Matteo Albano

List of Publications by Year
in descending order

40 papers	682 citations	14 h-index 706676	25 g-index 651938
49 all docs	49 docs citations	49 times ranked	1182 citing authors

#	Article	IF	Citations
1	New insights on bedrock morphology and local seismic amplification of the Castelnuovo village (L'Aquila Basin, Central Italy). Engineering Geology, 2022, 297, 106506.	2.9	0
2	Multi-technique geodetic detection of onshore and offshore subsidence along the Upper Adriatic Sea coasts. International Journal of Applied Earth Observation and Geoinformation, 2022, 108, 102756.	1.4	5
3	Three-dimensional numerical simulation of the interseismic and coseismic phases associated with the 6 April 2009, Mw 6.3ÂL'Aquila earthquake (Central Italy). Tectonophysics, 2021, 798, 228685.	0.9	8
4	Numerical analysis of interseismic, coseismic and post-seismic phases for normal and reverse faulting earthquakes in Italy. Geophysical Journal International, 2021, 225, 627-645.	1.0	8
5	Analysis of a large seismically induced mass movement after the December 2018 Etna volcano (southern Italy) seismic swarm. Remote Sensing of Environment, 2021, 263, 112524.	4.6	9
6	Insights into bedrock paleomorphology and linear dynamic soil properties of the Cassino intermontane basin (Central Italy). Engineering Geology, 2020, 264, 105333.	2.9	12
7	Subsidence Monitoring Along Ravenna Coastal Area (Northern Italy) by Insar and GPS Data. , 2020, , .		0
8	A Macroscale Hydrogeological Numerical Model of the Suio Hydrothermal System (Central Italy). Geofluids, 2019, 2019, 1-16.	0.3	3
9	Seismic and Geodetic Evidences of a Hydrothermal Source in the Md 4.0, 2017, Ischia Earthquake (Italy). Journal of Geophysical Research: Solid Earth, 2019, 124, 5014-5029.	1.4	20
10	Multi-Hazard Analysis of Etna 2018 Eruption by Sar Imaging. , 2019, , .		1
11	Aftershock Rate and Pore Fluid Diffusion: Insights From the Amatriceâ€Vissoâ€Norcia (Italy) 2016 Seismic Sequence. Journal of Geophysical Research: Solid Earth, 2019, 124, 995-1015.	1.4	13
12	Application and analysis of geodetic protocols for monitoring subsidence phenomena along on-shore hydrocarbon reservoirs. International Journal of Applied Earth Observation and Geoinformation, 2018, 69, 13-26.	1.4	9
13	Effects of compaction on the seismic performance of embankments built with gravel. Soil Dynamics and Earthquake Engineering, 2018, 106, 231-242.	1.9	15
14	Recognition of Earthquake-Induced Damage in the Abakainon Necropolis (NE Sicily): Results From Geomorphological, Geophysical and Numerical Analyses. Pure and Applied Geophysics, 2018, 175, 133-148.	0.8	17
15	The Intraplate 2016 Mw 6.0 Australia Earthquake Studied by Insar Data. , 2018, , .		1
16	Using Multi-Frequency Insar Data to Constrain Ground Deformation of Ischia Earthquake. , 2018, , .		3
17	Potential of Satellite Remote Sensing to Monitor Vulnerablity of Buildings to Earthquakes Within a Semi-Empirical Macroseismic Approach. , 2018, , .		2
18	The Causative Fault of the 2016 Mwp 6.1 Petermann Ranges Intraplate Earthquake (Central Australia) Retrieved by C- and L-Band InSAR Data. Remote Sensing, 2018, 10, 1311.	1.8	21

#	Article	IF	Citations
19	The Relationship between InSAR Coseismic Deformation and Earthquake-Induced Landslides Associated with the 2017 Mw 3.9 Ischia (Italy) Earthquake. Geosciences (Switzerland), 2018, 8, 303.	1.0	18
20	InSAR Monitoring of Italian Coastline Revealing Natural and Anthropogenic Ground Deformation Phenomena and Future Perspectives. Sustainability, 2018, 10, 3152.	1.6	18
21	Aftershocks, groundwater changes and postseismic ground displacements related to pore pressure gradients: Insights from the 2012 Emiliaâ€Romagna earthquake. Journal of Geophysical Research: Solid Earth, 2017, 122, 5622-5638.	1.4	18
22	Discriminating between natural and anthropogenic earthquakes: insights from the Emilia Romagna (Italy) 2012 seismic sequence. Scientific Reports, 2017, 7, 282.	1.6	14
23	New insights into earthquake precursors from InSAR. Scientific Reports, 2017, 7, 12035.	1.6	46
24	An improved data integration algorithm to constrain the 3D displacement field induced by fast deformation phenomena tested on the Napa Valley earthquake. Computers and Geosciences, 2017, 109, 206-215.	2.0	8
25	Geodetic model of the 2016 Central Italy earthquake sequence inferred from InSAR and GPS data. Geophysical Research Letters, 2017, 44, 6778-6787.	1.5	162
26	Determination of the critical state of granular materials with triaxial tests. Soils and Foundations, 2017, 57, 733-744.	1.3	38
27	A hydrogeological conceptual model of the Suio hydrothermal area (central Italy). Hydrogeology Journal, 2017, 25, 1811-1832.	0.9	10
28	Did Anthropogenic Activities Trigger the 3 April 2017 Mw 6.5 Botswana Earthquake?. Remote Sensing, 2017, 9, 1028.	1.8	23
29	Estimation of annual energy production using dynamic wake meandering in combination with ambient CFD solutions. Journal of Physics: Conference Series, 2016, 753, 032043.	0.3	2
30	An innovative procedure for monitoring the change in soil seismic response by InSAR data: application to the Mexico City subsidence. International Journal of Applied Earth Observation and Geoinformation, 2016, 53, 146-158.	1.4	14
31	Uncovering deformation processes from surface displacements. Journal of Geodynamics, 2016, 102, 58-82.	0.7	13
32	Minor shallow gravitational component on the Mt. Vettore surface ruptures related to MW 6, 2016 Amatrice earthquake. Annals of Geophysics, 2016, 59, .	0.5	9
33	Gravity-driven postseismic deformation following the Mw 6.3 2009 Lâ€™Aquila (Italy) earthquake. Scientific Reports, 2015, 5, 16558.	1.6	12
34	Land subsidence, Ground Fissures and Buried Faults: InSAR Monitoring of Ciudad GuzmÃ¡n (Jalisco,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.8	44
35	Assessment of the seismic performance of a bituminous faced rockfill dam. Soil Dynamics and Earthquake Engineering, 2015, 75, 183-198.	1.9	28
36	Coseismic liquefaction phenomenon analysis by COSMO-SkyMed: 2012 Emilia (Italy) earthquake. International Journal of Applied Earth Observation and Geoinformation, 2015, 39, 65-78.	1.4	24

#	Article	IF	Citations
37	Subsidence Detected by Multi-Pass Differential SAR Interferometry in the Cassino Plain (Central Italy): Joint Effect of Geological and Anthropogenic Factors?. Remote Sensing, 2014, 6, 9676-9690.	1.8	16
38	New geological data on the Cassino intermontane basin, central Apennines, Italy. Rendiconti Lincei, 2014, 25, 189-196.	1.0	15
39	Cosesimic liquefaction phenomena from DInSAR after the May 20, 2012 Emilia earthquake. Rendiconti Online Societa Geologica Italiana, 0, 35, 5-9.	0.3	1
40	Hydrogeological study and numerical model of the Suio-Castelforte hydrothermal area (central) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.3	1