

# Alessandro Cesare Mondini

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4739341/publications.pdf>

Version: 2024-02-01

40  
papers

3,184  
citations

361045

20  
h-index

414034

32  
g-index

46  
all docs

46  
docs citations

46  
times ranked

2516  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling seasonal variation of gully erosion at the catchment scale. <i>Earth Surface Processes and Landforms</i> , 2022, 47, 436-458.	1.2	8
2	Exploring event landslide mapping using Sentinel-1 SAR backscatter products. <i>Geomorphology</i> , 2022, 397, 108021.	1.1	15
3	Landslides caught on seismic networks and satellite radars. <i>Natural Hazards and Earth System Sciences</i> , 2022, 22, 1655-1664.	1.5	2
4	Landslide failures detection and mapping using Synthetic Aperture Radar: Past, present and future. <i>Earth-Science Reviews</i> , 2021, 216, 103574.	4.0	110
5	Sar Amplitude Exploitation for Systematic Landslide Failure Detection. , 2021, , .		1
6	Mainshock Anticipated by Intra-Sequence Ground Deformations: Insights from Multiscale Field and SAR Interferometric Measurements. <i>Geosciences (Switzerland)</i> , 2020, 10, 186.	1.0	15
7	A spaceborne SAR-based procedure to support the detection of landslides. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 2379-2395.	1.5	18
8	Landslide mapping from multi-sensor data through improved change detection-based Markov random field. <i>Remote Sensing of Environment</i> , 2019, 231, 111235.	4.6	111
9	Sentinel-1 SAR Amplitude Imagery for Rapid Landslide Detection. <i>Remote Sensing</i> , 2019, 11, 760.	1.8	72
10	Visual interpretation of stereoscopic NDVI satellite images to map rainfall-induced landslides. <i>Landslides</i> , 2019, 16, 165-174.	2.7	44
11	Topography-driven satellite imagery analysis for landslide mapping. <i>Geomatics, Natural Hazards and Risk</i> , 2018, 9, 544-567.	2.0	26
12	TXT-tool 1.039-1.1: Very-High Resolution Stereo Satellite Images for Landslide Mapping. , 2018, , 83-94.		0
13	TXT-tool 2.039-1.1 Italian National Early Warning System. , 2018, , 341-349.		3
14	Automatic mapping of event landslides at basin scale in Taiwan using a Montecarlo approach and synthetic land cover fingerprints. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2017, 63, 112-121.	1.4	14
15	Measures of Spatial Autocorrelation Changes in Multitemporal SAR Images for Event Landslides Detection. <i>Remote Sensing</i> , 2017, 9, 554.	1.8	53
16	Comparison of Satellite Rainfall Estimates and Rain Gauge Measurements in Italy, and Impact on Landslide Modeling. <i>Climate</i> , 2017, 5, 90.	1.2	29
17	A downscaling approach for geological characterization of the Raditladi basin of Mercury. <i>Geological Society Special Publication</i> , 2015, 401, 57-75.	0.8	4
18	Impact and admittance modeling of the Isidis Planitia, Mars. <i>Planetary and Space Science</i> , 2015, 117, 73-81.	0.9	6

#	ARTICLE	IF	CITATIONS
19	Comparison of event landslide inventories: the Pogliaschina catchment test case, Italy. <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 1749-1759.	1.5	32
20	The Influence of Land Use Change on Landslide Susceptibility Zonation: The Briga Catchment Test Site (Messina, Italy). <i>Environmental Management</i> , 2014, 54, 1372-1384.	1.2	201
21	Combining spectral and geoenvironmental information for probabilistic event landslide mapping. <i>Geomorphology</i> , 2014, 213, 183-189.	1.1	22
22	Modeling the spatial occurrence of shallow landslides triggered by typhoons. <i>Geomorphology</i> , 2014, 208, 137-148.	1.1	27
23	Bayesian framework for mapping and classifying shallow landslides exploiting remote sensing and topographic data. <i>Geomorphology</i> , 2013, 201, 135-147.	1.1	53
24	The European DORIS downstream service as a multi-scale system for landslides and subsidence risk management. , 2013, , .		0
25	Exploitation of Large Archives of ERS and ENVISAT C-Band SAR Data to Characterize Ground Deformations. <i>Remote Sensing</i> , 2013, 5, 3896-3917.	1.8	49
26	Very-High Resolution Stereoscopic Satellite Images for Landslide Mapping. , 2013, , 95-101.		20
27	Combining Multiple Change Detection Indices for Mapping Landslides Triggered by Typhoons. , 2013, , 89-93.		0
28	Landslide inventory map for the Briga and the Giampilieri catchments, NE Sicily, Italy. <i>Journal of Maps</i> , 2012, 8, 176-180.	1.0	66
29	TRMM satellite rainfall estimates for landslide early warning in Italy: preliminary results. <i>Proceedings of SPIE</i> , 2012, , .	0.8	10
30	Semi-automatic recognition and mapping of event-induced landslides by exploiting multispectral satellite images and DEM in a Bayesian framework. <i>Proceedings of SPIE</i> , 2012, , .	0.8	2
31	Simulation of event-based landslides and debris flows at watershed level. <i>Geomorphology</i> , 2012, 138, 306-318.	1.1	36
32	Landslide inventory maps: New tools for an old problem. <i>Earth-Science Reviews</i> , 2012, 112, 42-66.	4.0	1,317
33	Seasonal landslide mapping and estimation of landslide mobilization rates using aerial and satellite images. <i>Geomorphology</i> , 2011, 129, 59-70.	1.1	158
34	Combining multiple change detection indices for mapping landslides triggered by typhoons. <i>Geomorphology</i> , 2011, 134, 440-451.	1.1	69
35	Preliminary analysis of a correlation between ground deformations and rainfall: the Ivancich landslide, central Italy. , 2011, , .		5
36	Semi-automatic recognition and mapping of rainfall induced shallow landslides using optical satellite images. <i>Remote Sensing of Environment</i> , 2011, 115, 1743-1757.	4.6	228

#	ARTICLE	IF	CITATIONS
37	Remote landslide mapping using a laser rangefinder binocular and GPS. <i>Natural Hazards and Earth System Sciences</i> , 2010, 10, 2539-2546.	1.5	54
38	Optimal landslide susceptibility zonation based on multiple forecasts. <i>Geomorphology</i> , 2010, 114, 129-142.	1.1	287
39	Use of historical orthophotos and digital elevation model to link watershed land use changes and storm flow response in a Karst environment. <i>Journal of Applied Remote Sensing</i> , 2009, 3, 033574.	0.6	0
40	Nonlinear dynamics of a passive, coherently driven mesoscopic micromaser. <i>Physical Review A</i> , 1996, 54, 898-907.	1.0	10