Timo P PitkÃ¤nen

List of Publications by Year
in descending order

14 papers	**156** citations	**7** h-index (1307594)
12 g-index (1199594)		
14 all docs	**14** docs citations	**14** times ranked
262 citing authors		

#	Article	IF	Citations
1	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
2	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
3	Improving TLS-based stem volume estimates by field measurements. Computers and Electronics in Agriculture, 2021, 180, 105882.	7.7	15
4	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
5	Re-calibrating stem volume models â€" is there change in the tree trunk form from the 1970s to the 2010s in Finland?. Silva Fennica, 2020, 54, .	1.3	3
6	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
7	Metsävaratiedon ajantasaistus â€" satelliittikuviin perustuva muutostulkinta. Metstieteen Aikakauskirja, 2019, 2019, .	0.0	0
8	Reducing classification error of grassland overgrowth by combing low-density lidar acquisitions and optical remote sensing data. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 130, 150-161.	11.1	5
9	Improving Finnish Multi-Source National Forest Inventory by 3D aerial imaging. Silva Fennica, 2017, 51, .	1.3	18
10	Monilähteisen valtakunnan metsien inventoinnin kehittäminen 3D-ilmakuva-aineiston avulla. Metstieteen Aikakauskirja, 2017, 2017, .	0.0	0
11	Landscape history improves detection of marginal habitats on semi-natural grasslands. Science of the Total Environment, 2016, 539, 359-369.	8.0	8
12	Similar understorey structure in spite of edaphic and floristic dissimilarity in Amazonian forests. Acta Amazonica, 2015, 45, 393-404.	0.7	5
13	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
14	Assessing Restoration Potential of Semi-natural Grasslands by Landscape Change Trajectories. Environmental Management, 2014, 53, 739-756.	2.7	9