

Mattia Callegari

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

238
citations

1162367

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1058022

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439
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential of ALOS2 and NDVI to Estimate Forest Above-Ground Biomass, and Comparison with Lidar-Derived Estimates. <i>Remote Sensing</i> , 2017, 9, 18.	1.8	50
2	Relationship between Spatiotemporal Variations of Climate, Snow Cover and Plant Phenology over the Alps—An Earth Observation-Based Analysis. <i>Remote Sensing</i> , 2018, 10, 1757.	1.8	39
3	Use of Sentinel-1 radar observations to evaluate snowmelt dynamics in alpine regions. <i>Cryosphere</i> , 2020, 14, 935-956.	1.5	36
4	Seasonal River Discharge Forecasting Using Support Vector Regression: A Case Study in the Italian Alps. <i>Water (Switzerland)</i> , 2015, 7, 2494-2515.	1.2	23
5	A Pol-SAR Analysis for Alpine Glacier Classification and Snowline Altitude Retrieval. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 3106-3121.	2.3	12
6	A Novel Data Fusion Technique for Snow Cover Retrieval. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019, 12, 2862-2877.	2.3	12
7	An Unsupervised Method to Detect Rock Glacier Activity by Using Sentinel-1 SAR Interferometric Coherence: A Regional-Scale Study in the Eastern European Alps. <i>Remote Sensing</i> , 2019, 11, 1711.	1.8	10
8	On the Direct Calculation of Snow Water Balances Using Snow Cover Information. <i>Water (Switzerland)</i> , 2017, 9, 848.	1.2	9
9	Operational River Discharge Forecasting with Support Vector Regression Technique Applied to Alpine Catchments: Results, Advantages, Limits and Lesson Learned. <i>Water Resources Management</i> , 2018, 32, 229-242.	1.9	9
10	Improving SWE Estimation by Fusion of Snow Models with Topographic and Remotely Sensed Data. <i>Remote Sensing</i> , 2019, 11, 2033.	1.8	8
11	Synergy of Cassini SAR and altimeter acquisitions for the retrieval of dune field characteristics on Titan. <i>Proceedings of SPIE</i> , 2012, , .	0.8	5
12	Multi-temporal and multi-source alpine glacier cover classification. , 2017, , .		5
13	Combined Use of Sentinel-1 and Sentinel-2 for Glacier Mapping: An Application Over Central East Alps. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2022, 15, 4824-4834.	2.3	5
14	Dune Height Estimation on Titan Exploiting Pairs of Synthetic Aperture Radar Images With Different Observation Angles. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015, 8, 1295-1306.	2.3	4
15	Integrating Models and Remote Sensing Data for Distributed Glacier Mass Balance Estimation. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020, 13, 6177-6194.	2.3	3
16	Validating improved-MODIS products from spectral mixture-Landsat snow cover maps in a mountain region in southern Spain. <i>Proceedings of the International Association of Hydrological Sciences</i> , 0, 380, 67-72.	1.0	3
17	Integration of Remote Sensing with A Hydroclimatological Model for an Improved Monitoring of Alpine Glaciers. , 2018, , .		2
18	Integration of X-band SAR and optical thermal data for retrieving snowpack parameters in mountain areas. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
19	Combining RADARSAT-2 and COSMO-SkyMed data for alpine permafrost deformation monitoring. , 2015, , .		0
20	A Novel Data Fusion Technique for Snow Parameter Retrieval. , 2018, , .		0
21	A Model Driven Approach for Snow Wetness Retrieval with Sentinel-1. , 2018, , .		0