

Matti Kurkela

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

325
citations

10
h-index

17
g-index

27
ext. papers

404
ext. citations

2.8
avg, IF

2.97
L-index

#	Paper	IF	Citations
24	Evaluating the Quality of TLS Point Cloud Colorization. <i>Remote Sensing</i> , 2020 , 12, 2748	5	4
23	Nighttime Mobile Laser Scanning and 3D Luminance Measurement: Verifying the Outcome of Roadside Tree Pruning with Mobile Measurement of the Road Environment. <i>ISPRS International Journal of Geo-Information</i> , 2020 , 9, 455	2.9	1
22	Automated Multi-Sensor 3D Reconstruction for the Web. <i>ISPRS International Journal of Geo-Information</i> , 2019 , 8, 221	2.9	13
21	Calculation of Mesopic Luminance Using per Pixel S/P Ratios Measured with Digital Imaging. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2019 , 15, 309-317	3.5	5
20	The feasibility of using a low-cost depth camera for 3D scanning in mass customization. <i>Open Engineering</i> , 2019 , 9, 450-458	1.7	4
19	Depth camera indoor mapping for 3D virtual radio play. <i>Photogrammetric Record</i> , 2018 , 33, 171-195	1.7	9
18	Browser based 3D for the built environment 2018 , 13, 54-76		4
17	Tutorial: Road Lighting for Efficient and Safe Traffic Environments. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2017 , 13, 223-241	3.5	12
16	Modern empirical and modelling study approaches in fluvial geomorphology to elucidate sub-bend-scale meander dynamics. <i>Progress in Physical Geography</i> , 2017 , 41, 533-569	3.5	27
15	Target detection distances under different road lighting intensities. <i>European Transport Research Review</i> , 2017 , 9,	3.7	9
14	Comparison of the Selected State-Of-The-Art 3D Indoor Scanning and Point Cloud Generation Methods. <i>Remote Sensing</i> , 2017 , 9, 796	5	84
13	Radial Distortion from Epipolar Constraint for Rectilinear Cameras. <i>Journal of Imaging</i> , 2017 , 3, 8	3.1	1
12	Camera preparation and performance for 3D luminance mapping of road environments 2017 , 25, 1-23		6
11	Determining Characteristic Vegetation Areas by Terrestrial Laser Scanning for Floodplain Flow Modeling. <i>Water (Switzerland)</i> , 2015 , 7, 420-437	3	30
10	Luminance-Corrected 3D Point Clouds for Road and Street Environments. <i>Remote Sensing</i> , 2015 , 7, 11389-11403	3.1	23
9	Impacts of Room Structure Models on the Accuracy of 60 GHz Indoor Radio Propagation Prediction. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 1137-1140	3.8	10
8	Customized Visualizations of Urban Infill Development Scenarios for Local Stakeholders. <i>Journal of Building Construction and Planning Research</i> , 2015 , 03, 68-81	0.4	6

7	Rapid Prototyping IA Tool for Presenting 3-Dimensional Digital Models Produced by Terrestrial Laser Scanning. <i>ISPRS International Journal of Geo-Information</i> , 2014 , 3, 871-890	2.9	7
6	70 GHz radio wave propagation prediction in a large office 2014 ,		4
5	Automated image-based reconstruction of building interiors IA case study 2014 , 24, 1-13		6
4	Data processing and quality evaluation of a boat-based mobile laser scanning system. <i>Sensors</i> , 2013 , 13, 12497-515	3.8	29
3	3D Modeling of Coarse Fluvial Sediments Based on Mobile Laser Scanning Data. <i>Remote Sensing</i> , 2013 , 5, 4571-4592	5	19
2	Mobile laser scanning in fluvial geomorphology: mapping and change detection of point bars. <i>Zeitschrift für Geomorphologie</i> , 2011 , 55, 31-50	1.9	21
1	Applying photogrammetry to reconstruct 3D luminance point clouds of indoor environments. <i>Architectural Engineering and Design Management</i> , 1-17	1.2	1