Christoph Kleinn

List of Publications by Year
in descending order

22 papers	724 citations	759233 12 h-index	713466 21 g-index
25 all docs	25 docs citations	25 times ranked	1095 citing authors

#	Article	IF	Citations
1	Tree Diversity and Tree Community Composition in Northern Part of Megacity Bengaluru, India. Sustainability, 2022, 14, 1295.	3.2	15
2	Assessing tree crown volume—a review. Forestry, 2021, 94, 18-35.	2.3	23
3	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
4	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
5	How forest data catalysed change in four successful case studies. Journal of Environmental Management, 2020, 271, 110736.	7.8	2
6	Towards Tree Green Crown Volume: A Methodological Approach Using Terrestrial Laser Scanning. Remote Sensing, 2020, 12, 1841.	4.0	9
7	Improving precision of field inventory estimation of aboveground biomass through an alternative view on plot biomass. Forest Ecosystems, 2020, 7, .	3.1	9
8	Scale-guided mapping of forest stand structural heterogeneity from airborne LiDAR. Ecological Indicators, 2019, 102, 410-425.	6.3	12
9	Large Scale Palm Tree Detection In High Resolution Satellite Images Using U-Net. Remote Sensing, 2019, 11, 312.	4.0	75
10	Evaluating the Potential of ALS Data to Increase the Efficiency of Aboveground Biomass Estimates in Tropical Peat—Swamp Forests. Remote Sensing, 2018, 10, 1344.	4.0	8
11	Spatial resolution and landscape structure along an urban-rural gradient: Do they relate to remote sensing classification accuracy? — A case study in the megacity of Bengaluru, India. Remote Sensing Applications: Society and Environment, 2018, 12, 89-98.	1.5	5
12	Development of a Compatible Taper Function and Stand-Level Merchantable Volume Model for Chinese Fir Plantations. PLoS ONE, 2016, 11, e0147610.	2.5	29
13	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
14	On the site-level suitability of biomass models. Environmental Modelling and Software, 2015, 73, 14-26.	4.5	14
15	Quantification of Biomass Production Potentials from Trees Outside Forests—A Case Study from Central Germany. Bioenergy Research, 2015, 8, 1344-1351.	3.9	14
16	Local Parameter Estimation of Topographic Normalization for Forest Type Classification. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1998-2002.	3.1	4
17	Operationalizing the Definition of Forest Degradation for REDD+, with Application to Mexico. Forests, 2014, 5, 1653-1681.	2.1	51
18	Sampling for landscape elements—a case study from Lower Saxony, Germany. , 2014, 186, 1421.		1

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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