Wenting Luo

List of Publications by Year
in descending order

13	189	1040056 9	1125743 13
papers	citations	h-index	g-index

13	13	13	123
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lane Marking Detection and Reconstruction with Line-Scan Imaging Data. Sensors, 2018, 18, 1635.	3.8	25
2	Surface Drainage Evaluation for Rigid Pavements Using an Inertial Measurement Unit and 1-mm Three-Dimensional Texture Data. Transportation Research Record, 2014, 2457, 121-128.	1.9	24
3	Automatic geometry measurement for curved ramps using inertial measurement unit and 3D LiDAR system. Automation in Construction, 2018, 94, 214-232.	9.8	21
4	Development of a new analytical water film depth (WFD) prediction model for asphalt pavement drainage evaluation. Construction and Building Materials, 2019, 218, 530-542.	7.2	21
5	Field test validation of water film depth (WFD) prediction models for pavement surface drainage. International Journal of Pavement Engineering, 2019, 20, 1170-1181.	4.4	21
6	Measuring rutting dimension and lateral position using 3D line scanning laser and inertial measuring unit. Automation in Construction, 2020, 111, 103056.	9.8	16
7	Surface drainage evaluation of asphalt pavement using a new analytical water film depth model. Road Materials and Pavement Design, 2020, 21, 1985-2004.	4.0	15
8	Hydroplaning on Sloping Pavements Based on Inertial Measurement Unit (IMU) and 1mm 3D Laser Imaging Data. Periodica Polytechnica Transportation Engineering, 2016, 44, 42-49.	1.2	13
9	Automatic Horizontal Curve Identification and Measurement Using Mobile Mapping System. Journal of Surveying Engineering, - ASCE, 2018, 144, .	1.7	11
10	Estimation of water film depth for rutting pavement using IMU and 3D laser imaging data. International Journal of Pavement Engineering, 2021, 22, 1334-1349.	4.4	9
11	Automated runway groove measurement and evaluation. KSCE Journal of Civil Engineering, 2017, 21, 758-765.	1.9	7
12	Automatic Groove Measurement and Evaluation with High Resolution Laser Profiling Data. Sensors, 2018, 18, 2713.	3.8	3
13	Deep Learning-Based Lane Marking Detection using A²-LMDet. Transportation Research Record, 2020, 2674, 625-635.	1.9	3