

Cristiano Tolomei

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Different Ground Subsidence Contributions Revealed by Integrated Discussion of Sentinel-1 Datasets, Well Discharge, Stratigraphical and Geomorphological Data: The Case of the Gioia Tauro Coastal Plain (Southern Italy). Sustainability, 2022, 14, 2926.	3.2	5
2	Multi-temporal InSAR analysis to monitor landslides using the small baseline subset (SBAS) approach in the Mila Basin, Algeria. Terra Nova, 2022, 34, 407-423.	2.1	6
3	Complex co- and postseismic faulting of the 2017–2018 seismic sequence in western Iran revealed by InSAR and seismic data. Remote Sensing of Environment, 2021, 253, 112224.	11.0	20
4	Relative Sea-Level Rise Scenario for 2100 along the Coast of South Eastern Sicily (Italy) by InSAR Data, Satellite Images and High-Resolution Topography. Remote Sensing, 2021, 13, 1108.	4.0	26
5	Earthquake Source Investigation of the Kanallaki, March 2020 Sequence (North-Western Greece) Based on Seismic and Geodetic Data. Remote Sensing, 2021, 13, 1752.	4.0	2
6	The Use of Interferometric Synthetic Aperture Radar for Isolating the Contribution of Major Shocks: The Case of the March 2021 Thessaly, Greece, Seismic Sequence. Geosciences (Switzerland), 2021, 11, 191.	2.2	20
7	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.	11.0	9
8	Ground Displacement Evaluation of the Ischia Island (Phlegraean Volcanic District, Italy) Applying Advanced Satellite SAR Interferometry Techniques. , 2021, , .		0
9	Geohazards Monitoring and Assessment Using Multi-Source Earth Observation Techniques. Remote Sensing, 2021, 13, 4269.	4.0	9
10	Multitemporal and Multisensor InSAR Analysis for Ground Displacement Field Assessment at Ischia Volcanic Island (Italy). Remote Sensing, 2021, 13, 4253.	4.0	10
11	Hydrostratigraphic Framework and Physicochemical Status of Groundwater in the Gioia Tauro Coastal Plain (Calabria–Southern Italy). Water (Switzerland), 2021, 13, 3279.	2.7	7
12	Studying postseismic deformation of the 2010–2011 Rigan earthquake sequence in SE Iran using geodetic data. Tectonophysics, 2020, 795, 228630.	2.2	4
13	Precise Topographic Model Assisted Slope Displacement Retrieval from Small Baseline Subsets Results: Case Study over a High and Steep Mining Slope. Sensors, 2020, 20, 6674.	3.8	3
14	InSAR Campaign Reveals Ongoing Displacement Trends at High Impact Sites of Thessaloniki and Chalkidiki, Greece. Remote Sensing, 2020, 12, 2396.	4.0	16
15	Multidisciplinary Study of Subsidence and Sinkhole Occurrences in the Acque Albule Basin (Roma,) Tj ETQq1 1 0.784314 rgBT ₂ /Overlook	2.6	2
16	Minimum Redundancy Array–A Baseline Optimization Strategy for Urban SAR Tomography. Remote Sensing, 2020, 12, 3100.	4.0	8
17	New insights into active tectonics and seismogenic potential of the Italian Southern Alps from vertical geodetic velocities. Solid Earth, 2020, 11, 1681-1698.	2.8	32
18	On the Segmentation of the Cephalonia–Lefkada Transform Fault Zone (Greece) from an InSAR Multi-Mode Dataset of the Lefkada 2015 Sequence. Remote Sensing, 2019, 11, 1848.	4.0	6

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19	InSAR full-resolution analysis of the 2017–2018 Mw 6 earthquakes in Mexico. <i>Remote Sensing of Environment</i> , 2019, 234, 111461.	11.0	31
20	SAR and Optical Data Comparison for Detecting Co-Seismic Slip and Induced Phenomena during the 2018 Mw 7.5 Sulawesi Earthquake. <i>Sensors</i> , 2019, 19, 3976.	3.8	9
21	Landslide susceptibility mapping by remote sensing and geomorphological data: case studies on the Sorrentina Peninsula (Southern Italy). <i>GIScience and Remote Sensing</i> , 2019, 56, 940-965.	5.9	17
22	Seismic and Geodetic Evidences of a Hydrothermal Source in the Mw 4.0, 2017, Ischia Earthquake (Italy). <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 5014-5029.	3.4	20
23	Isolation of swarm sources using InSAR: the case of the February 2017 seismic swarm in western Anatolia (Turkey). <i>Geophysical Journal International</i> , 2019, 217, 1479-1495.	2.4	5
24	Seismic signature of active intrusions in mountain chains. <i>Science Advances</i> , 2018, 4, e1701825.	10.3	34
25	Multi-sensor monitoring of Ciudad Guzman (Mexico) ground subsidence. <i>Procedia Computer Science</i> , 2018, 138, 362-365.	2.0	2
26	Using Multi-Frequency InSAR Data to Constrain Ground Deformation of Ischia Earthquake. , 2018, , .		3
27	The Relationship between InSAR Coseismic Deformation and Earthquake-Induced Landslides Associated with the 2017 Mw 3.9 Ischia (Italy) Earthquake. <i>Geosciences (Switzerland)</i> , 2018, 8, 303.	2.2	18
28	InSAR Monitoring of Italian Coastline Revealing Natural and Anthropogenic Ground Deformation Phenomena and Future Perspectives. <i>Sustainability</i> , 2018, 10, 3152.	3.2	18
29	Landslides and Subsidence Assessment in the Crati Valley (Southern Italy) Using InSAR Data. <i>Geosciences (Switzerland)</i> , 2018, 8, 67.	2.2	14
30	Using multi-band InSAR data for detecting local deformation phenomena induced by the 2016–2017 Central Italy seismic sequence. <i>Remote Sensing of Environment</i> , 2017, 201, 234-242.	11.0	27
31	Near-source high-rate GPS, strong motion and InSAR observations to image the 2015 Lefkada (Greece) Earthquake rupture history. <i>Scientific Reports</i> , 2017, 7, 10358.	3.3	18
32	Geodetic model of the 2016 Central Italy earthquake sequence inferred from InSAR and GPS data. <i>Geophysical Research Letters</i> , 2017, 44, 6778-6787.	4.0	162
33	Deformation and Related Slip Due to the 2011 Van Earthquake (Turkey) Sequence Imaged by SAR Data and Numerical Modeling. <i>Remote Sensing</i> , 2016, 8, 532.	4.0	7
34	Optimal time alignment of tide-gauge tsunami waveforms in nonlinear inversions: Application to the 2015 Illapel (Chile) earthquake. <i>Geophysical Research Letters</i> , 2016, 43, 11,226.	4.0	28
35	InSAR Time Series Analysis of Natural and Anthropogenic Coastal Plain Subsidence: The Case of Sibari (Southern Italy). <i>Remote Sensing</i> , 2015, 7, 16004-16023.	4.0	37
36	The February 2014 Cephalonia Earthquake (Greece): 3D Deformation Field and Source Modeling from Multiple SAR Techniques. <i>Seismological Research Letters</i> , 2015, 86, 124-137.	1.9	41

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37	Temporal evolution of patterns and processes related to subsidence of the coastal area surrounding the Bevano River mouth (Northern Adriatic) – Italy. <i>Ocean and Coastal Management</i> , 2015, 108, 74-88.	4.4	40
38	Subsidence Detected by Multi-Pass Differential SAR Interferometry in the Cassino Plain (Central Italy): Joint Effect of Geological and Anthropogenic Factors?. <i>Remote Sensing</i> , 2014, 6, 9676-9690.	4.0	16
39	Analysis of the deep-seated gravitational slope deformations over Mt. Frascare (Central Italy) with geomorphological assessment and DInSAR approaches. <i>Geomorphology</i> , 2013, 201, 281-292.	2.6	20
40	Results from INSAR monitoring of the 2010–2011 New Zealand seismic sequence: EA detection and earthquake triggering. , 2012, , .		1
41	The 2010–2011 Canterbury, New Zealand, seismic sequence: Multiple source analysis from InSAR data and modeling. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	50
42	Land subsidence along the Ionian coast of SE Sicily (Italy), detection and analysis via Small Baseline Subset (SBAS) multitemporal differential SAR interferometry. <i>Earth Surface Processes and Landforms</i> , 2012, 37, 273-286.	2.5	23
43	New kinematic constraints of the western Doruneh fault, northeastern Iran, from interseismic deformation analysis. <i>Geophysical Journal International</i> , 2012, 190, 622-628.	2.4	11
44	Investigating the seismic cycle in Italy by multitemporal analysis of ALOS and ERS/ENVISAT DInSAR data sets. , 2011, , .		0
45	The May 12, 2008, (Mw 7.9) Sichuan Earthquake (China): Multiframed ALOS-PALSAR DInSAR Analysis of Coseismic Deformation. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2010, 7, 266-270.	3.1	32
46	Surface deformation in the Abruzzi region, Central Italy, from multitemporal DInSAR analysis. <i>Geophysical Journal International</i> , 2009, 178, 1193-1197.	2.4	20
47	Insights on the kinematics of deep-seated gravitational slope deformations along the 1915 Avezzano earthquake fault (Central Italy), from time-series DInSAR. <i>Geomorphology</i> , 2009, 112, 261-276.	2.6	20
48	Finite fault inversion of DInSAR coseismic displacement of the 2009 L'Aquila earthquake (central Italy). <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	258
49	The SIGRIS Project: A Remote Sensing System for Seismic Risk Management. , 2008, , .		5
50	Surface movements in Bologna (Po Plain – Italy) detected by multitemporal DInSAR. <i>Remote Sensing of Environment</i> , 2007, 110, 304-316.	11.0	100
51	InSAR surface displacement field and fault modelling for the 2003 Bam earthquake (southeastern) Tj ETQq1 1 0.784314 rgBT /Overlook 1.6 61		
52	Inflation rate of the Colli Albani volcanic complex retrieved by the permanent scatterers SAR interferometry technique. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	4.0	56
53	Preliminary study of the surface ground displacements in the Crati Valley (Calabria) by means of InSAR data. <i>Rendiconti Online Societa Geologica Italiana</i> , 0, 33, 20-23.	0.3	3
54	Study of the ground subsidences in the Sibari Plain (Southern Italy) detected by InSAR data analysis. <i>Rendiconti Online Societa Geologica Italiana</i> , 0, 33, 24-27.	0.3	1