Clare Webster

List of Publications by Year
in descending order

16 papers	339 citations	933264 10 h-index	940416 16 g-index
16 all docs	16 docs citations	16 times ranked	479 citing authors

#	Article	IF	Citations
1	Exploring snow distribution dynamics in steep forested slopes with UAV-borne LiDAR. Cold Regions Science and Technology, 2022, 200, 103587.	1.6	9
2	Increasing the Physical Representation of Forest‐Snow Processes in Coarse‐Resolution Models: Lessons Learned From Upscaling Hyper‐Resolution Simulations. Water Resources Research, 2021, 57, e2020WR029064.	1.7	16
3	Effect of Forest Canopy Structure on Wintertime Land Surface Albedo: Evaluating CLM5 Simulations With In‐Situ Measurements. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD034118.	1.2	10
4	Factors determining bryophyte species richness and community composition on insular siliceous erratic boulders in calcareous landscapes. Journal of Vegetation Science, 2021, 32, e13094.	1.1	3
5	Arctic rock coast responses under a changing climate. Remote Sensing of Environment, 2020, 236, 111500.	4.6	17
6	Enhancing airborne LiDAR data for improved forest structure representation in shortwave transmission models. Remote Sensing of Environment, 2020, 249, 112017.	4.6	17
7	Process‐Level Evaluation of a Hyper‐Resolution Forest Snow Model Using Distributed Multisensor Observations. Water Resources Research, 2020, 56, e2020WR027572.	1.7	21
8	HPEval: A canopy shortwave radiation transmission model using high-resolution hemispherical images. Agricultural and Forest Meteorology, 2020, 284, 107903.	1.9	13
9	Bias Correction of Airborne Thermal Infrared Observations Over Forests Using Melting Snow. Water Resources Research, 2019, 55, 11331-11343.	1.7	10
10	Three-dimensional thermal characterization of forest canopies using UAV photogrammetry. Remote Sensing of Environment, 2018, 209, 835-847.	4.6	66
11	Simulation of Longwave Enhancement in Boreal and Montane Forests. Journal of Geophysical Research D: Atmospheres, 2018, 123, 13,731.	1.2	10
12	Influence of canopy shading and snow coverage on effective albedo in a snow-dominated evergreen needleleaf forest. Remote Sensing of Environment, 2018, 214, 48-58.	4.6	30
13	Improving representation of canopy temperatures for modeling subcanopy incoming longwave radiation to the snow surface. Journal of Geophysical Research D: Atmospheres, 2017, 122, 9154-9172.	1.2	40
14	Measurement of Incoming Radiation below Forest Canopies: A Comparison of Different Radiometer Configurations. Journal of Hydrometeorology, 2016, 17, 853-864.	0.7	28
15	Modeling subcanopy incoming longwave radiation to seasonal snow using air and tree trunk temperatures. Journal of Geophysical Research D: Atmospheres, 2016, 121, 1220-1235.	1.2	38
16	Inter‐annual variation in the topographic controls on catchment‐scale snow distribution in a maritime alpine catchment, New Zealand. Hydrological Processes, 2015, 29, 1096-1109.	1.1	11