

Riccardo Civico

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

2,751
citations

257450

24
h-index

182427

51
g-index

71
all docs

71
docs citations

71
times ranked

3158
citing authors

#	ARTICLE	IF	CITATIONS
1	Glacial/interglacial temperature variations in Soreq cave speleothems as recorded by $\delta^{18}O$ clumped isotope $\delta^{18}O_{clumped}$ thermometry. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 5351-5360.	3.9	264
2	A high resolution and continuous isotopic speleothem record of paleoclimate and paleoenvironment from 90 to 53 ka from Pinnacle Point on the south coast of South Africa. <i>Quaternary Science Reviews</i> , 2010, 29, 2131-2145.	3.0	213
3	Levantine cranium from Manot Cave (Israel) foreshadows the first European modern humans. <i>Nature</i> , 2015, 520, 216-219.	27.8	191
4	Climatic variability during the last ~ 490 ka of the southern and northern Levantine Basin as evident from marine records and speleothems. <i>Quaternary Science Reviews</i> , 2009, 28, 2882-2896.	3.0	188
5	Desert speleothems reveal climatic window for African exodus of early modern humans. <i>Geology</i> , 2007, 35, 831.	4.4	181
6	Evidence for surface rupture associated with the Mw 6.3 L'Aquila earthquake sequence of April 2009 (central Italy). <i>Terra Nova</i> , 2010, 22, 43-51.	2.1	140
7	Surface ruptures following the 30 October 2016 Mw 6.5 Norcia earthquake, central Italy. <i>Journal of Maps</i> , 2018, 14, 151-160.	2.0	121
8	Climatic changes and social transformations in the Near East and North Africa during the ~ 4 th millennium BC: A comparative study of environmental and archaeological evidence. <i>Quaternary Science Reviews</i> , 2016, 136, 96-121.	3.0	108
9	Coseismic ruptures of the 24 August 2016, Mw 6.0 Amatrice earthquake (central Italy). <i>Journal of Geophysical Research</i> , 2017, 122, 10,784-10,814.	4.0	91
10	A database of the coseismic effects following the 30 October 2016 Norcia earthquake in Central Italy. <i>Scientific Data</i> , 2018, 5, 180049.	5.3	89
11	Dating large infrequent earthquakes by damaged cave deposits. <i>Geology</i> , 2005, 33, 261.	4.4	81
12	Seasonal climate signals (1990-2008) in a modern Soreq Cave stalagmite as revealed by high-resolution geochemical analysis. <i>Chemical Geology</i> , 2014, 363, 322-333.	3.3	75
13	Evidence for surface faulting events along the Paganica fault prior to the 6 April 2009 L'Aquila earthquake (central Italy). <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	68
14	A Worldwide and Unified Database of Surface Ruptures (SURE) for Fault Displacement Hazard Analyses. <i>Seismological Research Letters</i> , 2020, 91, 499-520.	1.9	65
15	Detecting young, slow-slipping active faults by geologic and multidisciplinary high-resolution geophysical investigations: A case study from the Apennine seismic belt, Italy. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	64
16	Liquefaction phenomena associated with the Emilia earthquake sequence of May-June 2012 (Northern Italy). <i>Journal of Geophysical Research</i> , 2013, 118, 10, 3,600-3,611.	3.6	61
17	Stromatolites in caves of the Dead Sea Fault Escarpment: implications to latest Pleistocene lake levels and tectonic subsidence. <i>Quaternary Science Reviews</i> , 2009, 28, 80-92.	3.0	57
18	Surface Faulting of the 30 October 2016 Mw 6.5 Central Italy Earthquake: Detailed Analysis of a Complex Coseismic Rupture. <i>Tectonics</i> , 2018, 37, 3378-3410.	2.8	48

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19	The 21 August 2017 Md4.0 Casamicciola Earthquake: First Evidence of Coseismic Normal Surface Faulting at the Ischia Volcanic Island. <i>Seismological Research Letters</i> , 2018, 89, 1323-1334.	1.9	41
20	Coseismic effects of the 2016 Amatrice seismic sequence: first geological results. <i>Annals of Geophysics</i> , 2016, 59, .	1.0	37
21	Deep electrical resistivity tomography along the tectonically active Middle Aterno Valley (2009) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.4	34
22	Geometry and evolution of a fault-controlled Quaternary basin by means of TDEM and single-station ambient vibration surveys: The example of the 2009 L'Aquila earthquake area, central Italy. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 2236-2259.	3.4	32
23	Shallow subsurface imaging of the Piano di Pezza active normal fault (central Italy) by high-resolution refraction and electrical resistivity tomography coupled with time-domain electromagnetic data. <i>Geophysical Journal International</i> , 2015, 203, 1482-1494.	2.4	27
24	Surface ruptures following the 26 December 2018, Mw 4.9, Mt. Etna earthquake, Sicily (Italy). <i>Journal of Maps</i> , 2019, 15, 831-837.	2.0	26
25	Quaternary geology of the Middle Aterno Valley, 2009...L'Aquila earthquake area (Abruzzi Apennines,) Tj ETQq1 1 0.784314 rgBT /Ov	2.0	24
26	Blast-induced liquefaction in silty sands for full-scale testing of ground improvement methods: Insights from a multidisciplinary study. <i>Engineering Geology</i> , 2020, 265, 105437.	6.3	24
27	Millennial climatic instability during penultimate glacial period recorded in a south-western France speleothem. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 376, 122-131.	2.3	23
28	Morphotectonic analysis of the long-term surface expression of the 2009 L'Aquila earthquake fault (Central Italy) using airborne LiDAR data. <i>Tectonophysics</i> , 2015, 644-645, 108-121.	2.2	21
29	22-kyr Long Record of Surface Faulting Along the Source of the 30 October 2016 Earthquake (Central) Tj ETQq1 1 0.784314 rgBT /Ov	3.4	20
30	Liquefaction susceptibility assessment in fluvial plains using airborne lidar: the case of the 2012 Emilia earthquake sequence area (Italy). <i>Natural Hazards and Earth System Sciences</i> , 2015, 15, 2473-2483.	3.6	19
31	Geometry and Structure of a Fault-Bounded Extensional Basin by Integrating Geophysical Surveys and Seismic Anisotropy Across the 30 October 2016 <i>M</i> _w 6.5 Earthquake Fault (Central Italy): The Pian Grande di Castelluccio Basin. <i>Tectonics</i> , 2019, 38, 26-48.	2.8	19
32	Sea Level Rise Scenario for 2100 A.D. in the Heritage Site of Pyrgi (Santa Severa, Italy). <i>Journal of Marine Science and Engineering</i> , 2020, 8, 64.	2.6	18
33	Unoccupied Aircraft Systems (UASs) Reveal the Morphological Changes at Stromboli Volcano (Italy) before, between, and after the 3 July and 28 August 2019 Paroxysmal Eruptions. <i>Remote Sensing</i> , 2021, 13, 2870.	4.0	18
34	The first Italian blast-induced liquefaction test (Mirabello, Emilia-Romagna, Italy): description of the experiment and preliminary results. <i>Annals of Geophysics</i> , 2017, 60, .	1.0	18
35	Integrating multidisciplinary, multiscale geological and geophysical data to image the Castrovillari fault (Northern Calabria, Italy). <i>Geophysical Journal International</i> , 2015, 203, 1847-1863.	2.4	17
36	Characterising vent and crater shape changes at Stromboli: implications for risk areas. <i>Volcanica</i> , 2021, 4, 87-105.	1.8	17

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37	Surface ruptures database related to the 26 December 2018, MW 4.9 Mt. Etna earthquake, southern Italy. <i>Scientific Data</i> , 2020, 7, 42.	5.3	16
38	Imaging the structural style of an active normal fault through multidisciplinary geophysical investigation: a case study from the Mw 6.1, 2009 L'Aquila earthquake region (central Italy). <i>Geophysical Journal International</i> , 2015, 200, 1676-1691.	2.4	15
39	High-resolution controlled-source seismic tomography across the Middle Aterno basin in the epicentral area of the 2009, Mw 6.3, L'Aquila earthquake (central Apennines, Italy). <i>Italian Journal of Geosciences</i> , 2012, , 373-388.	0.8	15
40	Investigating the architecture of the Paganica Fault (2009 Mw 6.1 earthquake), geological mapping. <i>Geophysical Journal International</i> , 2017, 208, 403-423.	2.4	14
41	Technologies and new approaches used by the INGV EMERGEO Working Group for real-time data sourcing and processing during the Emilia Romagna (northern Italy) 2012 earthquake sequence. <i>Annals of Geophysics</i> , 2012, 55, .	1.0	14
42	Evidence for Surface Faulting Earthquakes on the Montereale Fault System (Abruzzi Apennines).	2.8	11
43	Deep Electrical Resistivity Tomography of the Major Basin Related to the 2016 Mw 6.5 Central Italy Earthquake Fault. <i>Tectonics</i> , 2021, 40, e2020TC006628.	2.8	11
44	Environmental effects and seismogenic source characterization of the December 2020 earthquake sequence near Petrinja, Croatia. <i>Geophysical Journal International</i> , 2022, 230, 1394-1418.	2.4	11
45	Broken speleothems reveal Holocene and Late Pleistocene paleoearthquakes in Northern Calabria, Italy. <i>Quaternary International</i> , 2017, 451, 176-184.	1.5	10
46	Dating speleoseismites near the Dead Sea Transform and the Carmel Fault: Clues to coupling of a plate boundary and its branch. <i>Israel Journal of Earth Sciences</i> , 2009, 58, 257-273.	0.3	10
47	Characterization of active fault scarps from LiDAR data: a case study from Central Apennines (Italy). <i>International Journal of Geographical Information Science</i> , 2013, 27, 1405-1416.	4.8	9
48	Traces of the active Capitignano and San Giovanni faults (Abruzzi Apennines, Italy). <i>Journal of Maps</i> , 2016, 12, 453-459.	2.0	9
49	Complexity of the 2009 L'Aquila earthquake causative fault system (Abruzzi Apennines, Italy) and effects on the Middle Aterno Quaternary basin arrangement. <i>Quaternary Science Reviews</i> , 2019, 213, 30-66.	3.0	9
50	High resolution morphometric analysis of the Cordone del Vettore normal fault scarp (2016 central Italy). <i>Geophysical Journal International</i> , 2021, 388, 107784.	2.6	7
51	Liquefied sites of the 2012 Emilia earthquake: a comprehensive database of the geological and geotechnical features (Quaternary alluvial Po plain, Italy). <i>Bulletin of Earthquake Engineering</i> , 2022, 20, 3659-3697.	4.1	6
52	Diagnostic Multidisciplinary Investigations for Cultural Heritage at Etna Volcano: A Case Study from the 1669 Eruption in the Mother Church at the Old Settlement of Misterbianco. <i>Remote Sensing</i> , 2022, 14, 2388.	4.0	6
53	Geological and Geophysical Approaches for the Definition of the Areas Prone to Liquefaction and for the Identification and Characterization of Palaeoliquefaction Phenomena, the Case of the 2012 Emilia Epicentral Area, Italy. , 2015, , 951-955.		5
54	Modeling of earthquake chronology from paleoseismic data: Insights for regional earthquake recurrence and earthquake storms in the Central Apennines. <i>Tectonophysics</i> , 2021, 816, 229016.	2.2	5

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55	Geochemical and geoelectrical characterization of the Terre Calde di Medolla (Emilia-Romagna, Italy). <i>Journal of Earth System Science</i> , 2021, 221, 106678.	3.2	4
56	High-Resolution Seismic Profiling in the Hanging Wall of the Southern Fault Section Ruptured During the 2016 Mw 6.5 Central Italy Earthquake. <i>Tectonics</i> , 2021, 40, e2021TC006786.	2.8	4
57	New trenching results along the Öznik segment of the central strand of the North Anatolian Fault (Turkey): an integration with preexisting data. <i>Mediterranean Geoscience Reviews</i> , 2021, 3, 115-128.	1.2	3
58	Reply to "Comment on 'The 21 August 2017 Mw 4.0 Casamicciola Earthquake: First Evidence of Coseismic Normal Surface Faulting at the Ischia Volcanic Island' by Nappiet al. (2018)" by V. De Novellis, S. Carlino, R. Castaldo, A. Tramelli, C. De Luca, N. A. Pino, S. Pepe, V. Convertito, I. Zinno, P. De Martino, M. Bonano, F. Giudicepietro, F. Casu, G. Macedonio, M. Manunta, M. Manzo, G. Solaro, P. Tizzani, G. Zeni, and R. Lanari. <i>Seismological Research Letters</i> , 2019, 90, 316-321.	1.9	2
59	Multidisciplinary Study of Subsidence and Sinkhole Occurrences in the Acque Albule Basin (Roma, Italy). <i>Journal of Earth System Science</i> , 2021, 221, 106678.	2.6	2
60	Multi-Parametric Imaging of Etruscan Chamber Tombs: Grotte Di Castro Case Study (Italy). <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7875.	2.5	1