

Antonella Peresan

List of Publications by Year in descending order

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56
papers

1,207
citations

361413

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h-index

434195

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68
all docs

68
docs citations

68
times ranked

662
citing authors

#	ARTICLE	IF	CITATIONS
1	Seismic Hazard Scenarios as Preventive Tools for a Disaster Resilient Society. <i>Advances in Geophysics</i> , 2012, 53, 93-165.	2.8	91
2	Intermediate-term middle-range earthquake predictions in Italy: a review. <i>Earth-Science Reviews</i> , 2005, 69, 97-132.	9.1	80
3	Advanced Seismic Hazard Assessment. <i>Pure and Applied Geophysics</i> , 2011, 168, 1-9.	1.9	74
4	Neo-Deterministic and Probabilistic Seismic Hazard Assessments: a Comparison over the Italian Territory. <i>Pure and Applied Geophysics</i> , 2011, 168, 69-83.	1.9	73
5	Neo-Deterministic Seismic Hazard and Pattern Recognition Techniques: Time-Dependent Scenarios for North-Eastern Italy. <i>Pure and Applied Geophysics</i> , 2011, 168, 583-607.	1.9	54
6	Neo-deterministic seismic hazard assessment in North Africa. <i>Journal of Seismology</i> , 2014, 18, 301-318.	1.3	48
7	Operational earthquake forecast/prediction. <i>Rendiconti Lincei</i> , 2012, 23, 131-138.	2.2	46
8	Why are the Standard Probabilistic Methods of Estimating Seismic Hazard and Risks Too Often Wrong. , 2014, , 309-357.		46
9	Seismicity of Eastern Algeria: a revised and extended earthquake catalogue. <i>Natural Hazards</i> , 2010, 54, 725-747.	3.4	39
10	Neo-deterministic seismic hazard scenarios for India – a preventive tool for disaster mitigation. <i>Journal of Seismology</i> , 2017, 21, 1559-1575.	1.3	39
11	The comparison of the NDSHA, PSHA seismic hazard maps and real seismicity for the Italian territory. <i>Natural Hazards</i> , 2014, 70, 629-641.	3.4	38
12	A Multiscale Application of the Unified Scaling Law for Earthquakes in the Central Mediterranean Area and Alpine Region. <i>Pure and Applied Geophysics</i> , 2011, 168, 297-327.	1.9	34
13	Improving earthquake hazard assessments in Italy: An alternative to ‘Texas sharpshooting’. <i>Eos</i> , 2012, 93, 538-538.	0.1	32
14	Seismic clusters analysis in Northeastern Italy by the nearest-neighbor approach. <i>Physics of the Earth and Planetary Interiors</i> , 2018, 274, 87-104.	1.9	32
15	Three Decades of Seismic Activity at Mt. Vesuvius: 1972-2000. <i>Pure and Applied Geophysics</i> , 2004, 161, 123-144.	1.9	29
16	Seismic quiescence preceding the 2016 central Italy earthquakes. <i>Physics of the Earth and Planetary Interiors</i> , 2017, 272, 27-33.	1.9	26
17	Integration and magnitude homogenization of the Egyptian earthquake catalogue. <i>Natural Hazards</i> , 2008, 47, 525-546.	3.4	25
18	The SISMA prototype system: integrating Geophysical Modeling and Earth Observation for time-dependent seismic hazard assessment. <i>Natural Hazards</i> , 2013, 69, 1179-1198.	3.4	24

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19	Seismotectonic Model and CN Earthquake Prediction in Italy. <i>Pure and Applied Geophysics</i> , 1999, 154, 281-306.	1.9	23
20	On Operational Earthquake Forecast and Prediction Problems. <i>Seismological Research Letters</i> , 0, , .	1.9	23
21	Delineation of the geometry of nodes in the Alps–Dinarides hinge zone and recognition of seismogenic nodes (<i>Journal of Geophysical Research</i>). <i>Terra Nova</i> , 2009, 21, 257-264.	2.1	22
22	Neo-deterministic definition of seismic input for residential seismically isolated buildings. <i>Engineering Geology</i> , 2008, 101, 89-95.	6.3	21
23	Neo-deterministic seismic hazard assessment and earthquake occurrence rate. <i>Engineering Geology</i> , 2017, 229, 95-109.	6.3	21
24	CN algorithm and long-lasting changes in reported magnitudes: the case of Italy. <i>Geophysical Journal International</i> , 2000, 141, 425-437.	2.4	18
25	Seismic risk mitigation at Ischia island (Naples, Southern Italy): An innovative approach to mitigate catastrophic scenarios. <i>Engineering Geology</i> , 2019, 261, 105285.	6.3	17
26	Seismic hazard maps based on Neo-deterministic Seismic Hazard Assessment for China Seismic Experimental Site and adjacent areas. <i>Engineering Geology</i> , 2021, 291, 106208.	6.3	15
27	Climatic modulation of seismicity in the Alpine–Himalayan mountain ranges. <i>Terra Nova</i> , 2011, 23, 19-25.	2.1	14
28	Simulation of Seismicity in the Block-structure Model of Italy and its Surroundings. <i>Pure and Applied Geophysics</i> , 2007, 164, 2193-2234.	1.9	13
29	Space-Time Precursory Features within Ground Velocities and Seismicity in North-Central Italy. <i>Pure and Applied Geophysics</i> , 2020, 177, 369-386.	1.9	13
30	Modelling background seismicity components identified by nearest neighbour and stochastic declustering approaches: the case of Northeastern Italy. <i>Stochastic Environmental Research and Risk Assessment</i> , 2020, 34, 775-791.	4.0	12
31	Stability of intermediate-term earthquake predictions with respect to random errors in magnitude: the case of central Italy. <i>Physics of the Earth and Planetary Interiors</i> , 2002, 130, 117-127.	1.9	11
32	A seismic quiescence before the 2017 Mw 7.3 Sarpol Zahab (Iran) earthquake: Detection and analysis by improved RTL method. <i>Physics of the Earth and Planetary Interiors</i> , 2019, 290, 10-19.	1.9	11
33	Analysis of Italian Earthquake catalogs in the context of intermediate-term prediction problem. <i>Acta Geophysica</i> , 2013, 61, 583-610.	2.0	10
34	How geodesy can contribute to the understanding and prediction of earthquakes. <i>Rendiconti Lincei</i> , 2018, 29, 81-93.	2.2	10
35	Uranium, radium and tritium groundwater monitoring at INFN-Gran Sasso National Laboratory, Italy. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 295, 585-592.	1.5	9
36	Earthquake recurrence and seismic hazard assessment: a comparative analysis over the Italian territory. <i>WIT Transactions on the Built Environment</i> , 2013, , .	0.0	9

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37	Can high-school students contribute to seismic risk mitigation? Lessons learned from the development of a crowd-sourced exposure database. <i>International Journal of Disaster Risk Reduction</i> , 2022, 69, 102755.	3.9	9
38	Long-Term Probabilistic Forecast for M _A 5.0 Earthquakes in Iran. <i>Pure and Applied Geophysics</i> , 2017, 174, 1561-1580.	1.9	8
39	Assessing performances of pattern informatics method: a retrospective analysis for Iran and Italy. <i>Natural Hazards</i> , 2013, 68, 855-881.	3.4	7
40	A New Probabilistic Shift Away from Seismic Hazard Reality in Italy?. <i>Springer Proceedings in Physics</i> , 2015, , 83-103.	0.2	7
41	On some methods for assessing earthquake predictions. <i>Geophysical Journal International</i> , 2017, 210, 1474-1480.	2.4	6
42	Topological Comparison Between the Stochastic and the Nearest-Neighbor Earthquake Declustering Methods Through Network Analysis. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB019718.	3.4	6
43	Reality Check: Seismic Hazard Models You Can Trust. <i>Eos</i> , 2015, 96, .	0.1	6
44	Neo-Deterministic Scenario-Earthquake Accelerograms and Spectra: A NDSHA Approach to Seismic Analysis. , 2018, , 187-241.		6
45	Analysis of precursory seismicity patterns in Zagros (Iran) by CN algorithm. <i>Turkish Journal of Earth Sciences</i> , 2014, 23, 91-99.	1.0	5
46	Uranium Groundwater Monitoring and Seismic Analysis: A Case Study of the Gran Sasso Hydrogeological Basin, Italy. <i>Pure and Applied Geophysics</i> , 2016, 173, 1079-1095.	1.9	4
47	Anatomy of seismicity clustering from parametric space-time analysis. <i>Physics of the Earth and Planetary Interiors</i> , 2021, 320, 106787.	1.9	4
48	Diagnosis of Time of Increased Probability (TIP) for Volcanic Earthquakes at Mt. Vesuvius. <i>Pure and Applied Geophysics</i> , 2006, 163, 19-39.	1.9	2
49	Recent Achievements of the Neo-Deterministic Seismic Hazard Assessment in the CEI Region. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	2
50	Unified Scaling Law for Earthquakes: Space-Time Dependent Assessment in Friuli-Venezia Giulia Region. <i>Frontiers in Earth Science</i> , 2021, 8, .	1.8	1
51	The integration between seismology and geodesy for intermediate-term narrow-range earthquake prediction according to NDSHA. , 2022, , 97-112.		1
52	Editorial: Achievements and New Frontiers in Research Oriented to Earthquake Forecasting. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	1
53	Realistic Ground Motion Scenarios: Methodological Approach. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	0
54	Earthquake forecasting and time-dependent neo-deterministic seismic hazard assessment in Italy and surroundings. , 2022, , 151-173.		0

#	ARTICLE	IF	CITATIONS
55	Modeling scenarios of earthquake-generated tsunamis for the Vietnam coasts. , 2011, , .		0
56	Comment on "Assessing CN earthquake predictions in Italy" by M. Taroni, W. Marzocchi, P. Roselli. Annals of Geophysics, 2018, 61, .	1.0	0