

Leena Matikainen

List of Publications by Year in descending order

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14
papers

773
citations

840776

11
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

1061
citing authors

#	ARTICLE	IF	CITATIONS
1	Remote sensing methods for power line corridor surveys. ISPRS Journal of Photogrammetry and Remote Sensing, 2016, 119, 10-31.	11.1	265
2	Automatic Detection of Buildings and Changes in Buildings for Updating of Maps. Remote Sensing, 2010, 2, 1217-1248.	4.0	103
3	Object-based analysis of multispectral airborne laser scanner data for land cover classification and map updating. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 128, 298-313.	11.1	101
4	An Object-Based Approach for Mapping Shrub and Tree Cover on Grassland Habitats by Use of LiDAR and CIR Orthoimages. Remote Sensing, 2013, 5, 558-583.	4.0	86
5	Segment-Based Land Cover Mapping of a Suburban Area—Comparison of High-Resolution Remotely Sensed Datasets Using Classification Trees and Test Field Points. Remote Sensing, 2011, 3, 1777-1804.	4.0	68
6	Feasibility of Multispectral Airborne Laser Scanning Data for Road Mapping. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 294-298.	3.1	31
7	Power line mapping technique using all-terrain mobile laser scanning. Automation in Construction, 2019, 105, 102802.	9.8	24
8	Comparing features of single and multi-photon lidar in boreal forests. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 168, 268-276.	11.1	23
9	Urban surface cover determined with airborne lidar at 2m resolution – Implications for surface energy balance modelling. Urban Climate, 2015, 13, 52-72.	5.7	18
10	Comparison Between First Pulse and Last Pulse Laser Scanner Data in the Automatic Detection of Buildings. Photogrammetric Engineering and Remote Sensing, 2009, 75, 133-146.	0.6	16
11	Combining single photon and multispectral airborne laser scanning for land cover classification. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 164, 200-216.	11.1	16
12	Toward utilizing multitemporal multispectral airborne laser scanning, Sentinel-2, and mobile laser scanning in map updating. Journal of Applied Remote Sensing, 2019, 13, 1.	1.3	8
13	The effect of seasonal variation on automated land cover mapping from multispectral airborne laser scanning data. International Journal of Remote Sensing, 2019, 40, 3289-3307.	2.9	7
14	MULTISPECTRAL AIRBORNE LASER SCANNING FOR AUTOMATED MAP UPDATING. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B3, 323-330.	0.2	7