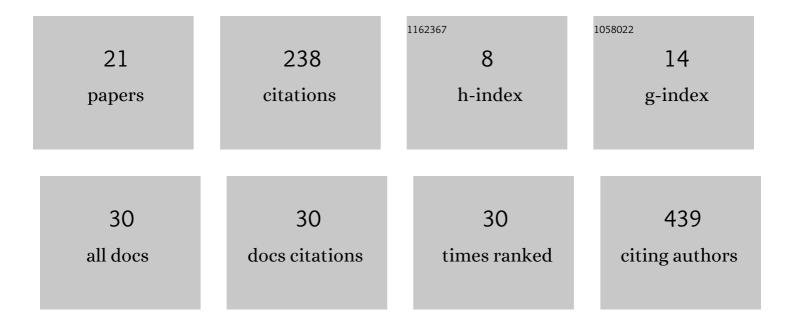
## Mattia Callegari

List of Publications by Year in descending order

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| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Combined Use of Sentinel-1 and Sentinel-2 for Glacier Mapping: An Application Over Central East Alps.<br>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 4824-4834.                    | 2.3 | 5         |
| 2  | Integrating Models and Remote Sensing Data for Distributed Glacier Mass Balance Estimation. IEEE<br>Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 6177-6194.                              | 2.3 | 3         |
| 3  | Use of Sentinel-1 radar observations to evaluate snowmelt dynamics in alpine regions. Cryosphere, 2020, 14, 935-956.   | 1.5 | 36        |
| 4  | An Unsupervised Method to Detect Rock Glacier Activity by Using Sentinel-1 SAR Interferometric<br>Coherence: A Regional-Scale Study in the Eastern European Alps. Remote Sensing, 2019, 11, 1711.                                  | 1.8 | 10        |
| 5  | A Novel Data Fusion Technique for Snow Cover Retrieval. IEEE Journal of Selected Topics in Applied<br>Earth Observations and Remote Sensing, 2019, 12, 2862-2877.  | 2.3 | 12        |
| 6  | Improving SWE Estimation by Fusion of Snow Models with Topographic and Remotely Sensed Data.<br>Remote Sensing, 2019, 11, 2033.  | 1.8 | 8         |
| 7  | Operational River Discharge Forecasting with Support Vector Regression Technique Applied to Alpine<br>Catchments: Results, Advantages, Limits and Lesson Learned. Water Resources Management, 2018, 32,<br>229-242.                | 1.9 | 9         |
| 8  | A Novel Data Fusion Technique for Snow Parameter Retrieval. , 2018, , .  |     | 0         |
| 9  | Integration of Remote Sensing with A Hydroclimatological Model for an Improved Monitoring of Alpine Glaciers. , 2018, , .  |     | 2         |
| 10 | Relationship between Spatiotemporal Variations of Climate, Snow Cover and Plant Phenology over the<br>Alps—An Earth Observation-Based Analysis. Remote Sensing, 2018, 10, 1757.  | 1.8 | 39        |
| 11 | A Model Driven Approach for Snow Wetness Retrieval with Sentinel-I. , 2018, , .  |     | 0         |
| 12 | Multi-temporal and multi-source alpine glacier cover classification. , 2017, , .   |     | 5         |
| 13 | On the Direct Calculation of Snow Water Balances Using Snow Cover Information. Water (Switzerland), 2017, 9, 848.  | 1.2 | 9         |
| 14 | Potential of ALOS2 and NDVI to Estimate Forest Above-Ground Biomass, and Comparison with<br>Lidar-Derived Estimates. Remote Sensing, 2017, 9, 18.  | 1.8 | 50        |
| 15 | A Pol-SAR Analysis for Alpine Glacier Classification and Snowline Altitude Retrieval. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 3106-3121.  | 2.3 | 12        |
| 16 | Seasonal River Discharge Forecasting Using Support Vector Regression: A Case Study in the Italian<br>Alps. Water (Switzerland), 2015, 7, 2494-2515.  | 1.2 | 23        |
| 17 | Combining RADARSAT-2 and COSMO-SkyMed data for alpine permafrost deformation monitoring. , 2015,   |     | 0         |
| 18 | Dune Height Estimation on Titan Exploiting Pairs of Synthetic Aperture Radar Images With Different<br>Observation Angles. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing,<br>2015, 8, 1295-1306. | 2.3 | 4         |

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Synergy of Cassini SAR and altimeter acquisitions for the retrieval of dune field characteristics on Titan. Proceedings of SPIE, 2012, , .   | 0.8 | 5         |
| 20 | Integration of X-band SAR and optical thermal data for retrieving snowpack parameters in mountain areas. , 2012, , .   |     | 0         |
| 21 | Validating improved-MODIS products from spectral mixture-Landsat snow cover maps in a mountain region in southern Spain. Proceedings of the International Association of Hydrological Sciences, 0, 380, 67-72. | 1.0 | 3         |