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	Fast Automatic Precision Tree Models from Terrestrial Laser Scanner Data. Remote Sensing, 2013, 5, 491-520.	4.0	528
2	International benchmarking of terrestrial laser scanning approaches for forest inventories. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 144, 137-179.	11.1	254
3	Individual tree biomass estimation using terrestrial laser scanning. ISPRS Journal of Photogrammetry and Remote Sensing, 2013, 75, 64-75.	11.1	214
4	Automated Stem Curve Measurement Using Terrestrial Laser Scanning. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 1739-1748.	6.3	166
5	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
6	Assessing Biodiversity in Boreal Forests with UAV-Based Photogrammetric Point Clouds and Hyperspectral Imaging. Remote Sensing, 2018, 10, 338.	4.0	61
7	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
8	Assessing the effects of thinning on stem growth allocation of individual Scots pine trees. Forest Ecology and Management, 2020, 474, 118344.	3.2	33
9	Variability of wood properties using airborne and terrestrial laser scanning. Remote Sensing of Environment, 2019, 235, 111474.	11.0	31
10	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
11	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
12	Examining Changes in Stem Taper and Volume Growth with Two-Date 3D Point Clouds. Forests, 2019, 10, 382.	2.1	24
13	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
14	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
15	Assessing log geometry and wood quality in standing timber using terrestrial laser-scanning point clouds. Forestry, 2019, 92, 177-187.	2.3	15
16	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