

Giulia Mazzotti

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

255
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

240
citing authors

#	ARTICLE	IF	CITATIONS
1	Revisiting Snow Cover Variability and Canopy Structure Within Forest Stands: Insights From Airborne Lidar Data. <i>Water Resources Research</i> , 2019, 55, 6198-6216.	4.2	56
2	Comparing Aerial Lidar Observations With Terrestrial Lidar and SnowProbe Transects From NASA's 2017 SnowEx Campaign. <i>Water Resources Research</i> , 2019, 55, 6285-6294.	4.2	49
3	Resolving Small-Scale Forest Snow Patterns Using an Energy Balance Snow Model With a One-Layer Canopy. <i>Water Resources Research</i> , 2020, 56, e2019WR026129.	4.2	32
4	Shading by Trees and Fractional Snow Cover Control the Subcanopy Radiation Budget. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 3195-3207.	3.3	25
5	Process-Level Evaluation of a Hyper-Resolution Forest Snow Model Using Distributed Multisensor Observations. <i>Water Resources Research</i> , 2020, 56, e2020WR027572.	4.2	21
6	Enhancing airborne LiDAR data for improved forest structure representation in shortwave transmission models. <i>Remote Sensing of Environment</i> , 2020, 249, 112017.	11.0	17
7	Increasing the Physical Representation of Forest-Snow Processes in Coarse-Resolution Models: Lessons Learned From Upscaling Hyper-Resolution Simulations. <i>Water Resources Research</i> , 2021, 57, e2020WR029064.	4.2	16
8	Spatially Continuous Characterization of Forest Canopy Structure and Subcanopy Irradiance Derived from Handheld Radiometer Surveys. <i>Journal of Hydrometeorology</i> , 2019, 20, 1417-1433.	1.9	12
9	Effect of Forest Canopy Structure on Wintertime Land Surface Albedo: Evaluating CLM5 Simulations With In-Situ Measurements. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034118.	3.3	10
10	Exploring snow distribution dynamics in steep forested slopes with UAV-borne LiDAR. <i>Cold Regions Science and Technology</i> , 2022, 200, 103587.	3.5	9
11	Influence of Spatial Resolution on Snow Cover Dynamics for a Coastal and Mountainous Region at High Latitudes (Norway). <i>Water Resources Research</i> , 2019, 55, 5612-5630.	4.2	8