromagmatism at Colima volcano (Mexico). Journal of Volcanology and Geothermal Research, 2013, 249, 197-200.	0.8	2
86	Recognition of the Minoan tephra in the Acigözü Basin, western Turkey: implications for inter-archive correlations and fine ash dispersal. Journal of Quaternary Science, 2013, 28, 329-335.	1.1	33
87	Tephrostratigraphic studies on a sediment core from Lake Prespa in the Balkans. Climate of the Past, 2013, 9, 267-287.	1.3	49
88	A GIS-based approach for estimating volcaniclastic flow susceptibility: a case study from Sorrentina Peninsula (Campania Region). Italian Journal of Geosciences, 2013, 132, 394-404.	0.4	4
89	Hazard assessment of far-range volcanic ash dispersal from a violent Strombolian eruption at Somma-Vesuvius volcano, Naples, Italy: implications on civil aviation. Bulletin of Volcanology, 2012, 74, 2205-2218.	1.1	47
90	The late MIS 5 Mediterranean tephra markers: a reappraisal from peninsular Italy terrestrial records. Quaternary Science Reviews, 2012, 56, 31-45.	1.4	65

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91	Late Pleistocene and Holocene contourite drift in Lake Prespa (Albania/F.Y.R. of Macedonia/Greece). <i>Quaternary International</i> , 2012, 274, 112-121.	0.7	41
92	Constraining the onset of the Holocene "Neoglacial" over the central Italy using tephra layers. <i>Quaternary Research</i> , 2012, 78, 236-247.	1.0	55
93	Climate and environmental change in the Balkans over the last 17ka recorded in sediments from Lake Prespa (Albania/F.Y.R. of Macedonia/Greece). <i>Quaternary International</i> , 2012, 274, 122-135.	0.7	88
94	Multiproxy record for the last 4500 years from Lake Shkodra (Albania/Montenegro). <i>Journal of Quaternary Science</i> , 2012, 27, 780-789.	1.1	74
95	Aerodynamics of stratovolcanoes during multiphase processes. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	23
96	Possible earthquake trigger for 6th century mass wasting deposit at Lake Ohrid (Macedonia/Albania). <i>Climate of the Past</i> , 2012, 8, 2069-2078.	1.3	32
97	Late Pleistocene to Holocene tephrostratigraphic record from the Northern Ionian Sea. <i>Marine Geology</i> , 2012, 311-314, 41-51.	0.9	37
98	Quantitative hazard assessment of phreatomagmatic eruptions at Vulcano (Aeolian Islands, Southern Tj ETQq0 0 0 rgBT /Overlock 10 T Volcanology and Geothermal Research, 2011, 201, 364-384.	0.8	41
99	The Lami pyroclastic succession (Lipari, Aeolian Islands): A clue for unravelling the eruptive dynamics of the Monte Pilato rhyolitic pumice cone. <i>Journal of Volcanology and Geothermal Research</i> , 2011, 201, 285-300.	0.8	26
100	A systematic investigation on the aerodynamics of ash particles. <i>Journal of Volcanology and Geothermal Research</i> , 2011, 203, 1-11.	0.8	44
101	The 17 July 1999 block-and-ash flow (BAF) at Colima Volcano: New insights on volcanic granular flows from textural analysis. <i>Journal of Volcanology and Geothermal Research</i> , 2011, 204, 40-56.	0.8	49
102	Stratigraphic reconstruction of two debris avalanche deposits at Colima Volcano (Mexico): Insights into pre-failure conditions and climate influence. <i>Journal of Volcanology and Geothermal Research</i> , 2011, 207, 33-46.	0.8	65
103	Stratigraphy and eruptive dynamics of a pulsating Plinian eruption of Somma-Vesuvius: the Pomici di Mercato (8900 years B.P.). <i>Bulletin of Volcanology</i> , 2011, 73, 257-278.	1.1	35
104	The Pomici di Avellino eruption of Somma-Vesuvius (3.9ka bp). Part I: stratigraphy, compositional variability and eruptive dynamics. <i>Bulletin of Volcanology</i> , 2010, 72, 539-558.	1.1	56
105	The Pomici di Avellino eruption of Somma-Vesuvius (3.9ka BP). Part II: sedimentology and physical volcanology of pyroclastic density current deposits. <i>Bulletin of Volcanology</i> , 2010, 72, 559-577.	1.1	65
106	Pyroclastic flow hazard assessment at Somma-Vesuvius based on the geological record. <i>Bulletin of Volcanology</i> , 2010, 72, 1021-1038.	1.1	60
107	Evaluating long-range volcanic ash hazard using supercomputing facilities: application to Somma-Vesuvius (Italy), and consequences for civil aviation over the Central Mediterranean Area. <i>Bulletin of Volcanology</i> , 2010, 72, 1039-1059.	1.1	44
108	A paleoclimate record with tephrochronological age control for the last glacial-interglacial cycle from Lake Ohrid, Albania and Macedonia. <i>Journal of Paleolimnology</i> , 2010, 44, 295-310.	0.8	159

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109	Rapid terrain-based mapping of some volcanoclastic flow hazard using GIs-based automated methods: a case study from southern Campania, Italy. <i>Natural Hazards</i> , 2010, 55, 371-387.	1.6	10
110	Numerical inversion and analysis of tephra fallout deposits from the 472AD sub-Plinian eruption at Vesuvius (Italy) through a new best-fit procedure. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 189, 238-246.	0.8	34
111	Predicting the block-and-ash flow inundation areas at Volc�n de Colima (Colima, Mexico) based on the present day (February 2010) status. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 193, 49-66.	0.8	63
112	A tephrostratigraphic record for the last glacial‐interglacial cycle from Lake Ohrid, Albania and Macedonia. <i>Journal of Quaternary Science</i> , 2010, 25, 320-338.	1.1	120
113	The Holocene tephrostratigraphic record of Lake Shkodra (Albania and Montenegro). <i>Journal of Quaternary Science</i> , 2010, 25, 633-650.	1.1	60
114	Tephrostratigraphy and tephrochronology of lakes Ohrid and Prespa, Balkans. <i>Biogeosciences</i> , 2010, 7, 3273-3288.	1.3	69
115	Environmental change within the Balkan region during the past ca. 50 ka recorded in the sediments from lakes Prespa and Ohrid. <i>Biogeosciences</i> , 2010, 7, 3187-3198.	1.3	72
116	Conduit flow experiments help constraining the regime of explosive eruptions. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	38
117	The Late Holocene to Pleistocene tephrostratigraphic record of Lake Ohrid (Albania). <i>Comptes Rendus - Geoscience</i> , 2010, 342, 453-466.	0.4	39
118	Experimental evidence links volcanic particle characteristics to pyroclastic flow hazard. <i>Earth and Planetary Science Letters</i> , 2010, 295, 314-320.	1.8	47
119	Lake Ohrid, Albania, provides an exceptional multi-proxy record of environmental changes during the last glacial‐interglacial cycle. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 287, 116-127.	1.0	84
120	Dike propagation within active central volcanic edifices: constraints from Somma-Vesuvius, Etna and analogue models. <i>Bulletin of Volcanology</i> , 2009, 71, 219-223.	1.1	20
121	A 40,000-year record of environmental change from ancient Lake Ohrid (Albania and Macedonia). <i>Journal of Paleolimnology</i> , 2009, 41, 407-430.	0.8	139
122	The Afragola settlement near Vesuvius, Italy: The destruction and abandonment of a Bronze Age village revealed by archaeology, volcanology and rock-magnetism. <i>Earth and Planetary Science Letters</i> , 2009, 277, 408-421.	1.8	56
123	Constraining the recent plumbing system of Vulcano (Aeolian Arc, Italy) by textural, petrological, and fractal analysis: The 1739 A.D. Pietre Cotte lava flow. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	1.0	33
124	Deposition temperature of the AD 472 Pollena pyroclastic density current deposits, Somma-Vesuvius, Italy. <i>Bulletin of Volcanology</i> , 2008, 70, 1237-1248.	1.1	22
125	GIS‐assisted modelling for debris flow hazard assessment based on the events of May 1998 in the area of Sarno, Southern Italy: II. Velocity and dynamic pressure. <i>Earth Surface Processes and Landforms</i> , 2008, 33, 1693-1708.	1.2	26
126	The Y-3 tephra: A Last Glacial stratigraphic marker for the central Mediterranean basin. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 177, 145-154.	0.8	55

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127	The last 40ka tephrostratigraphic record of Lake Ohrid, Albania and Macedonia: a very distal archive for ash dispersal from Italian volcanoes. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 177, 71-80.	0.8	71
128	Discriminating the long distance dispersal of fine ash from sustained columns or near ground ash clouds: The example of the Pomici di Avellino eruption (Somma-Vesuvius, Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2008, 177, 263-276.	0.8	77
129	The late Pleistocene pyroclastic deposits of the Campanian Plain: New insights into the explosive activity of Neapolitan volcanoes. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 177, 19-48.	0.8	81
130	A 90,000–200,000 yrs marine tephra record of Italian volcanic activity in the Central Mediterranean Sea. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 177, 187-196.	0.8	93
131	Deposition temperature of some PDC deposits from the 1982 eruption of El Chichón volcano (Chiapas, Mexico). <i>Journal of Volcanology and Geothermal Research</i> , 2008, 175, 494-500.	0.8	19
132	The influence of variable topography on the depositional behaviour of pyroclastic density currents: The examples of the Upper Pollara eruption (Salina Island, southern Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2008, 175, 367-385.	0.8	37
133	Age and whole rock-glass compositions of proximal pyroclastics from the major explosive eruptions of Somma-Vesuvius: A review as a tool for distal tephrostratigraphy. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 177, 1-18.	0.8	257
134	Explosive volcanism in the central Mediterranean area during the late Quaternary: linking sources and distal archives. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 177, v-vii.	0.8	8
135	A method for the calculation of the impact parameters of dilute pyroclastic density currents based on deposit particle characteristics. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	70
136	Comment on: "The dark nature of Somma-Vesuvius volcano: Evidence from the 43.5kaBP Avellino eruption" by Milia A., Raspini A., Torrente M.M.. <i>Quaternary International</i> , 2008, 192, 102-109.	0.7	4
137	Chapter 2 Sedimentology, Depositional Mechanisms and Pulsating Behaviour of Pyroclastic Density Currents. <i>Developments in Volcanology</i> , 2008, 10, 57-96.	0.5	47
138	Generation of pyroclastic density currents from pyroclastic fountaining or transient explosions: insights from large scale experiments. <i>IOP Conference Series: Earth and Environmental Science</i> , 2008, 3, 012020.	0.2	1
139	The dispersal of ash during explosive eruptions from central volcanoes and calderas: an underestimated hazard for the central Mediterranean area. <i>IOP Conference Series: Earth and Environmental Science</i> , 2008, 3, 012031.	0.2	3
140	Large-scale experiments on the mechanics of pyroclastic flows: Design, engineering, and first results. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	72
141	GIS-assisted modelling for debris flow hazard assessment based on the events of May 1998 in the area of Sarno, Southern Italy: Part I. Maximum run-out. <i>Earth Surface Processes and Landforms</i> , 2007, 32, 1491-1502.	1.2	31
142	Deposits and physical properties of pyroclastic density currents during complex Subplinian eruptions: the AD 472 (Pollena) eruption of Somma-Vesuvius, Italy. <i>Sedimentology</i> , 2007, 54, 607-635.	1.6	96
143	Empirical modelling of the May 1998 small debris flows in Sarno (Italy) using LAHARZ. <i>Natural Hazards</i> , 2007, 40, 381-396.	1.6	22
144	Volcaniclastic debris-flow occurrences in the Campania region (Southern Italy) and their relation to Holocene–Late Pleistocene pyroclastic fall deposits: implications for large-scale hazard mapping. <i>Bulletin of Volcanology</i> , 2007, 70, 157-167.	1.1	24

#	ARTICLE	IF	CITATIONS
145	The Holocene syneruptive volcanoclastic debris flows in the Vesuvian area: Geological data as a guide for hazard assessment. , 2006, , .		9
146	Volcanoclastic debris flows at La Fossa Volcano (Vulcano Island, southern Italy): Insights for erosion behaviour of loose pyroclastic material on steep slopes. Journal of Volcanology and Geothermal Research, 2005, 145, 173-191.	0.8	36
147	Three empirical methods for the calculation of distal volume of tephra-fall deposits. Journal of Volcanology and Geothermal Research, 2005, 145, 315-336.	0.8	65
148	A complex, Subplinian-type eruption from low-viscosity, phonolitic to tephri-phonolitic magma: the AD 472 (Pollena) eruption of Somma-Vesuvius, Italy. Bulletin of Volcanology, 2005, 67, 743-767.	1.1	96
149	The analysis of the influence of pumice shape on its terminal velocity. Geophysical Research Letters, 2005, 32, .	1.5	147
150	Characteristics of May 5â€“6, 1998 volcanoclastic debris flows in the Sarno area (Campania, southern Italy). Journal of Volcanology and Geothermal Research, 2004, 133, 377-393.	0.8	133
151	The role of volcanic activity and climate in alluvial fan growth at volcanic areas: an example from southern Campania (Italy). Sedimentary Geology, 2004, 168, 249-280.	1.0	64
152	Tephrostratigraphy study for the last 18,000 C years in a deep-sea sediment sequence for the South Adriatic. Quaternary Science Reviews, 2004, 23, 2485-2500.	1.4	146
153	Variability of the eruption dynamics during a Subplinian event: the Greenish Pumice eruption of Sommaâ€“Vesuvius (Italy). Journal of Volcanology and Geothermal Research, 2003, 124, 89-114.	0.8	74
154	Assessing pyroclastic fall hazard through field data and numerical simulations: Example from Vesuvius. Journal of Geophysical Research, 2003, 108, .	3.3	107
155	Volcanoclastic debris flows in the Clanio Valley (Campania, Italy): insights for the assessment of hazard potential. Geomorphology, 2002, 43, 219-231.	1.1	48
156	Mediterranean Sea Surface Radiocarbon Reservoir Age Changes Since the Last Glacial Maximum. Science, 2001, 294, 1917-1920.	6.0	278
157	Stable isotopes of pedogenic carbonates from the Somma-Vesuvius area, southern Italy, over the past 18 kyr: palaeoclimatic implications. Journal of Quaternary Science, 2000, 15, 813-824.	1.1	37
158	May 5, 1998, debris flows in circum-Vesuvian areas (southern Italy): Insights for hazard assessment. Geology, 2000, 28, 639.	2.0	51
159	Apulian Bronze Age pottery as a long-distance indicator of the Avellino Pumice eruption (Vesuvius.) Tj ETQq1 1 0.784314 rgBT /Overlock 24	0.8	24
160	Landscape response to the deposition of airfall pyroclastics from large explosive eruptions: An example from the campanian area (Southern Italy). Physics and Chemistry of the Earth, 2000, 25, 759-762.	0.6	5
161	May 5, 1998, debris flows in circum-Vesuvian areas (southern Italy): Insights for hazard assessment. Geology, 2000, 28, 639-642.	2.0	1
162	The SCOPSCO drilling project recovers more than 1.2 million years of history from Lake Ohrid. Scientific Drilling, 0, 17, 19-29.	1.0	63