

# 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	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
2	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
3	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
4	Geochemical and geoelectrical characterization of the Terre Calde di Medolla (Emilia-Romagna, Italy). <i>Journal of Volcanology and Geothermal Energy</i> , 2021, 1066678.	3.2	4
5	New trenching results along the Etna 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
6	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
7	Characterising vent and crater shape changes at Stromboli: implications for risk areas. <i>Volcanica</i> , 2021, 4, 87-105.	1.8	17
8	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
9	Multi-Parametric Imaging of Etruscan Chamber Tombs: Grotte Di Castro Case Study (Italy). <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7875.	2.5	1
10	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
11	High resolution morphometric analysis of the Cordone del Vettore normal fault scarp (2016 central Italy). <i>Journal of Volcanology and Geothermal Energy</i> , 2021, 388, 107784.	2.6	7
12	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
13	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
14	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
15	Multidisciplinary Study of Subsidence and Sinkhole Occurrences in the Acque Albule Basin (Roma, Italy). <i>Journal of Volcanology and Geothermal Energy</i> , 2021, 10784314.	2.6	2
16	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
17	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
18	Long Record of Surface Faulting Along the Source of the 30 October 2016 Earthquake (Central Italy). <i>Journal of Geophysical Research</i> , 2019, 124, 9021-9048.	3.4	20

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19	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
20	Reply to "Comment on "The 21 August 2017 Md4.0 Casamicciola Earthquake: First Evidence of Coseismic Normal Surface Faulting at the Ischia Volcanic Island" by NappietAl.(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
21	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
22	Geometry and Structure of a Fault-Bounded Extensional Basin by Integrating Geophysical Surveys and Seismic Anisotropy Across the 30 October 2016 <i>M</i> 6.5 Earthquake Fault (Central Italy): The Pian Grande di Castelluccio Basin. <i>Tectonics</i> , 2019, 38, 26-48.	2.8	19
23	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
24	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
25	Surface Faulting of the 30 October 2016 <i>M</i> 6.5 Central Italy Earthquake: Detailed Analysis of a Complex Coseismic Rupture. <i>Tectonics</i> , 2018, 37, 3378-3410.	2.8	48
26	Surface ruptures following the 30 October 2016 <i>M</i> 6.5 Norcia earthquake, central Italy. <i>Journal of Maps</i> , 2018, 14, 151-160.	2.0	121
27	Evidence for Surface Faulting Earthquakes on the Montereale Fault System (Abruzzi Apennines.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 11</i>	2.8	11
28	Coseismic ruptures of the 24 August 2016, <i>M</i> 6.0 Amatrice earthquake (central) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i>	4.6	94
29	Broken speleothems reveal Holocene and Late Pleistocene paleoearthquakes in Northern Calabria, Italy. <i>Quaternary International</i> , 2017, 451, 176-184.	1.5	10
30	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
31	Investigating the architecture of the Paganica Fault (2009 <i>M</i> 6.1 earthquake,) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 14</i> geological mapping. <i>Geophysical Journal International</i> , 2017, 208, 403-423.	2.4	14
32	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
33	Deep electrical resistivity tomography along the tectonically active Middle Aterno Valley (2009) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	2.4	34
34	Traces of the active Capitignano and San Giovanni faults (Abruzzi Apennines, Italy). <i>Journal of Maps</i> , 2016, 12, 453-459.	2.0	9
35	Climatic changes and social transformations in the Near East and North Africa during the "long" 4th millennium BC: A comparative study of environmental and archaeological evidence. <i>Quaternary Science Reviews</i> , 2016, 136, 96-121.	3.0	108
36	Coseismic effects of the 2016 Amatrice seismic sequence: first geological results. <i>Annals of Geophysics</i> , 2016, 59, .	1.0	37

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37	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
38	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
39	Quaternary geology of the Middle Aterno Valley, 2009â€¦L'Aquila earthquake area (Abruzzi Apennines,) Tj ETQq1 1 0.784314 rgBT / 2.0 24		
40	Levantine cranium from Manot Cave (Israel) foreshadows the first European modern humans. <i>Nature</i> , 2015, 520, 216-219.	27.8	191
41	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
42	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
43	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
44	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
45	Seasonal climate signals (1990â€“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
46	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
47	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
48	Liquefaction phenomena associated with the Emilia earthquake sequence of Mayâ€“June 2012 (Northern) Tj ETQq0 0 0 rgBT / Overlock 1 3.6 61		
49	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
50	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
51	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
52	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
53	Detecting young, slowâ€“slipping active faults by geologic and multidisciplinary highâ€“resolution geophysical investigations: A case study from the Apennine seismic belt, Italy. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	64
54	A high resolution and continuous isotopic speleothem record of paleoclimate and paleoenvironment from 90 to 53â€“ka from Pinnacle Point on the south coast of South Africa. <i>Quaternary Science Reviews</i> , 2010, 29, 2131-2145.	3.0	213

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55	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
56	Climatic variability during the last ~1490ka 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
57	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
58	Glacial/interglacial temperature variations in Soreq cave speleothems as recorded by $\delta^{18}O$ clumped isotope thermometry. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 5351-5360.	3.9	264
59	Desert speleothems reveal climatic window for African exodus of early modern humans. <i>Geology</i> , 2007, 35, 831.	4.4	181
60	Dating large infrequent earthquakes by damaged cave deposits. <i>Geology</i> , 2005, 33, 261.	4.4	81