

# Lianyu Chu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11418818/publications.pdf>

Version: 2024-02-01

12  
papers

330  
citations

1163117

8  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

346  
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of vehicular emissions by capturing traffic variations. Atmospheric Environment, 2007, 41, 2996-3008.	4.1	66
2	Performance Evaluation of Adaptive Ramp-Metering Algorithms Using Microscopic Traffic Simulation Model. Journal of Transportation Engineering, 2004, 130, 330-338.	0.9	60
3	Bottleneck Identification and Calibration for Corridor Management Planning. Transportation Research Record, 2007, 1999, 40-53.	1.9	38
4	Using Microscopic Simulation to Evaluate Potential Intelligent Transportation System Strategies Under Nonrecurrent Congestion. Transportation Research Record, 2004, 1886, 76-84.	1.9	36
5	Optimization of Control Parameters for Adaptive Traffic-Actuated Signal Control. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2010, 14, 95-108.	4.2	36
6	Wavelet-Based Nearest Neighbor Vehicle Classification Approach with Inductive Loop Signatures. Transportation Research Record, 2013, 2380, 72-80.	1.9	24
7	Sequential Modeling Framework for Optimal Sensor Placement for Multiple Intelligent Transportation System Applications. Journal of Transportation Engineering, 2011, 137, 112-120.	0.9	23
8	Bayesian Mixture Model for Estimating Freeway Travel Time Distributions from Small Probe Samples from Multiple Days. Transportation Research Record, 2009, 2136, 37-44.	1.9	19
9	A high-definition traffic performance monitoring system with the Inductive Loop Detector signature technology. , 2014, , .		15
10	Policy Implications of Incorporating Hybrid Vehicles into High-Occupancy Vehicle Lanes. Journal of Transportation System Engineering and Information Technology, 2010, 10, 30-41.	0.6	5
11	Operational Effect of Single-Occupant Hybrid Vehicles in High-Occupancy Vehicle Lanes. Transportation Research Record, 2006, 1959, 151-158.	1.9	4
12	Optimal Parameter Settings for Adaptive Traffic-Actuated Signal Control. , 2008, , .		4