Jianqing Wu

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.

41 papers	391 citations	11 h-index	18 g-index
43 ext. papers	543 ext. citations	3.3 avg, IF	4.36 L-index

#	Paper	IF	Citations
41	A Variable Dimension-Based Method for Roadside LiDAR Background Filtering. *IEEE Sensors Journal* , **2022**, 22, 832-841	4	1
40	Distributed agent-based deep reinforcement learning for large scale traffic signal control. *Knowledge-Based Systems*, **2022**, 241, 108304	7.3	2
39	Review on Millimeter-Wave Radar and Camera Fusion Technology. *Sustainability*, **2022**, 14, 5114	3.6	0
38	Review of Intelligent Road Defects Detection Technology. *Sustainability*, **2022**, 14, 6306	3.6	2
37	Road Surface Defects Detection Based on IMU Sensor. *IEEE Sensors Journal*, **2021**, 1-1	4	2
36	Object Classification with Roadside LiDAR Data Using a Probabilistic Neural Network. *Electronics (Switzerland)*, **2021**, 10, 803	2.6	2
35	An Analysis of Floating Geogrid-Reinforced Pile-Supported Embankments Containing Deep Softened Soil. *Arabian Journal for Science and Engineering*, **2021**, 46, 10855	2.5	2
34	Determinants and Prediction of Injury Severities in Multi-Vehicle-Involved Crashes. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	0
33	An Energy Aware Offloading Scheme for Interdependent Applications in Software-Defined IoV With Fog Computing Architecture. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 22, 3813-3823	6.1	5
32	Automatic Vehicle Detection With Roadside LiDAR Data Under Rainy and Snowy Conditions. *IEEE Intelligent Transportation Systems Magazine*, **2021**, 13, 197-209	2.6	7
31	An automatic skateboarder detection method with roadside LiDAR data. *Journal of Transportation Safety and Security*, **2021**, 13, 298-317	1.7	2
30	Road Boundary-Enhanced Automatic Background Filtering for Roadside LiDAR Sensors. *IEEE Intelligent Transportation Systems Magazine*, **2021**, 0-0	2.6	1
29	Augmented Multiple Vehicles Trajectories Extraction Under Occlusions With Roadside LiDAR Data. *IEEE Sensors Journal*, **2021**, 1-1	4	1
28	The Bounds of Improvements Toward Real-Time Forecast of Multi-Scenario Train Delays. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-12	6.1	1
27	A Hybrid LSTM-CPS Approach for Long-Term Prediction of Train Delays in Multivariate Time Series. *Future Transportation*, **2021**, 1, 765-776		0
26	An Automatic Background Filtering Method for Detection of Road Users in Heavy Traffics Using Roadside 3-D LiDAR Sensors With Noises. *IEEE Sensors Journal*, **2020**, 20, 6596-6604	4	11
25	Towards Attention-Based Convolutional Long Short-Term Memory for Travel Time Prediction of Bus Journeys. *Sensors*, **2020**, 20,	3.8	11

24	Vehicle Detection under Adverse Weather from Roadside LiDAR Data. *Sensors*, **2020**, 20,	3.8	9
23	An automatic lane identification method for the roadside light detection and ranging sensor. *Journal of Intelligent Transportation Systems: Technology, Planning, and Operations*, **2020**, 24, 467-479	3.2	6
22	A novel skateboarder-related near-crash identification method with roadside LiDAR data. *Accident Analysis and Prevention*, **2020**, 137, 105438	6.1	4
21	Experimental study on the pullout behavior of scrap tire strips and their application as soil reinforcement. *Construction and Building Materials*, **2020**, 254, 119288	6.7	4
20	Real-Time Queue Length Detection with Roadside LiDAR Data. *Sensors*, **2020**, 20,	3.8	4
19	Lane change identification and prediction with roadside LiDAR data. *Optics and Laser Technology*, **2020**, 123, 105934	4.2	6
18	An Edge Based Multi-Agent Auto Communication Method for Traffic Light Control. *Sensors*, **2020**, 20,	3.8	7
17	Effect Analysis of Soil Type and Silt Content on Silt-Based Foamed Concrete with Different Density. *Materials*, **2020**, 13,	3.5	9
16	Automatic Lane Identification Using the Roadside LiDAR Sensors. *IEEE Intelligent Transportation Systems Magazine*, **2020**, 12, 25-34	2.6	32
15	Deer Crossing Road Detection With Roadside LiDAR Sensor. *IEEE Access*, **2019**, 7, 65944-65954	3.5	19
14	Raster-Based Background Filtering for Roadside LiDAR Data. *IEEE Access*, **2019**, 7, 76779-76788	3.5	17
13	LiDAR-Enhanced Connected Infrastructures Sensing and Broadcasting High-Resolution Traffic Information Serving Smart Cities. *IEEE Access*, **2019**, 7, 79895-79907	3.5	27
12	Points Registration for Roadside LiDAR Sensors. *Transportation Research Record*, **2019**, 2673, 627-639	1.7	16
11	Automatic Ground Points Identification Method for Roadside LiDAR Data. *Transportation Research Record*, **2019**, 2673, 140-152	1.7	8
10	Data Registration with Ground Points for Roadside LiDAR Sensors. *Remote Sensing*, **2019**, 11, 1354	5	12
9	Trajectory tracking and prediction of pedestrian's crossing intention using roadside LiDAR. *IET Intelligent Transport Systems*, **2019**, 13, 789-795	2.4	25
8	Automatic Vehicle Classification using Roadside LiDAR Data. *Transportation Research Record*, **2019**, 2673, 153-164	1.7	31
7	A data mapping method for roadside LiDAR sensors **2019**,		2

6	Towards a General Prediction System for the Primary Delay in Urban Railways **2019**,		5
5	Automatic Background Filtering Method for Roadside LiDAR Data. *Transportation Research Record*, **2018**, 2672, 106-114	1.7	45
4	Driver behavior analysis on rural 2-lane, 2-way highways using SHRP 2 NDS data. *Traffic Injury Prevention*, **2018**, 19, 838-843	1.8	13
3	3-D Data Processing to Extract Vehicle Trajectories from Roadside LiDAR Data. *Transportation Research Record*, **2018**, 2672, 14-22	1.7	32
2	Data Fusion for MaaS: Opportunities and Challenges **2018**,		3
1	A Study on the Dependability of Software Defined Networks **2015**,		5