

Roberto Sulpizio

List of Publications by Year in descending order

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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	Mediterranean Sea Surface Radiocarbon Reservoir Age Changes Since the Last Glacial Maximum. <i>Science</i> , 2001, 294, 1917-1920.	6.0	278
2	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
3	Pyroclastic density currents: state of the art and perspectives. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 283, 36-65.	0.8	178
4	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
5	The analysis of the influence of pumice shape on its terminal velocity. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	147
6	Tephrostratigraphy study for the last 18,000 C years in a deep-sea sediment sequence for the South Adriatic. <i>Quaternary Science Reviews</i> , 2004, 23, 2485-2500.	1.4	146
7	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
8	Characteristics of May 5-6, 1998 volcanoclastic debris flows in the Sarno area (Campania, southern Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2004, 133, 377-393.	0.8	133
9	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
10	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
11	Assessing pyroclastic fall hazard through field data and numerical simulations: Example from Vesuvius. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	107
12	A complex, Subplinian-type eruption from low-viscosity, phonolitic to tephri-phonolitic magma: the AD 472 (Pollena) eruption of Somma-Vesuvius, Italy. <i>Bulletin of Volcanology</i> , 2005, 67, 743-767.	1.1	96
13	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
14	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
15	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
16	Climate and environmental change in the Balkans over the last 17 ka recorded in sediments from Lake Prespa (Albania/F.Y.R. of Macedonia/Greece). <i>Quaternary International</i> , 2012, 274, 122-135.	0.7	88
17	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
18	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

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19	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
20	Variability of the eruption dynamics during a Subplinian event: the Greenish Pumice eruption of Somma-Vesuvius (Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2003, 124, 89-114.	0.8	74
21	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
22	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
23	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
24	The last 40 ka 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
25	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
26	Tephrostratigraphy and tephrochronology of lakes Ohrid and Prespa, Balkans. <i>Biogeosciences</i> , 2010, 7, 3273-3288.	1.3	69
27	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
28	First tephrostratigraphic results of the DEEP site record from Lake Ohrid (Macedonia and Albania). <i>Biogeosciences</i> , 2016, 13, 2151-2178.	1.3	67
29	Three empirical methods for the calculation of distal volume of tephra-fall deposits. <i>Journal of Volcanology and Geothermal Research</i> , 2005, 145, 315-336.	0.8	65
30	The Pomici di Avellino eruption of Somma-Vesuvius (3.9 ka BP). Part II: sedimentology and physical volcanology of pyroclastic density current deposits. <i>Bulletin of Volcanology</i> , 2010, 72, 559-577.	1.1	65
31	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
32	The late MIS 5 Mediterranean tephra markers: a reappraisal from peninsular Italy terrestrial records. <i>Quaternary Science Reviews</i> , 2012, 56, 31-45.	1.4	65
33	The role of volcanic activity and climate in alluvial fan growth at volcanic areas: an example from southern Campania (Italy). <i>Sedimentary Geology</i> , 2004, 168, 249-280.	1.0	64
34	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
35	The SCOPSCO drilling project recovers more than 1.2 million years of history from Lake Ohrid. <i>Scientific Drilling</i> , 0, 17, 19-29.	1.0	63
36	Pyroclastic flow hazard assessment at Somma-Vesuvius based on the geological record. <i>Bulletin of Volcanology</i> , 2010, 72, 1021-1038.	1.1	60

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37	The Holocene tephrostratigraphic record of Lake Shkodra (Albania and Montenegro). <i>Journal of Quaternary Science</i> , 2010, 25, 633-650.	1.1	60
38	Revisiting the Y-3 tephrostratigraphic marker: a new diagnostic glass geochemistry, age estimate, and details on its climatostratigraphical context. <i>Quaternary Science Reviews</i> , 2015, 118, 105-121.	1.4	59
39	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
40	The Pomici di Avellino eruption of Somma-Vesuvius (3.9 ka bp). Part I: stratigraphy, compositional variability and eruptive dynamics. <i>Bulletin of Volcanology</i> , 2010, 72, 539-558.	1.1	56
41	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
42	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
43	May 5, 1998, debris flows in circum-Vesuvian areas (southern Italy): Insights for hazard assessment. <i>Geology</i> , 2000, 28, 639.	2.0	51
44	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
45	Tephrostratigraphic studies on a sediment core from Lake Prespa in the Balkans. <i>Climate of the Past</i> , 2013, 9, 267-287.	1.3	49
46	Volcaniclastic debris flows in the Clanio Valley (Campania, Italy): insights for the assessment of hazard potential. <i>Geomorphology</i> , 2002, 43, 219-231.	1.1	48
47	Chapter 2 Sedimentology, Depositional Mechanisms and Pulsating Behaviour of Pyroclastic Density Currents. <i>Developments in Volcanology</i> , 2008, 10, 57-96.	0.5	47
48	Experimental evidence links volcanic particle characteristics to pyroclastic flow hazard. <i>Earth and Planetary Science Letters</i> , 2010, 295, 314-320.	1.8	47
49	Hazard assessment of far-range volcanic ash dispersal from a violent Strombolian eruption at Somma-Vesuvius volcano, Naples, Italy: implications on civil aviation. <i>Bulletin of Volcanology</i> , 2012, 74, 2205-2218.	1.1	47
50	Beyond eruptive scenarios: assessing tephra fallout hazard from Neapolitan volcanoes. <i>Scientific Reports</i> , 2016, 6, 24271.	1.6	47
51	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
52	A systematic investigation on the aerodynamics of ash particles. <i>Journal of Volcanology and Geothermal Research</i> , 2011, 203, 1-11.	0.8	44
53	Volcanic jets, plumes, and collapsing fountains: evidence from large-scale experiments, with particular emphasis on the entrainment rate. <i>Bulletin of Volcanology</i> , 2014, 76, 1.	1.1	44
54	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

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55	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
56	Vegetation, climate and environmental history of the last 4500 years at lake Shkodra (Albania/Montenegro). <i>Holocene</i> , 2015, 25, 435-444.	0.9	42
57	Quantitative hazard assessment of phreatomagmatic eruptions at Vulcano (Aeolian Islands, Southern Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2011, 201, 364-384.	0.8	41
58	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
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 Late Holocene to Pleistocene tephrostratigraphic record of Lake Ohrid (Albania). <i>Comptes Rendus - Geoscience</i> , 2010, 342, 453-466.	0.4	39
61	Conduit flow experiments help constraining the regime of explosive eruptions. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	38
62	Stable isotopes of pedogenic carbonates from the Somma-Vesuvius area, southern Italy, over the past 18 kyr: palaeoclimatic implications. <i>Journal of Quaternary Science</i> , 2000, 15, 813-824.	1.1	37
63	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
64	Late Pleistocene to Holocene tephrostratigraphic record from the Northern Ionian Sea. <i>Marine Geology</i> , 2012, 311-314, 41-51.	0.9	37
65	Volcaniclastic debris flows at La Fossa Volcano (Vulcano Island, southern Italy): Insights for erosion behaviour of loose pyroclastic material on steep slopes. <i>Journal of Volcanology and Geothermal Research</i> , 2005, 145, 173-191.	0.8	36
66	Multiple hazards and paths to eruptions: A review of the volcanic system of Vulcano (Aeolian Islands, Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2007, 161, 1-10.	4.0	36
67	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
68	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
69	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
70	Recognition of the Minoan tephra in the Acigözü Basin, western Turkey: implications for inter-archipelago correlations and fine ash dispersal. <i>Journal of Quaternary Science</i> , 2013, 28, 329-335.	1.1	33
71	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
72	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

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73	MeMoVolc report on classification and dynamics of volcanic explosive eruptions. Bulletin of Volcanology, 2016, 78, 1.	1.1	31
74	Volcanic ash hazard in the Central Mediterranean assessed from geological data. Bulletin of Volcanology, 2014, 76, 1.	1.1	30
75	Differential resilience of ancient sister lakes Ohrid and Prespa to environmental disturbances during the Late Pleistocene. Biogeosciences, 2016, 13, 1149-1161.	1.3	30
76	Towards Quantitative Volcanic Risk of Pyroclastic Density Currents: Probabilistic Hazard Curves and Maps Around Somma-Vesuvius (Italy). Journal of Geophysical Research: Solid Earth, 2018, 123, 6299-6317.	1.4	29
77	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. Earth Surface Processes and Landforms, 2008, 33, 1693-1708.	1.2	26
78	The Lami pyroclastic succession (Lipari, Aeolian Islands): A clue for unravelling the eruptive dynamics of the Monte Pilato rhyolitic pumice cone. Journal of Volcanology and Geothermal Research, 2011, 201, 285-300.	0.8	26
79	Aligning and synchronization of MIS5 proxy records from Lake Ohrid (FYROM) with independently dated Mediterranean archives: implications for DEEP core chronology. Biogeosciences, 2016, 13, 2757-2768.	1.3	26
80	Apulian Bronze Age pottery as a long-distance indicator of the Avellino Pumice eruption (Vesuvius). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	24
81	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. Bulletin of Volcanology, 2007, 70, 157-167.	1.1	24
82	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. Journal of Volcanology and Geothermal Research, 2015, 299, 35-53.	0.8	24
83	Re-assessing volcanic hazard zonation of VolcÃ;n de Colima, MÃ©xico. Natural Hazards, 2015, 76, 41-61.	1.6	24
84	The influence of slope-angle ratio on the dynamics of granular flows: insights from laboratory experiments. Bulletin of Volcanology, 2016, 78, 1.	1.1	24
85	Aerodynamics of stratovolcanoes during multiphase processes. Journal of Geophysical Research, 2012, 117, .	3.3	23
86	Age-depth model of the past 630 kyr for Lake Ohrid (FYROM/Albania) based on cyclostratigraphic analysis of downhole gamma ray data. Biogeosciences, 2015, 12, 7453-7465.	1.3	23
87	Local impact of dust storms around a suburban building in arid and semi-arid regions: numerical simulation examples from Dubai and Riyadh, Arabian Peninsula. Arabian Journal of Geosciences, 2015, 8, 7359-7369.	0.6	23
88	Empirical modelling of the May 1998 small debris flows in Sarno (Italy) using LAHARZ. Natural Hazards, 2007, 40, 381-396.	1.6	22
89	Deposition temperature of the AD 472 Pollena pyroclastic density current deposits, Somma-Vesuvius, Italy. Bulletin of Volcanology, 2008, 70, 1237-1248.	1.1	22
90	MeMoVolc consensual document: a review of cross-disciplinary approaches to characterizing small explosive magmatic eruptions. Bulletin of Volcanology, 2015, 77, 1.	1.1	22

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91	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
92	The anatomy of a pyroclastic density current: the 10 July 2015 event at Volc�n de Colima (Mexico). <i>Bulletin of Volcanology</i> , 2018, 80, 1.	1.1	22
93	Tephrostratigraphy of paleoclimatic archives in central Mediterranean during the Bronze Age. <i>Quaternary International</i> , 2019, 499, 186-194.	0.7	22
94	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
95	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
96	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
97	Evolution of the magma feeding system during a Plinian eruption: The case of Pomice di Avellino eruption of Somma-Vesuvius, Italy. <i>Earth and Planetary Science Letters</i> , 2018, 482, 545-555.	1.8	20
98	Deposition temperature of some PDC deposits from the 1982 eruption of El Chich�n volcano (Chiapas, Mexico). <i>Journal of Volcanology and Geothermal Research</i> , 2017, 344, 175-184.	0.8	19
99	Volcanic evolution of the Somma-Vesuvius Complex (Italy). <i>Journal of Maps</i> , 2020, 16, 137-147.	1.0	19
100	More Than One Million Years of History in Lake Ohrid Cores. <i>Eos</i> , 2014, 95, 25-26.	0.1	18
101	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
102	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
103	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
104	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
105	Inferring pyroclastic density current flow conditions using syn-depositional sedimentary structures. <i>Bulletin of Volcanology</i> , 2019, 81, 1.	1.1	14
106	Telkibanya lava domes: Lithofacies architecture of a Miocene rhyolite field (Tokaj Mountains, Hungary). <i>Journal of Volcanology and Geothermal Research</i> , 2017, 330, 179-197.	0.8	13
107	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
108	Influence of Stress Field Changes on Eruption Initiation and Dynamics: A Review. <i>Frontiers in Earth Science</i> , 2017, 5, .	0.8	12

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109	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
110	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
111	Lake Ohrid's tephrochronological dataset reveals 1.36‰Ma of Mediterranean explosive volcanic activity. <i>Scientific Data</i> , 2021, 8, 231.	2.4	12
112	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
113	Volcanoclastic flow hazard zonation in the Sub-Apennine Vesuvian area using GIS and remote sensing. , 2014, 10, 1419-1431.		10
114	Geology of La Reforma caldera complex, Baja California, Mexico. <i>Journal of Maps</i> , 2019, 15, 487-498.	1.0	10
115	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
116	Neanderthal occupation during the tephra fall-out: Technical and hunting behaviours, sedimentology and settlement patterns in SU 14 of Oscurusciuto rock shelter (Ginosa, southern Italy). <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	0.7	10
117	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
118	The Holocene syneruptive volcanoclastic debris flows in the Vesuvian area: Geological data as a guide for hazard assessment. , 2006, , .		9
119	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
120	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
121	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
122	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
123	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
124	Major factors controlling late Pleistocene to Holocene soil development in the Vesuvius area (southern Italy). <i>European Journal of Soil Science</i> , 2014, 65, 406-419.	1.8	8
125	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
126	Distinct lake level lowstand in Lake Prespa (SE Europe) at the time of the 74 (75) ka Toba eruption. <i>Climate of the Past</i> , 2014, 10, 261-267.	1.3	7

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127	Glacier melting during lava dome growth at Nevado de Toluca volcano (Mexico): Evidences of a major threat before main eruptive phases at ice-caped volcanoes. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 294, 1-10.	0.8	7
128	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
129	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
130	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
131	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
132	A map for volcanoclastic debris flow hazards in Apennine areas surrounding the Vesuvius volcano (Italy). <i>Journal of Maps</i> , 2013, 9, 230-238.	1.0	6
133	Linking magma texture, rheology and eruptive style during the 472AD Pollena Subplinian eruption (Somma-Vesuvius). <i>Lithos</i> , 2020, 370-371, 105658.	0.6	6
134	Landscape response to the deposition of airfall pyroclastics from large explosive eruptions: An example from the campanian area (Southern Italy). <i>Physics and Chemistry of the Earth</i> , 2000, 25, 759-762.	0.6	5
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