

daniela Pantosti

List of Publications by Year in descending order

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90
papers

3,672
citations

147801

31
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149698

56
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96
all docs

96
docs citations

96
times ranked

2661
citing authors

#	ARTICLE	IF	CITATIONS
1	Twenty years of paleoseismology in Italy. <i>Earth-Science Reviews</i> , 2008, 88, 89-117.	9.1	270
2	Faulting mechanism and complexity of the November 23, 1980, Campania-Lucania Earthquake, inferred from surface observations. <i>Journal of Geophysical Research</i> , 1990, 95, 15319-15341.	3.3	209
3	Paleoseismology along the 1980 surface rupture of the Irpinia Fault: Implications for earthquake recurrence in the southern Apennines, Italy. <i>Journal of Geophysical Research</i> , 1993, 98, 6561-6577.	3.3	183
4	A 125 Kyr long geological record of seismic source repeatability: the Messina Straits (southern Italy) and the 1908 earthquake ($M_s = 7.1$). <i>Terra Nova</i> , 1992, 4, 472-483.	2.1	162
5	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
6	Paleoseismicity of the Ovindoli-Pezza fault, central Apennines, Italy: A history including a large, previously unrecorded earthquake in the Middle Ages (860-1300 A.D.). <i>Journal of Geophysical Research</i> , 1996, 101, 5937-5959.	3.3	138
7	Historical and pre-historical tsunamis in the Mediterranean and its connected seas: Geological signatures, generation mechanisms and coastal impacts. <i>Marine Geology</i> , 2014, 354, 81-109.	2.1	128
8	The investigation of potential earthquake sources in peninsular Italy: A review. , 2001, 5, 287-306.		122
9	Coseismic ruptures of the 24 August 2016, $M_w = 6.0$ Amatrice earthquake (central Italy) <i>Tectonophysics</i> 687-691	4.0	114
10	A unique 4000 year long geological record of multiple tsunami inundations in the Augusta Bay (eastern Sicily, Italy). <i>Marine Geology</i> , 2010, 276, 42-57.	2.1	84
11	Effect of Time Dependence on Probabilistic Seismic-Hazard Maps and Deaggregation for the Central Apennines, Italy. <i>Bulletin of the Seismological Society of America</i> , 2009, 99, 585-610.	2.3	82
12	Possible tsunami signatures from an integrated study in the Augusta Bay offshore (Eastern Sicily) <i>Tectonophysics</i> 101-110	2.1	79
13	Paleoseismicity of the 1981 Corinth earthquake fault: Seismic contribution to extensional strain in central Greece and implications for seismic hazard. <i>Journal of Geophysical Research</i> , 1998, 103, 30001-30019.	3.3	78
14	Seismology and Tectonic Setting of the 2002 Molise, Italy, Earthquake. <i>Earthquake Spectra</i> , 2004, 20, 23-37.	3.1	73
15	Slip rates of the Aigion and Eliki Faults from uplifted marine terraces, Corinth Gulf, Greece. <i>Comptes Rendus - Geoscience</i> , 2004, 336, 325-334.	1.2	72
16	A major seismogenic fault in a 'silent area': the Castrovillari fault (southern Apennines, Italy). <i>Geophysical Journal International</i> , 1997, 130, 595-605.	2.4	69
17	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
18	Short-term vertical velocity field in the Apennines (Italy) revealed by geodetic levelling data. <i>Tectonophysics</i> , 2006, 418, 219-234.	2.2	61

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19	Liquefaction phenomena associated with the Emilia earthquake sequence of May-June 2012 (Northern Tj ETQq1,1 0.784314 rgBT 3.6 61)	3.6	61
20	Title is missing!. Journal of Seismology, 2002, 6, 199-217.	1.3	57
21	Discrimination of Tsunami Sources (Earthquake versus Landslide) on the Basis of Historical Data in Eastern Sicily and Southern Calabria. Bulletin of the Seismological Society of America, 2008, 98, 2795-2805.	2.3	50
22	The Holocene paleoseismicity of the Aremogna-Cinque Miglia Fault (Central Italy). Journal of Seismology, 2001, 5, 181-205.	1.3	48
23	Surface Faulting of the 30 October 2016 M _w 6.5 Central Italy Earthquake: Detailed Analysis of a Complex Coseismic Rupture. Tectonics, 2018, 37, 3378-3410.	2.8	48
24	Trench investigation along the MÃ©rida section of the BoconÃ³ fault (central Venezuelan Andes), Venezuela. Tectonophysics, 1999, 308, 1-21.	2.2	46
25	Palaeoseismological investigations of the Aigion Fault (Gulf of Corinth, Greece). Comptes Rendus - Geoscience, 2004, 336, 335-342.	1.2	46
26	The Aigion-Neos Erineos coastal normal fault system (western Corinth Gulf Rift, Greece): Geomorphological signature, recent earthquake history, and evolution. Journal of Geophysical Research, 2005, 110, .	3.3	41
27	A geologic contribution to the evaluation of the seismic potential of the Kahrizak fault (Tehran, Iran). Tectonophysics, 1998, 287, 187-199.	2.2	39
28	Recent history of the Eastern Eliko Fault, Gulf of Corinth: geomorphology, palaeoseismology and impact on palaeoenvironments. Geophysical Journal International, 2005, 161, 154-166.	2.4	38
29	Coseismic effects of the 2016 Amatrice seismic sequence: first geological results. Annals of Geophysics, 2016, 59, .	1.0	37
30	Deep electrical resistivity tomography along the tectonically active Middle Aterno Valley (2009) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 2.4 34	2.4	34
31	Geological evidence for paleotsunamis along eastern Sicily (Italy): an overview. Natural Hazards and Earth System Sciences, 2012, 12, 2569-2580.	3.6	33
32	Geomorphologic and biological indicators of paleoseismicity and Holocene uplift rate at a coastal normal fault footwall (western Corinth Gulf, Greece). Geomorphology, 2008, 96, 16-38.	2.6	32
33	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. Journal of Geophysical Research: Solid Earth, 2017, 122, 2236-2259.	3.4	32
34	Direct geological evidence for prior earthquakes on the 1981 Corinth Fault (central Greece). Geophysical Research Letters, 1996, 23, 3795-3798.	4.0	31
35	Paleoearthquakes of the DÃ¼zce fault (North Anatolian Fault Zone): Insights for large surface faulting earthquake recurrence. Journal of Geophysical Research, 2008, 113, .	3.3	31
36	Late Holocene Earthquakes on the Aeropuerto Fault, Managua, Nicaragua. Bulletin of the Seismological Society of America, 2002, 92, 1694-1707.	2.3	28

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37	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
38	Paleoseismologic investigation of the fault rupture of the 14 April 1928 Chirpan earthquake (M6.8), southern Bulgaria. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	26
39	Preliminary slip rate estimates for the D ¹ / ₄ segment of the North Anatolian Fault Zone from offset geomorphic markers. <i>Geomorphology</i> , 2008, 97, 538-554.	2.6	26
40	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
41	Testing a new hybrid approach to seismic hazard assessment: an application to the Calabrian Arc (Southern Italy). <i>Natural Hazards</i> , 1997, 14, 113-126.	3.4	25
42	Combining inland and offshore paleotsunamis evidence: the Augusta Bay (eastern Sicily, Italy) case study. <i>Natural Hazards and Earth System Sciences</i> , 2012, 12, 2557-2567.	3.6	25
43	A Reappraisal of the 1894 Atalanti Earthquake Surface Ruptures, Central Greece. <i>Bulletin of the Seismological Society of America</i> , 2001, 91, 760-780.	2.3	24
44	Paleoseismological Evidence of Recent Earthquakes on the 1967 Mudurnu Valley Earthquake Segment of the North Anatolian Fault Zone. <i>Bulletin of the Seismological Society of America</i> , 2007, 97, 1646-1661.	2.3	24
45	Geomorphological, stratigraphic and geochronological evidence of fast Pleistocene coastal uplift in the westernmost part of the Corinth Gulf Rift (Greece). <i>Geological Journal</i> , 2010, 45, 78-104.	1.3	24
46	Quaternary geology of the Middle Aterno Valley, 2009 L'Aquila earthquake area (Abruzzi Apennines). <i>Tectonophysics</i> , 2010, 497, 1-14.	2.0	24
47	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
48	Paleoseismological Trenching across the Atalanti Fault (Central Greece): Evidence for the Ancestors of the 1894 Earthquake during the Middle Ages and Roman Times. <i>Bulletin of the Seismological Society of America</i> , 2004, 94, 531-549.	2.3	23
49	Geological evidence of paleotsunamis at Torre degli Inglesi (northeast Sicily). <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	21
50	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
51	New coring study in Augusta Bay expands understanding of offshore tsunami deposits (Eastern Sicily). <i>Geophysical Research Letters</i> , 2019, 46, L12301.	3.1	21
52	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
53	Coseismic ruptures and tectonic landforms along the D ¹ / ₄ segment of the North Anatolian Fault Zone (Ms 7.1, November 1999). <i>Journal of Geophysical Research</i> , 2006, 111, n/a-n/a.	3.3	19
54	A complex seismogenic shear zone: The D ¹ / ₄ segment of North Anatolian Fault (Turkey). <i>Earth and Planetary Science Letters</i> , 2007, 262, 185-203.	4.4	19

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55	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
56	Publicity waves based on manipulated geoscientific data suggesting climatic trigger for majority of tsunami findings in the Mediterranean – ‘Response to ‘Tsunamis in the geological record: Making waves with a cautionary tale from the Mediterranean’ by Marriner et al. (2017). <i>Zeitschrift für Geomorphologie</i> , 2019, 62, 7-45.	0.8	19
57	Geometry and Structure of a Fault-Bounded Extensional Basin by Integrating Geophysical Surveys and Seismic Anisotropy Across the 30 October 2016 Mw 6.5 Earthquake Fault (Central Italy): The Pian Grande di Castelluccio Basin. <i>Tectonics</i> , 2019, 38, 26-48.	2.8	19
58	The Most Recent Large Earthquake on the Rodgers Creek Fault, San Francisco Bay Area. <i>Bulletin of the Seismological Society of America</i> , 2005, 95, 844-860.	2.3	18
59	Deriving a long paleoseismic record from a shallow-water Holocene basin next to the Alpine fault, New Zealand. <i>Bulletin of the Geological Society of America</i> , 2013, 125, 811-832.	3.3	18
60	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
61	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
62	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
63	Trench investigation on the main strand of the Boconó fault in its central section, at Mesa del Caballo, Mérida Andes, Venezuela. <i>Tectonophysics</i> , 2008, 459, 38-53.	2.2	15
64	Environment-human relationships in historical times: The balance between urban development and natural forces at Leptis Magna (Libya). <i>Quaternary International</i> , 2011, 242, 171-184.	1.5	15
65	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
66	The L'Aquila trial. <i>Geological Society Special Publication</i> , 2015, 419, 43-55.	1.3	15
67	Preface: Marine and Lake Paleoseismology. <i>Natural Hazards and Earth System Sciences</i> , 2013, 13, 3469-3478.	3.6	14
68	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
69	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
70	Earthquakes in Italy: past, present and future. <i>Episodes</i> , 2003, 26, 245-249.	1.2	13
71	The 20 and 27 April 1894 (Locris, Central Greece) Earthquake Sources through Coeval Records on Macroseismic Effects. <i>Bulletin of the Seismological Society of America</i> , 2004, 94, 1305-1326.	2.3	12
72	A continuous palaeosecular variation record of the last four millennia from the Augusta Bay (Sicily),	2.4	11

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73	Evidence for Surface Faulting Earthquakes on the Montereale Fault System (Abruzzi Apennines). Tj ETQq1 1 0.784314 rgBT /Overlock 11	2.8	11
74	3â€ Deep Electrical Resistivity Tomography of the Major Basin Related to the 2016 M_w>6.5 Central Italy Earthquake Fault. Tectonics, 2021, 40, e2020TC006628.	2.8	11
75	A Ten-Year Earthquake Occurrence Model for Italy. Bulletin of the Seismological Society of America, 2012, 102, 1195-1213.	2.3	10
76	Traces of the active Capitignano and San Giovanni faults (Abruzzi Apennines, Italy). Journal of Maps, 2016, 12, 453-459.	2.0	9
77	Complexity of the 2009 L'Aquila earthquake causative fault system (Abruzzi Apennines, Italy) and effects on the Middle Aterno Quaternary basin arrangement. Quaternary Science Reviews, 2019, 213, 30-66.	3.0	9
78	The Mediterranean Sea and the Gulf of Cadiz as a natural laboratory for paleotsunami research: Recent advancements. Earth-Science Reviews, 2021, 216, 103578.	9.1	9
79	Paleoseismic Investigation of Historical Liquefactions Along the Ionian Coast of Sicily. Journal of Earthquake Engineering, 2008, 13, 68-79.	2.5	8
80	Geomorphological reconnaissance of the Psathopyrgos and Rion-Patras Fault zones (Achaia, NW) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	8
81	Paradoxes of Italian seismicity. Eos, 1990, 71, 1787-1788.	0.1	7
82	High resolution morphometric analysis of the Cordone del Vettore normal fault scarp (2016 central) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2021, 388, 107784.	2.6	7
83	Evidence of active tectonics in the Augusta Basin (eastern Sicily, Italy) by Chirp sub-bottom sonar investigation. Annals of Geophysics, 2014, 56, .	1.0	7
84	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
85	Modeling of earthquake chronology from paleoseismic data: Insights for regional earthquake recurrence and earthquake storms in the Central Apennines. Tectonophysics, 2021, 816, 229016.	2.2	5
86	Searching for Records of Past Earthquakes Under Water. Eos, 2011, 92, 48-48.	0.1	4
87	Highâ€Resolution Seismic Profiling in the Hanging Wall of the Southern Fault Section Ruptured During the 2016 M_w> 6.5 Central Italy Earthquake. Tectonics, 2021, 40, e2021TC006786.	2.8	4
88	New trenching results along the Ä°zlik segment of the central strand of the North Anatolian Fault (Turkey): an integration with preexisting data. Mediterranean Geoscience Reviews, 2021, 3, 115-128.	1.2	3
89	Integration of historical, archaeoseismic and paleoseismological data for the reconstruction of the early seismic history in Messina Strait (south Italy): the 1st and 4th centuries AD earthquakes. Annals of Geophysics, 2014, 57, .	1.0	3
90	Tsunamis in the Mediterranean Sea. , 2020, , .		1