

# Daniele Spallarossa

## List of Publications by Year in descending order

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65  
papers

1,686  
citations

257101

24  
h-index

329751

37  
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66  
all docs

66  
docs citations

66  
times ranked

1444  
citing authors

#	ARTICLE	IF	CITATIONS
1	Generic-To-Reference Rock Scaling Factors for Seismic Ground Motion in Italy. Bulletin of the Seismological Society of America, 2022, 112, 1583-1606.	1.1	15
2	Spatiotemporal Evolution of Ground-Motion Intensity at the Irpinia Near-Fault Observatory, Southern Italy. Bulletin of the Seismological Society of America, 2022, 112, 243-261.	1.1	6
3	Quantification of site effects in the Amatrice area (Central Italy): Insights from ground-motion recordings of the 2016–2017 seismic sequence. Soil Dynamics and Earthquake Engineering, 2021, 142, 106565.	1.9	14
4	The RAMONES Service for Rapid Assessment of Seismic Moment and Radiated Energy in Central Italy: Concepts, Capabilities, and Future Perspectives. Seismological Research Letters, 2021, 92, 1759-1772.	0.8	12
5	Depth-Dependent Shear-Wave Attenuation in Central Apennines, Italy. Pure and Applied Geophysics, 2021, 178, 2059-2075.	0.8	3
6	Shear wave splitting in the Alpine region. Geophysical Journal International, 2021, 227, 1996-2015.	1.0	12
7	Seismological analyses of the seismic microzonation of 138 municipalities damaged by the 2016–2017 seismic sequence in Central Italy. Bulletin of Earthquake Engineering, 2020, 18, 5553-5593.	2.3	29
8	Reliability of Source Parameters for Small Events in Central Italy: Insights from Spectral Decomposition Analysis Applied to Both Synthetic and Real Data. Bulletin of the Seismological Society of America, 2020, 110, 3139-3157.	1.1	28
9	Methodology to identify the reference rock sites in regions of medium-to-high seismicity: an application in Central Italy. Geophysical Journal International, 2020, 222, 2053-2067.	1.0	19
10	Detecting long-lasting transients of earthquake activity on a fault system by monitoring apparent stress, ground motion and clustering. Scientific Reports, 2019, 9, 16268.	1.6	25
11	Micro-turbine applied to seismology: towards a power supply safe from lightning. E3S Web of Conferences, 2019, 113, 03004.	0.2	1
12	A Complete Automatic Procedure to Compile Reliable Seismic Catalogs and Travel-Time and Strong-Motion Parameters Datasets. Seismological Research Letters, 2019, 90, 1308-1317.	0.8	6
13	Impact of Magnitude Selection on Aleatory Variability Associated with Ground-Motion Prediction Equations: Part II—Analysis of the Between-Event Distribution in Central Italy. Bulletin of the Seismological Society of America, 2019, 109, 251-262.	1.1	25
14	On-site earthquake early warning: a partially non-ergodic perspective from the site effects point of view. Geophysical Journal International, 2019, 216, 919-934.	1.0	16
15	Moment and energy magnitudes: diversity of views on earthquake shaking potential and earthquake statistics. Geophysical Journal International, 2019, 216, 1245-1259.	1.0	15
16	The AlpArray Seismic Network: A Large-Scale European Experiment to Image the Alpine Orogen. Surveys in Geophysics, 2018, 39, 1009-1033.	2.1	138
17	Long-range dependence in earthquake-moment release and implications for earthquake occurrence probability. Scientific Reports, 2018, 8, 5326.	1.6	10
18	Impact of Magnitude Selection on Aleatory Variability Associated with Ground-Motion Prediction Equations: Part I—Local, Energy, and Moment Magnitude Calibration and Stress-Drop Variability in Central Italy. Bulletin of the Seismological Society of America, 2018, 108, 1427-1442.	1.1	31

#	ARTICLE	IF	CITATIONS
19	Temporal Variability of Ground Shaking and Stress Drop in Central Italy: A Hint for Fault Healing?. Bulletin of the Seismological Society of America, 2018, 108, 1853-1863.	1.1	20
20	Robust Picking and Accurate Location with RSNI-Picker2: Real-Time Automatic Monitoring of Earthquakes and Nontectonic Events. Seismological Research Letters, 2018, 89, 1478-1487.	0.8	11
21	Faults Geometry and the Role of Fluids in the 2016-2017 Central Italy Seismic Sequence. Geophysical Research Letters, 2018, 45, 6963-6971.	1.5	62
22	Time-Space Evolution of Seismic Strain Release in the Area Shocked by the August 24-October 30 Central Italy Seismic Sequence. Pure and Applied Geophysics, 2017, 174, 1875-1887.	0.8	9
23	Between-event and between-station variability observed in the Fourier and response spectra domains: comparison with seismological models. Geophysical Journal International, 2017, 210, 1092-1104.	1.0	55
24	Soil amplification in probabilistic ground motion hazard analysis. Bulletin of Earthquake Engineering, 2017, 15, 2525-2545.	2.3	23
25	Influence of Twenty Years of Research on Ground-Motion Prediction Equations on Probabilistic Seismic Hazard in Italy. Bulletin of the Seismological Society of America, 2017, 107, 240-255.	1.1	9
26	Empirical scoring of ground motion prediction equations for probabilistic seismic hazard analysis in Italy including site effects. Bulletin of Earthquake Engineering, 2017, 15, 2547-2570.	2.3	13
27	Automatic P- and S-Wave Local Earthquake Tomography: Testing Performance of the Automatic Phase-Picker Engine RSNI-Picker. Bulletin of the Seismological Society of America, 2016, 106, 526-536.	1.1	14
28	Spectral models for ground motion prediction in the L'Aquila region (central Italy): evidence for stress-drop dependence on magnitude and depth. Geophysical Journal International, 2016, 204, 697-718.	1.0	70
29	Earthquake relocations, crustal rheology, and active deformation in the central-eastern Alps (Northern Tj ETQq1 1 0.784314 rgBT / Overlook	0.9	45
30	On the Influence of Horizontal Ground-Shaking Definition on Probabilistic Seismic Hazard Analysis. Bulletin of the Seismological Society of America, 2015, 105, 2704-2712.	1.1	10
31	Seismicity of Northwestern Italy during the last 30 years. Journal of Seismology, 2015, 19, 201-218.	0.6	9
32	Performance of the RSNI-Picker. Seismological Research Letters, 2014, 85, 1243-1254.	0.8	25
33	Effects of surface topography on ground shaking prediction: implications for seismic hazard analysis and recommendations for seismic design. Geophysical Journal International, 2014, 197, 1551-1565.	1.0	24
34	Analysis of seismicity and micro-seismicity associated with the October-November 2010 Sampeyre swarm, Southwestern Alps. Tectonophysics, 2014, 611, 130-140.	0.9	9
35	Structure and properties of the Adriatic crust in the central-eastern Southern Alps (Italy) from local earthquake tomography. Terra Nova, 2013, 25, 504-512.	0.9	28
36	On microseisms recorded near the Ligurian coast (Italy) and their relationship with sea wave height. Geophysical Journal International, 2013, 194, 524-533.	1.0	24

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37	Automated control procedures and first results from the temporary seismic monitoring of the 2012 Emilia sequence. <i>Annals of Geophysics</i> , 2012, 55, .	0.5	6
38	Ground shaking scenarios at the town of Vicoforte, Italy. <i>Soil Dynamics and Earthquake Engineering</i> , 2011, 31, 757-772.	1.9	6
39	Reliability of the automatic procedures for locating earthquakes in southwestern Alps and northern Apennines (Italy). <i>Journal of Seismology</i> , 2010, 14, 393-411.	0.6	5
40	Improved 2-D attenuation analysis for Northern Italy using a merged dataset from selected regional seismic networks. <i>Journal of Seismology</i> , 2010, 14, 727-738.	0.6	6
41	Investigating on the 1920 Garfagnana earthquake (Mw=6.5): Evidences of site effects in Villa Collemandina (Tuscany, Italy). <i>Soil Dynamics and Earthquake Engineering</i> , 2010, 30, 1417-1429.	1.9	10
42	Disaggregation of Probabilistic Ground-Motion Hazard in Italy. <i>Bulletin of the Seismological Society of America</i> , 2009, 99, 2638-2661.	1.1	112
43	Ground motion models for the Molise region (Southern Italy). <i>Soil Dynamics and Earthquake Engineering</i> , 2008, 28, 198-211.	1.9	13
44	Empirical Ground-Motion Prediction Equations for Northern Italy Using Weak- and Strong-Motion Amplitudes, Frequency Content, and Duration Parameters. <i>Bulletin of the Seismological Society of America</i> , 2008, 98, 1319-1342.	1.1	42
45	Sensitivity analysis of seismic hazard for Western Liguria (North Western Italy): A first attempt towards the understanding and quantification of hazard uncertainty. <i>Tectonophysics</i> , 2007, 435, 13-35.	0.9	25
46	The waveform similarity approach to identify dependent events in instrumental seismic catalogues. <i>Geophysical Journal International</i> , 2007, 168, 100-108.	1.0	19
47	INFLUENCE OF GROUND MOTION CHARACTERISTICS ON MONUMENTAL BUILDING DAMAGE: THE 2002 MOLISE EARTHQUAKE (SOUTHERN ITALY). <i>Journal of Earthquake Engineering</i> , 2006, 10, 381-409.	1.4	1
48	Improving automatic location procedure by waveform similarity analysis: An application in the South Western Alps (Italy). <i>Physics of the Earth and Planetary Interiors</i> , 2006, 154, 18-29.	0.7	8
49	Detection of earthquake clusters on the basis of waveform similarity: An application in the monferrato region (Piedmont, Italy). <i>Journal of Seismology</i> , 2006, 10, 1-22.	0.6	27
50	Ground-Motion Scaling in the Western Alps. <i>Journal of Seismology</i> , 2006, 10, 315-333.	0.6	48
51	Mainshocks and aftershocks of the 2002 molise seismic sequence, southern Italy. <i>Journal of Seismology</i> , 2005, 9, 487-494.	0.6	38
52	Local and Duration Magnitudes in Northwestern Italy, and Seismic Moment Versus Magnitude Relationships. <i>Bulletin of the Seismological Society of America</i> , 2005, 95, 592-604.	1.1	40
53	Title is missing!. <i>Journal of Earthquake Engineering</i> , 2005, 9, 23.	1.4	8
54	An ML Scale in Northwestern Italy. <i>Bulletin of the Seismological Society of America</i> , 2002, 92, 2205-2216.	1.1	30

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55	A three-dimensional crustal velocity model of the southwestern Alps from local earthquake tomography. <i>Journal of Geophysical Research</i> , 2001, 106, 19367-19389.	3.3	73
56	Reliability of earthquake location procedures in heterogeneous areas: synthetic tests in the South Western Alps, Italy. <i>Physics of the Earth and Planetary Interiors</i> , 2001, 123, 247-266.	0.7	10
57	Seismicity and crustal structure beneath the western Ligurian Sea derived from local earthquake tomography. <i>Tectonophysics</i> , 2001, 339, 495-510.	0.9	22
58	Source Parameters Estimated from the Aftershocks of the 1997 Umbria-Marche (Italy) Seismic Sequence. <i>Bulletin of the Seismological Society of America</i> , 2001, 91, 448-455.	1.1	34
59	Title is missing!. <i>Journal of Seismology</i> , 2000, 4, 401-414.	0.6	67
60	Title is missing!. <i>Journal of Seismology</i> , 2000, 4, 415-433.	0.6	15
61	Source parameters of small events using constrained deconvolution with empirical Green's functions. <i>Geophysical Journal International</i> , 1999, 137, 651-662.	1.0	52
62	Anomalously deep earthquakes in northwestern Italy. <i>Journal of Seismology</i> , 1999, 3, 421-435.	0.6	28
63	A Waveform Similarity Approach to Investigate Seismicity Patterns. <i>Natural Hazards</i> , 1999, 19, 123-138.	1.6	27
64	Source study and tectonic implications of the 1995 Ventimiglia (border of Italy and France) earthquake (ML=4.7). <i>Tectonophysics</i> , 1998, 290, 245-257.	0.9	25
65	Lithoasthenospheric structures of northern Italy as inferred from teleseismic P-wave tomography. <i>Tectonophysics</i> , 1996, 260, 271-289.	0.9	24