

Pierfrancesco Burrato

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/760211/publications.pdf>

Version: 2024-02-01

54
papers

2,038
citations

236833

25
h-index

254106

43
g-index

61
all docs

61
docs citations

61
times ranked

1912
citing authors

#	ARTICLE	IF	CITATIONS
1	The Database of Individual Seismogenic Sources (DISS), version 3: Summarizing 20 years of research on Italy's earthquake geology. <i>Tectonophysics</i> , 2008, 453, 20-43.	0.9	332
2	Surface ruptures following the 30 October 2016 Mw 6.5 Norcia earthquake, central Italy. <i>Journal of Maps</i> , 2018, 14, 151-160.	1.0	121
3	Sources of Mw 5+ earthquakes in northeastern Italy and western Slovenia: An updated view based on geological and seismological evidence. <i>Tectonophysics</i> , 2008, 453, 157-176.	0.9	101
4	Active extension in Val d'Agri area, Southern Apennines, Italy: implications for the geometry of the seismogenic belt. <i>Geophysical Journal International</i> , 2005, 162, 591-609.	1.0	98
5	A database of the coseismic effects following the 30 October 2016 Norcia earthquake in Central Italy. <i>Scientific Data</i> , 2018, 5, 180049.	2.4	89
6	The Seismotectonics of the Po Plain (Northern Italy): Tectonic Diversity in a Blind Faulting Domain. <i>Pure and Applied Geophysics</i> , 2015, 172, 1105-1142.	0.8	83
7	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
8	Near- and far-field survey report of the 30 December 2002 Stromboli (Southern Italy) tsunami. <i>Marine Geology</i> , 2005, 215, 93-106.	0.9	63
9	Slip-rates of blind thrusts in slow deforming areas: Examples from the Po Plain (Italy). <i>Tectonophysics</i> , 2015, 643, 8-25.	0.9	63
10	Liquefaction phenomena associated with the Emilia earthquake sequence of May-June 2012 (Northern Italy). <i>Journal of Geophysical Research</i> , 2013, 118, 1500-1515.	1.5	61
11	Seismogenic sources in the Adriatic Domain. <i>Marine and Petroleum Geology</i> , 2013, 42, 191-213.	1.5	58
12	Overview on the Strong-Motion Data Recorded during the May-June 2012 Emilia Seismic Sequence. <i>Seismological Research Letters</i> , 2013, 84, 629-644.	0.8	51
13	Tectonic evidence for the ongoing Africa-Eurasia convergence in central Mediterranean foreland areas: A journey among long-lived shear zones, large earthquakes, and elusive fault motions. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	49
14	Deriving thrust fault slip rates from geological modeling: Examples from the Marche coastal and offshore contraction belt, Northern Apennines, Italy. <i>Marine and Petroleum Geology</i> , 2013, 42, 122-134.	1.5	42
15	The effects of pre-existing discontinuities on the surface expression of normal faults: Insights from wet-clay analog modeling. <i>Tectonophysics</i> , 2016, 684, 157-175.	0.9	40
16	Geochemical signatures of large active faults: The example of the 5 February 1783, Calabrian earthquake (southern Italy). <i>Journal of Seismology</i> , 2004, 8, 363-380.	0.6	39
17	Rise and Fall of a Hypothesized Seismic Gap: Source Complexity in the Mw 7.0 16 December 1857 Southern Italy Earthquake. <i>Bulletin of the Seismological Society of America</i> , 2008, 98, 139-148.	1.1	39
18	Coseismic effects of the 2016 Amatrice seismic sequence: first geological results. <i>Annals of Geophysics</i> , 2016, 59, .	0.5	37

#	ARTICLE	IF	CITATIONS
19	An inventory of river anomalies in the Po Plain, Northern Italy: evidence for active blind thrust faulting. <i>Annals of Geophysics</i> , 2009, 46, .	0.5	36
20	An active oblique-contractional belt at the transition between the Southern Apennines and Calabrian Arc: The Amendolara Ridge, Ionian Sea, Italy. <i>Tectonics</i> , 2014, 33, 2169-2194.	1.3	35
21	The role of pre-existing discontinuities in the development of extensional faults: An analog modeling perspective. <i>Journal of Structural Geology</i> , 2015, 74, 145-158.	1.0	34
22	Testing Different Tectonic Models for the Source of the M _w 6.5, 30 October 2016, Norcia Earthquake (Central Italy): A Youthful Normal Fault, or Negative Inversion of an Old Thrust?. <i>Tectonics</i> , 2019, 38, 990-1017.	1.3	33
23	Is blind faulting truly invisible? Tectonic-controlled drainage evolution in the epicentral area of the May 2012, Emilia-Romagna earthquake sequence (northern Italy). <i>Annals of Geophysics</i> , 2012, 55, .	0.5	29
24	Deformed Pleistocene marine terraces along the Ionian Sea margin of southern Italy: Unveiling blind fault-related folds contribution to coastal uplift. <i>Tectonics</i> , 2013, 32, 737-762.	1.3	28
25	Active faulting and continental slope instability in the Gulf of Patti (Tyrrhenian side of NE Sicily,) <i>Tectonics</i> , 2014, 33, 1074-1088.	1.6	28
26	Plio-Quaternary tectonic evolution of the Northern Apennines thrust fronts(Bologna-Ferrara) <i>Tectonics</i> , 2010, 29, 462-475.	2.0	25
27	A seismic sequence from Northern Apennines (Italy) provides new insight on the role of fluids in the active tectonics of accretionary wedges. <i>Earth and Planetary Science Letters</i> , 2009, 281, 99-109.	1.8	25
28	Electrical resistivity tomography investigations in the Ufita Valley (southern Italy).. <i>Annals of Geophysics</i> , 2008, 51, .	0.5	23
29	Modelling the interseismic deformation of a thrust system: seismogenic potential of the Southern Alps. <i>Terra Nova</i> , 2013, 25, 221-227.	0.9	20
30	The seismogenic structure of the 2013-2014 Matese seismic sequence, Southern Italy: implication for the geometry of the Apennines active extensional belt. <i>Geophysical Journal International</i> , 2015, 201, 823-837.	1.0	20
31	Repeated surveys reveal nontectonic exposure of supposedly active normal faults in the central Apennines, Italy. <i>Journal of Geophysical Research F: Earth Surface</i> , 2017, 122, 114-129.	1.0	20
32	Coseismic deformation pattern of the Emilia 2012 seismic sequence imaged by Radarsat-1 interferometry. <i>Annals of Geophysics</i> , 2012, 55, .	0.5	19
33	Understanding seismogenic processes in the Southern Calabrian Arc:a geodynamic perspective. <i>Italian Journal of Geosciences</i> , 2017, 136, 365-388.	0.4	18
34	Structural architecture and active deformation pattern in the northern sector of the Aeolian-Tindari-Letojanni fault system (SE Tyrrhenian Sea-NE Sicily) from integrated analysis of field, marine geophysical, seismological and geodetic data. <i>Italian Journal of Geosciences</i> , 2017, 136, 399-417.	0.4	17
35	Inferring the depth of pre-instrumental earthquakes from macroseismic intensity data: A case-history from Northern Italy. <i>Scientific Reports</i> , 2019, 9, 15583.	1.6	15
36	Late Quaternary coastal uplift of southwestern Sicily, central Mediterranean sea. <i>Quaternary Science Reviews</i> , 2021, 255, 106812.	1.4	15

#	ARTICLE	IF	CITATIONS
37	Earthquake-induced landslides susceptibility evaluation: A case study from the Abruzzo region (Central Italy). <i>Catena</i> , 2022, 208, 105729.	2.2	15
38	A fresh look at the seismotectonics of the Abruzzi (Central Apennines) following the 6 April 2009 L'Aquila earthquake (Mw 6.3). <i>Italian Journal of Geosciences</i> , 2012, , 309-329.	0.4	15
39	Technologies and new approaches used by the INGV EMERGEIO 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, .	0.5	14
40	When time and faults matter: towards a time-dependent probabilistic SHA in Calabria, Italy. <i>Bulletin of Earthquake Engineering</i> , 2017, 15, 2497-2524.	2.3	13
41	Earthquake Rupture Forecasts for the MPS19 Seismic Hazard Model of Italy. <i>Annals of Geophysics</i> , 2021, 64, .	0.5	13
42	Imaging the tectonic framework of the 24 August 2016, Amatrice (central Italy) earthquake sequence: new roles for old players?. <i>Annals of Geophysics</i> , 2016, 59, .	0.5	11
43	An Integrated Multiscale Method for the Characterisation of Active Faults in Offshore Areas. The Case of Sant'Eufemia Gulf (Offshore Calabria, Italy). <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	10
44	Reply to comment on "Insights from the Mw 6.3 2009 L'Aquila earthquake (Central Apennines) unveiling new seismogenic sources through their surface signatures: the adjacent San Pio Fault". <i>Terra Nova</i> , 2011, 23, 421-423.	0.9	7
45	Insights from the Mw 6.3, 2009 L'Aquila earthquake (Central Apennines) unveiling new seismogenic sources through their surface signatures: the adjacent San Pio Fault. <i>Terra Nova</i> , 2011, 23, 108-115.	0.9	6
46	From Historical Seismology to seismogenic source models, 20 years on: Excerpts from the Italian experience. <i>Tectonophysics</i> , 2020, 774, 228189.	0.9	6
47	Geodynamic and seismotectonic model of a long-lived transverse structure: The Schio-Vicenza Fault System (NE Italy). <i>Solid Earth</i> , 2021, 12, 1967-1986.	1.2	5
48	Fossil landscapes and youthful seismogenic sources in the central Apennines: excerpts from the 24 August 2016, Amatrice earthquake and seismic hazard implications. <i>Annals of Geophysics</i> , 2016, 59, .	0.5	5
49	Geophysics for Kids: The Experience of the Istituto Nazionale di Geofisica e Vulcanologia (Italy). <i>Seismological Research Letters</i> , 2003, 74, 529-535.	0.8	2
50	Seismic Waves and Sound Waves: From Earthquakes to Music. <i>Seismological Research Letters</i> , 2013, 84, 532-535.	0.8	2
51	Inventory of Onshore Hydrocarbon Seeps in Romania (HYSED-RO Database). <i>Geosciences (Switzerland)</i> , 2017, 7, 39.	1.0	2
52	Appendix to volume 44 suppl. 4, 2001 from I to IV. <i>Annals of Geophysics</i> , 2009, 44, .	0.5	2
53	Using the ERT method in tectonically active areas: hints from Southern Apennine (Italy). <i>Advances in Geosciences</i> , 0, 19, 61-65.	12.0	2
54	Using earthquakes to uncover the Earth's inner secrets: interactive exhibits for geophysical education. <i>Advances in Geosciences</i> , 0, 3, 15-18.	12.0	2