Christoph Kleinn

List of Publications by Year
in descending order

22	724	759233	713466
papers	citations	12 h-index	21 g-index

25	25	25	1095
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ecological and socio-economic functions across tropical land use systems after rainforest conversion. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150275.	4.0	222
2	Estimating aboveground carbon in a catchment of the Siberian forest tundra: Combining satellite imagery and field inventory. Remote Sensing of Environment, 2009, 113, 518-531.	11.0	133
3	Large Scale Palm Tree Detection In High Resolution Satellite Images Using U-Net. Remote Sensing, 2019, 11, 312.	4.0	75
4	Comparison of linear and mixed-effect regression models and a k-nearest neighbour approach for estimation of single-tree biomass. Canadian Journal of Forest Research, 2008, 38, 1-9.	1.7	57
5	Operationalizing the Definition of Forest Degradation for REDD+, with Application to Mexico. Forests, 2014, 5, 1653-1681.	2.1	51
6	Development of a Compatible Taper Function and Stand-Level Merchantable Volume Model for Chinese Fir Plantations. PLoS ONE, 2016, 11, e0147610.	2.5	29
7	Estimating forest edge length from forest inventory sample dataThis article is one of a selection of papers from Extending Forest Inventory and Monitoring over Space and Time.. Canadian Journal of Forest Research, 2011, 41, 1-10.	1.7	23
8	Assessing tree crown volumeâ€"a review. Forestry, 2021, 94, 18-35.	2.3	23
9	Tree Diversity and Tree Community Composition in Northern Part of Megacity Bengaluru, India. Sustainability, 2022, 14, 1295.	3.2	15
10	On the site-level suitability of biomass models. Environmental Modelling and Software, 2015, 73, 14-26.	4.5	14
11	Quantification of Biomass Production Potentials from Trees Outside Forestsâ€"A Case Study from Central Germany. Bioenergy Research, 2015, 8, 1344-1351.	3.9	14
12	Scale-guided mapping of forest stand structural heterogeneity from airborne LiDAR. Ecological Indicators, 2019, 102, 410-425.	6.3	12
13	Using terrestrial laser scanning to support biomass estimation in densely stocked young tree plantations. International Journal of Remote Sensing, 2013, 34, 8699-8709.	2.9	11
14	Towards Tree Green Crown Volume: A Methodological Approach Using Terrestrial Laser Scanning. Remote Sensing, 2020, 12, 1841.	4.0	9
15	Improving precision of field inventory estimation of aboveground biomass through an alternative view on plot biomass. Forest Ecosystems, 2020, 7, .	3.1	9
16	Evaluating the Potential of ALS Data to Increase the Efficiency of Aboveground Biomass Estimates in Tropical Peatâ€"Swamp Forests. Remote Sensing, 2018, 10, 1344.	4.0	8
17	Spatial resolution and landscape structure along an urban-rural gradient: Do they relate to remote sensing classification accuracy? â€" A case study in the megacity of Bengaluru, India. Remote Sensing Applications: Society and Environment, 2018, 12, 89-98.	1.5	5
18	Local Parameter Estimation of Topographic Normalization for Forest Type Classification. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1998-2002.	3.1	4

#	Article	IF	Citations
19	The Horizontal Distribution of Branch Biomass in European Beech: A Model Based on Measurements and TLS Based Proxies. Remote Sensing, 2021, 13, 1041.	4.0	4
20	Developing Maize Yield Predictive Models from Sentinel-2 MSI Derived Vegetation Indices: An Approach to an Early Warning System on Yield Fluctuation and Food Security. PFG - Journal of Photogrammetry, Remote Sensing and Geoinformation Science, 2021, 89, 535-548.	1.1	3
21	How forest data catalysed change in four successful case studies. Journal of Environmental Management, 2020, 271, 110736.	7.8	2
22	Sampling for landscape elementsâ€"a case study from Lower Saxony, Germany. , 2014, 186, 1421.		1