Erkki O Tomppo

List of Publications by Year
in descending order

17 papers	1,263 citations	758635 12 h-index	887659 17 g-index
17 all docs	17 docs citations	17 times ranked	1231 citing authors

#	Article	IF	Citations
1	Combining national forest inventory field plots and remote sensing data for forest databases. Remote Sensing of Environment, 2008, 112, 1982-1999.	4.6	313
2	Estimating areal means and variances of forest attributes using the k-Nearest Neighbors technique and satellite imagery. Remote Sensing of Environment, 2007, 111, 466-480.	4.6	220
3	Using coarse scale forest variables as ancillary information and weighting of variables in k-NN estimation: a genetic algorithm approach. Remote Sensing of Environment, 2004, 92, 1-20.	4.6	180
4	A meta-analysis and review of the literature on the k-Nearest Neighbors technique for forestry applications that use remotely sensed data. Remote Sensing of Environment, 2016, 176, 282-294.	4.6	124
5	A questionnaire-based review of the operational use of remotely sensed data by national forest inventories. Remote Sensing of Environment, 2016, 174, 279-289.	4.6	86
6	Designing and Conducting a Forest Inventory - case: 9th National Forest Inventory of Finland. Managing Forest Ecosystems, 2011, , .	0.4	79
7	Predicting categorical forest variables using an improved k-Nearest Neighbour estimator and Landsat imagery. Remote Sensing of Environment, 2009, 113, 500-517.	4.6	74
8	Land Use/Land Cover Mapping Using Multitemporal Sentinel-2 Imagery and Four Classification Methods—A Case Study from Dak Nong, Vietnam. Remote Sensing, 2020, 12, 1367.	1.8	56
9	Harmonizing National Forest Inventories. Forest Science, 2012, 58, 189-190.	0.5	27
10	Cropland Classification Using Sentinel-1 Time Series: Methodological Performance and Prediction Uncertainty Assessment. Remote Sensing, 2019, 11, 2480.	1.8	26
11	Boreal Forest Snow Damage Mapping Using Multi-Temporal Sentinel-1 Data. Remote Sensing, 2019, 11, 384.	1.8	23
12	Effects of field plot configurations on the uncertainties of ALS-assisted forest resource estimates. Scandinavian Journal of Forest Research, 2017, 32, 488-500.	0.5	16
13	Detection of Forest Windstorm Damages with Multitemporal SAR Data—A Case Study: Finland. Remote Sensing, 2021, 13, 383.	1.8	13
14	Multi-Sensor Aboveground Biomass Estimation in the Broadleaved Hyrcanian Forest of Iran. Canadian Journal of Remote Sensing, 2021, 47, 818-834.	1.1	12
15	Remote Sensing Support for the Gain-Loss Approach for Greenhouse Gas Inventories. Remote Sensing, 2020, 12, 1891.	1.8	11
16	Editorial Summary, Remote Sensing Special Issue "Advances in Remote Sensing for Global Forest Monitoring". Remote Sensing, 2021, 13, 597.	1.8	2
17	Nonlocal Multiscale Single Image Statistics From Sentinel-1 SAR Data for High Resolution Bitemporal Forest Wind Damage Detection. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	1