Yuan Tian

List of Publications by Citations

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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.

12	117	6	10
papers	citations	h-index	g-index
12	151	2.9	3
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
12	LiDAR-Enhanced Connected Infrastructures Sensing and Broadcasting High-Resolution Traffic Information Serving Smart Cities. *IEEE Access*, **2019**, 7, 79895-79907	3.5	27
11	Automatic ground points filtering of roadside LiDAR data using a channel-based filtering algorithm. *Optics and Laser Technology*, **2019**, 115, 374-383	4.2	22
10	Revolution and rotation-based method for roadside LiDAR data integration. *Optics and Laser Technology*, **2019**, 119, 105571	4.2	20
9	Raster-Based Background Filtering for Roadside LiDAR Data. *IEEE Access*, **2019**, 7, 76779-76788	3.5	17
8	Vehicle Detection under Adverse Weather from Roadside LiDAR Data. *Sensors*, **2020**, 20,	3.8	9
7	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
6	Real-Time Queue Length Detection with Roadside LiDAR Data. *Sensors*, **2020**, 20,	3.8	4
5	Automatic Vehicle Tracking with LiDAR-Enhanced Roadside Infrastructure. *Journal of Testing and Evaluation*, **2021**, 49, 20190859	1	4
4	Towards application of light detection and ranging sensor to traffic detection: an investigation of its built-in features and installation techniques. *Journal of Intelligent Transportation Systems: Technology, Planning, and Operations*, **2020**, 1-22	3.2	3
3	A data mapping method for roadside LiDAR sensors **2019**,		2
2	An automatic skateboarder detection method with roadside LiDAR data. *Journal of Transportation Safety and Security*, **2021**, 13, 298-317	1.7	2
1	Traffic Volume Detection Using Infrastructure-Based LiDAR under Different Levels of Service Conditions. *Journal of Transportation Engineering Part A: Systems*, **2021**, 147, 04021080	1.5	1