

# Erkki O Tomppo

## List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	Editorial Summary, Remote Sensing Special Issue "Advances in Remote Sensing for Global Forest Monitoring". Remote Sensing, 2021, 13, 597.	1.8	2
3	Multi-Sensor Aboveground Biomass Estimation in the Broadleaved Hyrcanian Forest of Iran. Canadian Journal of Remote Sensing, 2021, 47, 818-834.	1.1	12
4	Detection of Forest Windstorm Damages with Multitemporal SAR Data – A Case Study: Finland. Remote Sensing, 2021, 13, 383.	1.8	13
5	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
6	Remote Sensing Support for the Gain-Loss Approach for Greenhouse Gas Inventories. Remote Sensing, 2020, 12, 1891.	1.8	11
7	Cropland Classification Using Sentinel-1 Time Series: Methodological Performance and Prediction Uncertainty Assessment. Remote Sensing, 2019, 11, 2480.	1.8	26
8	Boreal Forest Snow Damage Mapping Using Multi-Temporal Sentinel-1 Data. Remote Sensing, 2019, 11, 384.	1.8	23
9	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
10	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
11	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
12	Harmonizing National Forest Inventories. Forest Science, 2012, 58, 189-190.	0.5	27
13	Designing and Conducting a Forest Inventory - case: 9th National Forest Inventory of Finland. Managing Forest Ecosystems, 2011, , .	0.4	79
14	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
15	Combining national forest inventory field plots and remote sensing data for forest databases. Remote Sensing of Environment, 2008, 112, 1982-1999.	4.6	313
16	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
17	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