

Milena M Moretti

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,297
citations

471509

17
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377865

34
g-index

42
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42
docs citations

42
times ranked

1605
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | The 2009 L'Aquila (central Italy) $M_w > 6.3$ earthquake: Main shock and aftershocks. <i>Geophysical Research Letters</i> , 2009, 36, . | 4.0 | 291 |
| 2 | The AlpArray Seismic Network: A Large-Scale European Experiment to Image the Alpine Orogen. <i>Surveys in Geophysics</i> , 2018, 39, 1009-1033. | 4.6 | 138 |
| 3 | Tomographic images and 3D earthquake locations of the seismic swarm preceding the 2001 Mt. Etna eruption: Evidence for a dyke intrusion. <i>Geophysical Research Letters</i> , 2002, 29, 135-1-135-4. | 4.0 | 105 |
| 4 | The 2012 Emilia seismic sequence (Northern Italy): Imaging the thrust fault system by accurate aftershock location. <i>Tectonophysics</i> , 2014, 622, 44-55. | 2.2 | 78 |
| 5 | Multi-segment rupture of the 2016 Amatrice-Visso-Norcia seismic sequence (central Italy) constrained by the first high-quality catalog of Early Aftershocks. <i>Scientific Reports</i> , 2019, 9, 6921. | 3.3 | 72 |
| 6 | Background seismicity in the Central Apennines of Italy: The Abruzzo region case study. <i>Tectonophysics</i> , 2007, 444, 80-92. | 2.2 | 67 |
| 7 | An insight into the unrest phenomena at the Campi Flegrei caldera from V_p and V_p/V_s tomography. <i>Terra Nova</i> , 2006, 18, 373-379. | 2.1 | 57 |
| 8 | Seismic and infrasonic evidences for an impulsive source of the shallow volcanic tremor at Mt. Etna, Italy. <i>Geophysical Research Letters</i> , 2001, 28, 1071-1074. | 4.0 | 47 |
| 9 | Crustal Structure of the Ionian Basin and Eastern Sicily Margin: Results From a Wide- \angle Seismic Survey. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 2090-2114. | 3.4 | 41 |
| 10 | Mainshocks and aftershocks of the 2002 molise seismic sequence, southern Italy. <i>Journal of Seismology</i> , 2005, 9, 487-494. | 1.3 | 38 |
| 11 | The Italian National Seismic Network and the earthquake and tsunami monitoring and surveillance systems. <i>Advances in Geosciences</i> , 0, 43, 31-38. | 12.0 | 35 |
| 12 | The Emilia 2012 sequence: a macroseismic survey. <i>Annals of Geophysics</i> , 2012, 55, . | 1.0 | 30 |
| 13 | Ambient-noise tomography of the wider Vienna Basin region. <i>Geophysical Journal International</i> , 2018, 215, 102-117. | 2.4 | 26 |
| 14 | Frontal compression along the Apennines thrust system: The Emilia 2012 example from seismicity to crustal structure. <i>Journal of Geodynamics</i> , 2014, 82, 98-109. | 1.6 | 24 |
| 15 | The May 20 (MW 6.1) and 29 (MW 6.0), 2012, Emilia (Po Plain, northern Italy) earthquakes: New seismotectonic implications from subsurface geology and high-quality hypocenter location. <i>Tectonophysics</i> , 2015, 655, 107-123. | 2.2 | 24 |
| 16 | Seismic Surveillance and Earthquake Monitoring in Italy. <i>Seismological Research Letters</i> , 2021, 92, 1659-1671. | 1.9 | 23 |
| 17 | SISMIKO: emergency network deployment and data sharing for the 2016 central Italy seismic sequence. <i>Annals of Geophysics</i> , 2016, 59, . | 1.0 | 19 |
| 18 | Rapid response to the earthquake emergency of May 2012 in the Po Plain, northern Italy. <i>Annals of Geophysics</i> , 2012, 55, . | 1.0 | 18 |

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|----|---|------|-----------|
| 19 | Earthquake relocation and three-dimensional V_p and V_s models along the low angle Alto Tiberina Fault (Central Italy): evidence for fluid overpressure. <i>Geophysical Journal International</i> , 2009, 176, 833-846. | 2.4 | 17 |
| 20 | Seismic Tomography Experiment at Italy's Stromboli Volcano. <i>Eos</i> , 2008, 89, 269-270. | 0.1 | 11 |
| 21 | The 2012 Emilia (Northern Italy) earthquake sequence: an attempt of historical reading. <i>Journal of Seismology</i> , 2015, 19, 371-387. | 1.3 | 11 |
| 22 | Geomorphological and geophysical investigations for the characterization of the Roman Carsulae site (Tiber basin, Central Italy). <i>Journal of Applied Geophysics</i> , 2017, 143, 74-85. | 2.1 | 11 |
| 23 | Arrival angles of teleseismic fundamental mode Rayleigh waves across the AlpArray. <i>Geophysical Journal International</i> , 2019, 218, 115-144. | 2.4 | 11 |
| 24 | Rapid response seismic networks in Europe: lessons learnt from the L'Aquila earthquake emergency. <i>Annals of Geophysics</i> , 2011, 54, . | 1.0 | 11 |
| 25 | Investigating the Origin of Seismic Swarms. <i>Eos</i> , 2013, 94, 361-362. | 0.1 | 9 |
| 26 | The Italian Node of the European Integrated Data Archive. <i>Seismological Research Letters</i> , 2021, 92, 1726-1737. | 1.9 | 9 |
| 27 | The Italian Seismic Bulletin: strategies, revised pickings and locations of the central Italy seismic sequence. <i>Annals of Geophysics</i> , 2016, 59, . | 1.0 | 9 |
| 28 | Understanding Crust Dynamics and Subduction in Southern Italy. <i>Eos</i> , 2008, 89, 225-226. | 0.1 | 8 |
| 29 | The 2011-2014 Pollino Seismic Swarm: Complex Fault Systems Imaged by 1D Refined Location and Shear Wave Splitting Analysis at the Apennines-Calabrian Arc Boundary. <i>Frontiers in Earth Science</i> , 2021, 9, . | 1.8 | 8 |
| 30 | AlpArray-Italy: Site description and noise characterization. <i>Advances in Geosciences</i> , 0, 43, 39-52. | 12.0 | 8 |
| 31 | Seismological constraints for the dyke emplacement of the July-August 2001 lateral eruption at Mt. Etna volcano, Italy. <i>Annals of Geophysics</i> , 2013, 46, . | 1.0 | 8 |
| 32 | Geometry of the Deep Calabrian Subduction (Central Mediterranean Sea) From Wide-Angle Seismic Data and 3D Gravity Modeling. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, . | 2.5 | 5 |
| 33 | On the wobbles of phase-velocity dispersion curves. <i>Geophysical Journal International</i> , 2020, 224, 1477-1504. | 2.4 | 5 |
| 34 | Reply to Comment by A. Argnani on "Geometry of the Deep Calabrian Subduction From Wide-Angle Seismic Data and 3D Gravity Modeling". <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009223. | 2.5 | 4 |
| 35 | Tracking Earthquakes in Documentary Sources of the Sixteenth-Eighteenth Centuries: Examples from Calabria (Southern Italy). <i>Seismological Research Letters</i> , 2017, 88, 159-170. | 1.9 | 2 |
| 36 | UMTS rapid response real-time seismic networks: implementation and strategies at INGV. <i>Advances in Geosciences</i> , 0, 41, 35-42. | 12.0 | 1 |

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|----|--|-----|-----------|
| 37 | The contribution of the Istituto Nazionale di Geofisica e Vulcanologia (INGV) to the Adriatic Lithosphere investigation (ALPHA) active seismic experiment. <i>Annals of Geophysics</i> , 2019, 61, . | 1.0 | 1 |