

Niccolò² Dematteis

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

297
citations

840776

11
h-index

940533

16
g-index

28
all docs

28
docs citations

28
times ranked

302
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast local adaptive multiscale image matching algorithm for remote sensing image correlation. Computers and Geosciences, 2022, 159, 104988.	4.2	3
2	A calibration free radiation driven model for estimating actual evapotranspiration of mountain grasslands (CLIME-MG). Journal of Hydrology, 2022, 610, 127948.	5.4	7
3	Comparison of Digital Image Correlation Methods and the Impact of Noise in Geoscience Applications. Remote Sensing, 2021, 13, 327.	4.0	20
4	A multidisciplinary investigation of deep-seated landslide reactivation triggered by an extreme rainfall event: a case study of the Monesi di Mendatica landslide, Ligurian Alps. Landslides, 2021, 18, 2341-2365.	5.4	19
5	Ten-Year Monitoring of the Grandes Jorasses Glaciers Kinematics. Limits, Potentialities, and Possible Applications of Different Monitoring Systems. Remote Sensing, 2021, 13, 3005.	4.0	7
6	Identification of Bedrock Topography-Related Ice Fractures in the Planpincieux Glacier Using Helicopter-Borne GPR and DTM Analysis. , 2021, , .		0
7	Automatized Dissemination of Landslide Monitoring Bulletins for Early Warning Applications. ICL Contribution To Landslide Disaster Risk Reduction, 2021, , 231-235.	0.3	0
8	Low-Cost GNSS Solution for Continuous Monitoring of Slope Instabilities Applied to Madonna Del Sasso Sanctuary (NW Italy). Sensors, 2020, 20, 289.	3.8	32
9	Classification and kinematics of the Planpincieux Glacier break-offs using photographic time-lapse analysis. Journal of Glaciology, 2020, 66, 188-202.	2.2	20
10	Image Classification for Automated Image Cross-Correlation Applications in the Geosciences. Applied Sciences (Switzerland), 2019, 9, 2357.	2.5	12
11	Ku Band Terrestrial Radar Observations by Means of Circular Polarized Antennas. Remote Sensing, 2019, 11, 270.	4.0	2
12	The Importance of a Dedicated Monitoring Solution and Communication Strategy for an Effective Management of Complex Active Landslides in Urbanized Areas. Sustainability, 2019, 11, 946.	3.2	13
13	Ground-based remote-sensing techniques for diagnosis of the current state and recent evolution of the Monte Perdido Glacier, Spanish Pyrenees. Journal of Glaciology, 2019, 65, 85-100.	2.2	32
14	Terrestrial Radar Interferometry to Monitor Glaciers with Complex Atmospheric Screen. , 2018, , .		1
15	4D surface kinematics monitoring through terrestrial radar interferometry and image cross-correlation coupling. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 142, 38-50.	11.1	16
16	Monitoring Alpine glacier surface deformations with GB-SAR. Remote Sensing Letters, 2017, 8, 947-956.	1.4	24
17	Development of an algorithm for automatic elaboration, representation and dissemination of landslide monitoring data. Geomatics, Natural Hazards and Risk, 2017, 8, 1898-1913.	4.3	9
18	A Low-Cost Optical Remote Sensing Application for Glacier Deformation Monitoring in an Alpine Environment. Sensors, 2016, 16, 1750.	3.8	21

#	ARTICLE	IF	CITATIONS
19	Landslide failure forecast in near-real-time. <i>Geomatics, Natural Hazards and Risk</i> , 2016, 7, 639-648.	4.3	52
20	Application of Climate Downscaled Data for the Design of Micro-Hydroelectric Power Plants. , 2015, , 205-208.		0
21	Landslide 3D Surface Deformation Model Obtained Via RTS Measurements. , 2013, , 431-436.		6