Markus Holopainen

List of Publications by Year
in descending order

16 papers	1,567 citations	687363 13 h-index	940533 16 g-index
20 all docs	20 docs citations	20 times ranked	1484 citing authors

#	Article	IF	Citations
1	Performance of terrestrial laser scanning to characterize managed Scots pine (Pinus sylvestris L.) stands is dependent on forest structural variation. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 168, 277-287.	11.1	16
2	Assessing the effects of thinning on stem growth allocation of individual Scots pine trees. Forest Ecology and Management, 2020, 474, 118344.	3.2	33
3	Multisensorial Close-Range Sensing Generates Benefits for Characterization of Managed Scots Pine (Pinus sylvestris L.) Stands. ISPRS International Journal of Geo-Information, 2020, 9, 309.	2.9	17
4	Investigating the Feasibility of Multi-Scan Terrestrial Laser Scanning to Characterize Tree Communities in Southern Boreal Forests. Remote Sensing, 2019, 11, 1423.	4.0	27
5	Variability of wood properties using airborne and terrestrial laser scanning. Remote Sensing of Environment, 2019, 235, 111474.	11.0	31
6	Assessing the Effects of Sample Size on Parametrizing a Taper Curve Equation and the Resultant Stem-Volume Estimates. Forests, 2019, 10, 848.	2.1	11
7	Examining Changes in Stem Taper and Volume Growth with Two-Date 3D Point Clouds. Forests, 2019, 10, 382.	2.1	24
8	Assessing log geometry and wood quality in standing timber using terrestrial laser-scanning point clouds. Forestry, 2019, 92, 177-187.	2.3	15
9	Assessing branching structure for biomass and wood quality estimation using terrestrial laser scanning point clouds. Canadian Journal of Remote Sensing, 2018, 44, 462-475.	2.4	24
10	Assessing Biodiversity in Boreal Forests with UAV-Based Photogrammetric Point Clouds and Hyperspectral Imaging. Remote Sensing, 2018, 10, 338.	4.0	61
11	Quantitative Assessment of Scots Pine (Pinus Sylvestris L.) Whorl Structure in a Forest Environment Using Terrestrial Laser Scanning. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 3598-3607.	4.9	33
12	International benchmarking of terrestrial laser scanning approaches for forest inventories. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 144, 137-179.	11.1	254
13	Feasibility of Terrestrial laser scanning for collecting stem volume information from single trees. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 123, 140-158.	11.1	105
14	Automated Stem Curve Measurement Using Terrestrial Laser Scanning. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 1739-1748.	6.3	166
15	Individual tree biomass estimation using terrestrial laser scanning. ISPRS Journal of Photogrammetry and Remote Sensing, 2013, 75, 64-75.	11.1	214
16	Fast Automatic Precision Tree Models from Terrestrial Laser Scanner Data. Remote Sensing, 2013, 5, 491-520.	4.0	528