

Yuan Tian

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.

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

#	Paper	IF	Citations
12	Automatic Vehicle Tracking with LiDAR-Enhanced Roadside Infrastructure. <i>Journal of Testing and Evaluation</i> , 2021 , 49, 20190859	1	4
11	An automatic skateboarder detection method with roadside LiDAR data. <i>Journal of Transportation Safety and Security</i> , 2021 , 13, 298-317	1.7	2
10	Traffic Volume Detection Using Infrastructure-Based LiDAR under Different Levels of Service Conditions. <i>Journal of Transportation Engineering Part A: Systems</i> , 2021 , 147, 04021080	1.5	1
9	Vehicle Detection under Adverse Weather from Roadside LiDAR Data. <i>Sensors</i> , 2020 , 20,	3.8	9
8	An automatic lane identification method for the roadside light detection and ranging sensor. <i>Journal of Intelligent Transportation Systems: Technology, Planning, and Operations</i> , 2020 , 24, 467-479	3.2	6
7	Real-Time Queue Length Detection with Roadside LiDAR Data. <i>Sensors</i> , 2020 , 20,	3.8	4
6	Towards application of light detection and ranging sensor to traffic detection: an investigation of its built-in features and installation techniques. <i>Journal of Intelligent Transportation Systems: Technology, Planning, and Operations</i> , 2020 , 1-22	3.2	3
5	Raster-Based Background Filtering for Roadside LiDAR Data. <i>IEEE Access</i> , 2019 , 7, 76779-76788	3.5	17
4	LiDAR-Enhanced Connected Infrastructures Sensing and Broadcasting High-Resolution Traffic Information Serving Smart Cities. <i>IEEE Access</i> , 2019 , 7, 79895-79907	3.5	27
3	Revolution and rotation-based method for roadside LiDAR data integration. <i>Optics and Laser Technology</i> , 2019 , 119, 105571	4.2	20
2	Automatic ground points filtering of roadside LiDAR data using a channel-based filtering algorithm. <i>Optics and Laser Technology</i> , 2019 , 115, 374-383	4.2	22
1	A data mapping method for roadside LiDAR sensors 2019 ,		2