

# Ilaria Isola

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,335  
citations

331538

21  
h-index

360920

35  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1676  
citing authors

#	ARTICLE	IF	CITATIONS
1	The 4.2â€‰kaâ€‰BP Event in the Mediterranean region: an overview. <i>Climate of the Past</i> , 2019, 15, 555-577.	1.3	129
2	Palaeoclimatic implications of the growth history and stable isotope ( $\delta^{18}O$ and $\delta^{13}C$ ) geochemistry of a Middle to Late Pleistocene stalagmite from central-western Italy. <i>Earth and Planetary Science Letters</i> , 2004, 227, 215-229.	1.8	108
3	Forecasting lava flow paths by a stochastic approach. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	104
4	Morphology of basaltic lava channels during the Mt. Etna September 2004 eruption from airborne laser altimeter data. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	67
5	A continuous stable isotope record from the penultimate glacial maximum to the Last Interglacial (159â€‰ka) from Tana Che Urla Cave (Apuan Alps, central Italy). <i>Quaternary Research</i> , 2014, 82, 450-461.	1.0	66
6	Lava flow identification and aging by means of lidar intensity: Mount Etna case. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	58
7	Self-similar clustering of cinder cones and crust thickness in the Michoacanâ€‰Guanajuato and Sierra de Chichinautzin volcanic fields, Trans-Mexican Volcanic Belt. <i>Tectonophysics</i> , 2010, 486, 55-64.	0.9	52
8	Aborted propagation of the Ethiopian rift caused by linkage with the Kenyan rift. <i>Nature Communications</i> , 2019, 10, 1309.	5.8	49
9	Precise microsampling of poorly laminated speleothems for U-series dating. <i>Quaternary Geochronology</i> , 2012, 14, 38-47.	0.6	43
10	Earlyâ€‰Middle Holocene environmental changes and pre-Neolithic human occupations as recorded in the cavities of Jebel Qara (Dhofar, southern Sultanate of Oman). <i>Quaternary International</i> , 2015, 382, 264-276.	0.7	42
11	Spatial relationship between earthquakes and volcanic vents in the central-northern Main Ethiopian Rift. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 262, 123-133.	0.8	41
12	The intimate relationship between strain and magmatism: A numerical treatment of clustered monogenetic fields in the Main Ethiopian Rift. <i>Tectonics</i> , 2013, 32, 49-64.	1.3	34
13	The 4.2â€‰ka event in the central Mediterranean: new data from a Corchia speleothem (Apuan Alps.) <i>Tj ETQq1 1 0.784314 rgBT /Ov</i>	1.3	32
14	Holocene Critical Zone dynamics in an Alpine catchment inferred from a speleothem multiproxy record: disentangling climate and human influences. <i>Scientific Reports</i> , 2019, 9, 17829.	1.6	32
15	An Oldest Dryas glacier expansion on Mount Pelister (Former Yugoslavian Republic of Macedonia) according to <sup>10</sup> Be cosmogenic dating. <i>Journal of the Geological Society</i> , 2018, 175, 100-110.	0.9	30
16	Holocene Beach Ridges and Coastal Evolution in the Cabo Raso Bay (Atlantic Patagonian Coast,) <i>Tj ETQq0 0 0 rgBT /Overlock, 10 Tf 50 1</i>	0.1	29
17	Volcanic field elongation, vent distribution, and tectonic evolution of a continental rift: The Main Ethiopian Rift example. , 2016, 12, 706-720.		28
18	Evidence for a Younger Dryas deglaciation in the Galicica Mountains (FYROM) from cosmogenic <sup>36</sup> Cl. <i>Quaternary International</i> , 2018, 464, 352-363.	0.7	28

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19	Hydraulic connection and fluid overpressure in upper crustal rocks: Evidence from the geometry and spatial distribution of veins at Botrona quarry, southern Tuscany, Italy. <i>Journal of Structural Geology</i> , 2007, 29, 1386-1399.	1.0	26
20	Spatial variability of volcanic features in early-stage rift settings: the case of the Tanzania Divergence, East African rift system. <i>Terra Nova</i> , 2014, 26, 461-468.	0.9	23
21	Morphometric analysis of lava flow units: Case study over LIDAR-derived topography at Mount Etna, Italy. <i>Journal of Volcanology and Geothermal Research</i> , 2012, 235-236, 11-22.	0.8	22
22	Environmental variability between the penultimate deglaciation and the mid Eemian: Insights from Tana che Urla (central Italy) speleothem trace element record. <i>Quaternary Science Reviews</i> , 2016, 152, 80-92.	1.4	22
23	Middle- to late-Holocene relative sea-level changes at Puerto Deseado (Patagonia, Argentina). <i>Holocene</i> , 2014, 24, 307-317.	0.9	21
24	A MIS 9/MIS 8 speleothem record of hydrological variability from Macedonia (F.Y.R.O.M.). <i>Global and Planetary Change</i> , 2018, 162, 39-52.	1.6	19
25	Identification of Leveled Archeological Mounds (HÃ¼yÃ¼k) in the Alluvial Plain of the Ceyhan River (Southern Turkey) by Satellite Remote-Sensing Analyses. <i>Remote Sensing</i> , 2018, 10, 241.	1.8	18
26	Partitioning of Mg, Sr, Ba and U into a subaqueous calcite speleothem. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 264, 67-91.	1.6	18
27	Hypogean microclimatology and hydrology of the 800-900 m asl level in the Monte Corchia cave (Tuscany, Italy): preliminary considerations and implications for paleoclimatological studies. <i>Acta Carsologica</i> , 2012, 40, .	0.3	18
28	Fluid circulation in the upper brittle crust: Thickness distribution, hydraulic transmissivity fluid inclusion and isotopic data of veins hosted in the Oligocene sandstones of the Macigno Formation in southern Tuscany, Italy. <i>Tectonophysics</i> , 2010, 493, 118-138.	0.9	17
29	Geomorphologic Map of Northeastern Sector of San Jorge Gulf (Chubut, Argentina). <i>Journal of Maps</i> , 2011, 7, 476-485.	1.0	17
30	Magnesium in subaqueous speleothems as a potential palaeotemperature proxy. <i>Nature Communications</i> , 2020, 11, 5027.	5.8	16
31	A 10,000 yr record of high-resolution Paleosecular Variation from a flowstone of Rio Martino Cave, Northwestern Alps, Italy. <i>Earth and Planetary Science Letters</i> , 2018, 485, 32-42.	1.8	12
32	Recent volcano-tectonic activity of the Ririba rift and the evolution of rifting in South Ethiopia. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 403, 106989.	0.8	12
33	Mid-Holocene relative sea-level changes along Atlantic Patagonia: New data from Camarones, Chubut, Argentina. <i>Holocene</i> , 2018, 28, 56-64.	0.9	11
34	Coastal landscape evolution and sea-level change: a case study from Central Patagonia (Argentina). <i>Zeitschrift fÃ¼r Geomorphologie</i> , 2015, 59, 145-172.	0.3	10
35	Geomorphology of the Ceyhan River lower plain (Adana Region, Turkey). <i>Journal of Maps</i> , 2017, 13, 133-141.	1.0	10
36	Influence of Topographic Resolution and Accuracy on Hydraulic Channel Flow Simulations: Case Study of the Versilia River (Italy). <i>Remote Sensing</i> , 2019, 11, 1630.	1.8	10

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37	Beyond one-way determinism: San Frediano's miracle and climate change in Central and Northern Italy in late antiquity. <i>Climatic Change</i> , 2021, 165, 25.	1.7	10
38	Late-pleistocene wedge structures along the patagonian coast (argentina): chronological constraints and palaeo-environmental implications. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2014, 96, 161-176.	0.6	8
39	GPR versus Geoarchaeological Findings in a Complex Archaeological Site (Badia Pozzeveri, Italy). <i>Archaeological Prospection</i> , 2017, 24, 141-156.	1.1	7
40	New Chronological Constraints from Hypogean Deposits for Late Pliocene to Recent Morphotectonic History of the Alpi Apuane (NW Tuscany, Italy). <i>Geosciences (Switzerland)</i> , 2021, 11, 65.	1.0	4
41	Interstadial conditions over the Southern Alps during the early penultimate glacial (MIS 6): a multiproxy record from Rio Martino Cave (Italy). <i>Quaternary Science Reviews</i> , 2021, 257, 106856.	1.4	4
42	Deformation history of a foredeep basin during the incorporation of its deposits within an advancing orogenic wedge: The case of the Oligocene-Early Miocene Macigno Costiero Formation, southern Tuscany, northern Apennines, Italy. <i>Journal of Structural Geology</i> , 2021, 147, 104347.	1.0	4
43	Vent distribution and structural inheritance in an embryonic rift: The example of the Chyulu Hills off-rift magmatic range (South Kenya). <i>Journal of Volcanology and Geothermal Research</i> , 2021, 416, 107268.	0.8	4
44	Wavelet analysis of $\delta^{18}O$ and $\delta^{13}C$ time-series from an Holocene speleothem record from Corchia Cave (central Italy): insights for the recurrence of dry-wet periods in the Central Mediterraneans. <i>Italian Journal of Geosciences</i> , 2018, 137, 128-137.	0.4	4
45	Stable Oxygen and Carbon Isotope Composition of Holocene Mytilidae from the Camarones Coast (Chubut, Argentina): Palaeoceanographic Implications. <i>Water (Switzerland)</i> , 2020, 12, 3464.	1.2	2
46	Title is missing!. <i>Italian Journal of Geosciences</i> , 2017, 136, 198-205.	0.4	1
47	Challenges in relative sea-level change assessment highlighted through a case study: The central coast of Atlantic Patagonia. <i>Global and Planetary Change</i> , 2019, 182, 103008.	1.6	1
48	Seismic lines Offshore Mount Etna (SOME): open database. <i>Annals of Geophysics</i> , 2017, 60, .	0.5	1
49	Geochemical characteristics of the infilling of ground wedges at Puerto Deseado (Santa Cruz, Argentina). <i>Journal of Geochemical Exploration</i> , 2021, 227, 103708.	0.2	1
50	Fluid transfer and vein thickness distribution in high and low temperature hydrothermal systems at shallow crustal level in southern Tuscany (Italy). <i>Annals of Geophysics</i> , 2014, 57, .	0.5	0