

Paper No.	Corr. Author	Title	TRR No.DOI	
17-04495	Xiao	Realistic Car-Following Models for Microscopic Simulation of Adaptive and Cooperative Adaptive Cruise Control Vehicles	2623	10.3141/2623-01
17-04516	Zhao	Calibrating The Robertson's Platoon Dispersion Model at Coordinated Corridor with Advance Warning Flasher	2623	10.3141/2623-02
17-05170	Rakha	A Game Theoretical Approach to Model Decision Making for Merging Maneuvers at Freeway On-Ramps	2623	10.3141/2623-03
17-06081	Qian	Traffic State Estimation for Urban Road Networks Using A Link Queue Model	2623	10.3141/2623-04
17-06294	Jin	A Framework for Deriving Macroscopic Demand Functions from Microscopic Acceleration Models	2623	10.3141/2623-05
17-02419	tang	Real-Time Queue Length Estimation for Signalized Intersections Using Vehicle Trajectory Data	2623	10.3141/2623-06
17-00245	Choudhury	Transferability of Car-Following Models between Driving Simulator and Field Traffic	2623	10.3141/2623-07
17-05600	Rahman	An Evaluation Strategy for Driver Car-Following Behavior Models for CACC Controllers	2622	10.3141/2622-08
17-03157	Yao	Optimizing Traffic Flow Efficiency by Controlling Lane Changes: Collective, Group and User Optima	2622	10.3141/2622-09
17-04302	Yang	Modeling and Simulation of the Traffic Flow Mixed by the Manual and Automated Vehicles Based on Cellular Automata	2622	10.3141/2622-10
17-02270	Chen	Mechanics-based Acceleration Modelling of Multilane Traffic Flow	2622	10.3141/2622-11
17-04750	Stubenschrott	Route-Choice Modeling for Pedestrian Evacuation based on Infrastructure Knowledge and Personal Preferences	2623	10.3141/2623-09
17-03335	Duives	Operational walking dynamics of crowds modelled by means of linear regression	2623	10.3141/2623-10
17-04512	Mahmassani	Investigating the Effects of Reserved Lanes for Autonomous Vehicles on Congestion and Travel Time Reliability	2622	10.3141/2622-01
17-06621	Oh	SimMobility Short-term: An Integrated Microscopic Mobility Simulator	2622	10.3141/2622-02
17-06734	Mahmassani	Network Flow Relations and Travel Time Reliability in a Connected Environment	2622	10.3141/2622-03
17-02890	Varotto	Resuming Manual Control or Not? Modelling Choices of Control Transitions in Full-Range Adaptive Cruise Control	2622	10.3141/2622-04
17-04277	Sarvi	Pedestrian Crowd Dynamics Observed at Merging Sections: The Impact of Different Designs on Movement Efficiency	2622	10.3141/2622-05
17-00884	Gayah	Improving Street Network Efficiency by Prohibiting Left Turns at Signalized Intersections	2622	10.3141/2622-06
17-00887	Guler	Estimating the Impacts of Bus Stops on Transit Signal Priority on Intersection Operations: A Queueing and Variational Theory Approach	2622	10.3141/2622-07
17-01911	Lopez	Spatio-Temporal Partitioning of Transportation Network Using Travel Time Data	2623	10.3141/2623-11
17-03643	Zhang	A Study of Cross Correlations in Traffic Networks with Applications to Perimeter Control	2623	10.3141/2623-12
17-02010	Ahn	Platooning Strategy for Connected and Autonomous Vehicles: Transition From Light Traffic	2623	10.3141/2623-08