NiccolÃ² Dematteis

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6813320/publications.pdf

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21	297	840776 11	940533 16
papers	citations	h-index	g-index

28	28	28	302
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Landslide failure forecast in near-real-time. Geomatics, Natural Hazards and Risk, 2016, 7, 639-648.	4.3	52
2	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
3	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
4	Monitoring Alpine glacier surface deformations with GB-SAR. Remote Sensing Letters, 2017, 8, 947-956.	1.4	24
5	A Low-Cost Optical Remote Sensing Application for Glacier Deformation Monitoring in an Alpine Environment. Sensors, 2016, 16, 1750.	3.8	21
6	Classification and kinematics of the Planpincieux Glacier break-offs using photographic time-lapse analysis. Journal of Glaciology, 2020, 66, 188-202.	2.2	20
7	Comparison of Digital Image Correlation Methods and the Impact of Noise in Geoscience Applications. Remote Sensing, 2021, 13, 327.	4.0	20
8	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
9	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
10	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
11	Image Classification for Automated Image Cross-Correlation Applications in the Geosciences. Applied Sciences (Switzerland), 2019, 9, 2357.	2.5	12
12	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
13	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
14	A calibration free radiation driven model for estimating actual evapotranspiration of mountain grasslands (CLIME-MG). Journal of Hydrology, 2022, 610, 127948.	5.4	7
15	Landslide 3D Surface Deformation Model Obtained Via RTS Measurements. , 2013, , 431-436.		6
16	Fast local adaptive multiscale image matching algorithm for remote sensing image correlation. Computers and Geosciences, 2022, 159, 104988.	4.2	3
17	Ku Band Terrestrial Radar Observations by Means of Circular Polarized Antennas. Remote Sensing, 2019, 11, 270.	4.0	2
18	Terrestrial Radar Interferometry to Monitor Glaciers with Complex Atmospheric Screen. , 2018, , .		1

#	Article	IF	Citations
19	Identification of Bedrock Topography-Related Ice Fractures in the Planpincieux Glacier Using Helicopter-Borne GPR and DTM Analysis. , 2021, , .		0
20	Application of Climate Downscaled Data for the Design of Micro-Hydroelectric Power Plants. , 2015, , 205-208.		0
21	Automatized Dissemination of Landslide Monitoring Bulletins for Early Warning Applications. ICL Contribution To Landslide Disaster Risk Reduction, 2021, , 231-235.	0.3	0