

Timo P PitkÄänen

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

156
citations

1307594

7
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

262
citing authors

#	ARTICLE	IF	CITATIONS
1	Measuring stem diameters with TLS in boreal forests by complementary fitting procedure. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 147, 294-306.	11.1	58
2	Improving Finnish Multi-Source National Forest Inventory by 3D aerial imaging. Silva Fennica, 2017, 51, .	1.3	18
3	Improving TLS-based stem volume estimates by field measurements. Computers and Electronics in Agriculture, 2021, 180, 105882.	7.7	15
4	Detecting structural changes induced by Heterobasidion root rot on Scots pines using terrestrial laser scanning. Forest Ecology and Management, 2021, 492, 119239.	3.2	13
5	Errors related to the automatized satellite-based change detection of boreal forests in Finland. International Journal of Applied Earth Observation and Geoinformation, 2020, 86, 102011.	2.8	12
6	Assessing Restoration Potential of Semi-natural Grasslands by Landscape Change Trajectories. Environmental Management, 2014, 53, 739-756.	2.7	9
7	Landscape history improves detection of marginal habitats on semi-natural grasslands. Science of the Total Environment, 2016, 539, 359-369.	8.0	8
8	A new method to estimate branch biomass from terrestrial laser scanning data by bridging tree structure models. Annals of Botany, 2021, 128, 737-752.	2.9	7
9	Similar understorey structure in spite of edaphic and floristic dissimilarity in Amazonian forests. Acta Amazonica, 2015, 45, 393-404.	0.7	5
10	Reducing classification error of grassland overgrowth by combining low-density lidar acquisitions and optical remote sensing data. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 130, 150-161.	11.1	5
11	Detecting subpixel deciduous components to complement traditional land cover classifications in Southwest Finland. International Journal of Applied Earth Observation and Geoinformation, 2015, 42, 97-105.	2.8	3
12	Re-calibrating stem volume models – is there change in the tree trunk form from the 1970s to the 2010s in Finland?. Silva Fennica, 2020, 54, .	1.3	3
13	MonilÄhteisen valtakunnan metsien inventoinnin kehittÄminen 3D-ilmakeuvaa-aineiston avulla. Metstieteen Aikakauskirja, 2017, 2017, .	0.0	0
14	MetsÄvaratiedon ajantasaistus – satelliittikuviin perustuva muutostulkinta. Metstieteen Aikakauskirja, 2019, 2019, .	0.0	0