

Srinivas Peeta

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.

162
papers

4,201
citations

33
h-index

59
g-index

167
ext. papers

5,090
ext. citations

4.3
avg, IF

6.25
L-index

#	Paper	IF	Citations
162	Foundations of Dynamic Traffic Assignment: The Past, the Present and the Future. <i>Networks and Spatial Economics</i> , 2001 , 1, 233-265	1.9	480
161	Predicting station-level hourly demand in a large-scale bike-sharing network: A graph convolutional neural network approach. <i>Transportation Research Part C: Emerging Technologies</i> , 2018 , 97, 258-276	8.4	175
160	Pre-disaster investment decisions for strengthening a highway network. <i>Computers and Operations Research</i> , 2010 , 37, 1708-1719	4.6	148
159	A generalized modeling framework to analyze interdependencies among infrastructure systems. <i>Transportation Research Part B: Methodological</i> , 2011 , 45, 553-579	7.2	133
158	Multiple user classes real-time traffic assignment for online operations: A rolling horizon solution framework. <i>Transportation Research Part C: Emerging Technologies</i> , 1995 , 3, 83-98	8.4	128
157	System optimal and user equilibrium time-dependent traffic assignment in congested networks. <i>Annals of Operations Research</i> , 1995 , 60, 81-113	3.2	117
156	Identification of vehicle sensor locations for link-based network traffic applications. <i>Transportation Research Part B: Methodological</i> , 2009 , 43, 873-894	7.2	107
155	Content of Variable Message Signs and On-Line Driver Behavior. <i>Transportation Research Record</i> , 2000 , 1725, 102-108	1.7	106
154	Perception updating and day-to-day travel choice dynamics in traffic networks with information provision. <i>Transportation Research Part C: Emerging Technologies</i> , 1998 , 6, 189-212	8.4	102
153	Vulnerability assessment and mitigation for the Chinese railway system under floods. <i>Reliability Engineering and System Safety</i> , 2015 , 137, 58-68	6.3	82
152	Nonlinear Consensus-Based Connected Vehicle Platoon Control Incorporating Car-Following Interactions and Heterogeneous Time Delays. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2019 , 20, 2209-2219	6.1	76
151	Dynamic Game Theoretic Model of Multi-Layer Infrastructure Networks. <i>Networks and Spatial Economics</i> , 2005 , 5, 147-178	1.9	70
150	Planning for Evacuation: Insights from an Efficient Network Design Model. <i>Journal of Infrastructure Systems</i> , 2009 , 15, 21-30	2.9	65
149	An adaptive information fusion model to predict the short-term link travel time distribution in dynamic traffic networks. <i>Transportation Research Part B: Methodological</i> , 2012 , 46, 235-252	7.2	64
148	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2015 , 16, 2501-2510	6.1	63
147	A Hybrid Model for Driver Route Choice Incorporating En-Route Attributes and Real-Time Information Effects. <i>Networks and Spatial Economics</i> , 2005 , 5, 21-40	1.9	63
146	Multicommodity Maximal Covering Network Design Problem for Planning Critical Routes for Earthquake Response. <i>Transportation Research Record</i> , 2003 , 1857, 1-10	1.7	61

145	Behavior-based analysis of freeway car-truck interactions and related mitigation strategies. <i>Transportation Research Part B: Methodological</i> , 2005 , 39, 417-451	7.2	60
144	Integral-Sliding-Mode Braking Control for a Connected Vehicle Platoon: Theory and Application. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 4618-4628	8.9	56
143	Non-lane-discipline-based car-following model considering the effects of two-sided lateral gaps. <i>Nonlinear Dynamics</i> , 2015 , 80, 227-238	5	54
142	Consensus-Based Cooperative Control for Multi-Platoon Under the Connected Vehicles Environment. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2019 , 20, 2220-2229	6.1	53
141	Multiclass traffic assignment model for mixed traffic flow of human-driven vehicles and connected and autonomous vehicles. <i>Transportation Research Part B: Methodological</i> , 2019 , 126, 139-168	7.2	52
140	Estimating dilemma zone hazard function at high speed isolated intersection. <i>Transportation Research Part C: Emerging Technologies</i> , 2011 , 19, 400-412	8.4	51
139	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018 , 19, 38-47	6.1	50
138	A car-following model considering the effect of electronic throttle opening angle under connected environment. <i>Nonlinear Dynamics</i> , 2016 , 85, 2115-2125	5	50
137	Multiple measures-based chaotic time series for traffic flow prediction based on Bayesian theory. <i>Nonlinear Dynamics</i> , 2016 , 85, 179-194	5	48
136	Platoon Control of Connected Multi-Vehicle Systems Under V2X Communications: Design and Experiments. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 21, 1891-1902	6.1	48
135	Multi-objective optimization of integrated solar absorption cooling and heating systems for medium-sized office buildings. <i>Renewable Energy</i> , 2013 , 52, 67-78	8.1	47
134	Nonlinear finite-time consensus-based connected vehicle platoon control under fixed and switching communication topologies. <i>Transportation Research Part C: Emerging Technologies</i> , 2018 , 93, 525-543	8.4	46
133	Traffic Equilibrium and Charging Facility Locations for Electric Vehicles. <i>Networks and Spatial Economics</i> , 2017 , 17, 435-457	1.9	40
132	Cooperative adaptive cruise control for connected autonomous vehicles by factoring communication-related constraints. <i>Transportation Research Part C: Emerging Technologies</i> , 2020 , 113, 124-145	8.4	40
131	Impacts of internal migration, household registration system, and family planning policy on travel mode choice in China. <i>Travel Behaviour & Society</i> , 2018 , 13, 128-143	5.3	36
130	A real-time deployable model predictive control-based cooperative platooning approach for connected and autonomous vehicles. <i>Transportation Research Part B: Methodological</i> , 2019 , 128, 271-307	7.2	34
129	Evaluating the energy consumption of electric vehicles based on car-following model under non-lane discipline. <i>Nonlinear Dynamics</i> , 2015 , 82, 629-641	5	33
128	A Stochastic Optimization Model to Reduce Expected Post-Disaster Response Time Through Pre-Disaster Investment Decisions. <i>Networks and Spatial Economics</i> , 2014 , 14, 271-295	1.9	33

127	Cooperative Adaptive Cruise Control for a Platoon of Connected and Autonomous Vehicles considering Dynamic Information Flow Topology. <i>Transportation Research Record</i> , 2019 , 2673, 185-198	1.7	31
126	Eco-system optimal time-dependent flow assignment in a congested network. <i>Transportation Research Part B: Methodological</i> , 2016 , 94, 217-239	7.2	31
125	Behavior-consistent real-time traffic routing under information provision. <i>Transportation Research Part C: Emerging Technologies</i> , 2009 , 17, 642-661	8.4	31
124	Information-based network control strategies consistent with estimated driver behavior. <i>Transportation Research Part B: Methodological</i> , 2009 , 43, 73-96	7.2	31
123	Multi-period equilibrium modeling planning framework for tradable credit schemes. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2016 , 93, 177-198	9	30
122	An aggregate approach to model evacuee behavior for no-notice evacuation operations. <i>Transportation</i> , 2013 , 40, 671-696	4	29
121	Risk-based spatial zone determination problem for stage-based evacuation operations. <i>Transportation Research Part C: Emerging Technologies</i> , 2014 , 41, 73-89	8.4	29
120	Recasting Dilemma Zone Design as a Marginal Cost-Benefit Problem. <i>Transportation Research Record</i> , 2007 , 2035, 88-96	1.7	29
119	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2017 , 18, 3408-3420	6.1	27
118	Routing aspects of electric vehicle drivers and their effects on network performance. <i>Transportation Research, Part D: Transport and Environment</i> , 2016 , 46, 246-266	6.4	27
117	Personal and societal impacts of motorcycle ban policy on motorcyclists home-to-work morning commute in China. <i>Travel Behaviour & Society</i> , 2020 , 19, 137-150	5.3	26
116	Impacts of personalized accessibility information on residential location choice and travel behavior. <i>Travel Behaviour & Society</i> , 2020 , 19, 99-111	5.3	26
115	Generalized Singular Value Decomposition Approach for Consistent On-Line Dynamic Traffic Assignment. <i>Transportation Research Record</i> , 1999 , 1667, 77-87	1.7	25
114	Promoting zero-emissions vehicles using robust multi-period tradable credit scheme. <i>Transportation Research, Part D: Transport and Environment</i> , 2019 , 75, 265-285	6.4	24
113	Deployment of roadside units to overcome connectivity gap in transportation networks with mixed traffic. <i>Transportation Research Part C: Emerging Technologies</i> , 2020 , 111, 496-512	8.4	21
112	Pre-disaster investment decisions for strengthening the Chinese railway system under earthquakes. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2017 , 105, 39-59	9	21
111	Behavior-based consistency-seeking models as deployment alternatives to dynamic traffic assignment models. <i>Transportation Research Part C: Emerging Technologies</i> , 2006 , 14, 114-138	8.4	21
110	Impacts of Property Accessibility and Neighborhood Built Environment on Single-Unit and Multiunit Residential Property Values. <i>Transportation Research Record</i> , 2016 , 2568, 103-112	1.7	21

109	Real-Time Variable Message SignBased Route Guidance Consistent with Driver Behavior. <i>Transportation Research Record</i> , 2001 , 1752, 117-125	1.7	20
108	Integrating social network analysis with analytic network process for international development project selection. <i>Expert Systems With Applications</i> , 2015 , 42, 5128-5138	7.8	19
107	Automatic Real-Time Detection and Correction of Erroneous Detector Data with Fourier Transforms for Online Traffic Control Architectures. <i>Transportation Research Record</i> , 2002 , 1811, 1-11	1.7	19
106	RailTruck Multimodal Freight Collaboration: Truck Freight Carrier Perspectives in the United States. <i>Journal of Transportation Engineering</i> , 2015 , 141, 04015023		18
105	A marginal utility day-to-day traffic evolution model based on one-step strategic thinking. <i>Transportation Research Part B: Methodological</i> , 2016 , 84, 237-255	7.2	18
104	Driving simulator-based study of compliance behaviour with dynamic message sign route guidance. <i>IET Intelligent Transport Systems</i> , 2015 , 9, 765-772	2.4	18
103	Analysis of the factors that influence the relationship between business air travel and videoconferencing. <i>Transportation Research, Part A: Policy and Practice</i> , 2009 , 43, 709-721	3.7	18
102	A day-to-day dynamical model for the evolution of path flows under disequilibrium of traffic networks with fixed demand. <i>Transportation Research Part B: Methodological</i> , 2015 , 80, 235-256	7.2	17
101	Network design for personal rapid transit under transit-oriented development. <i>Transportation Research Part C: Emerging Technologies</i> , 2015 , 55, 351-362	8.4	17
100	Analytical model for information flow propagation wave under an information relay control strategy in a congested vehicle-to-vehicle communication environment. <i>Transportation Research Part C: Emerging Technologies</i> , 2018 , 94, 1-18	8.4	17
99	A sliding mode controller for vehicular traffic flow. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016 , 462, 38-47	3.3	17
98	Dynamic Resource Allocation Problem for Transportation Network Evacuation. <i>Networks and Spatial Economics</i> , 2014 , 14, 505-530	1.9	17
97	Modeling and Mitigation of Car-Truck Interactions on Freeways. <i>Transportation Research Record</i> , 2004 , 1899, 117-126	1.7	16
96	Modeling the information flow propagation wave under vehicle-to-vehicle communications. <i>Transportation Research Part C: Emerging Technologies</i> , 2017 , 85, 377-395	8.4	15
95	Cooperative Adaptive Cruise Control for Connected Autonomous Vehicles by Factoring Communication-Related Constraints. <i>Transportation Research Procedia</i> , 2019 , 38, 242-262	2.4	15
94	Impacts of congestion pricing and reward strategies on automobile travelers morning commute mode shift decisions. <i>Transportation Research, Part A: Policy and Practice</i> , 2019 , 125, 72-88	3.7	15
93	Entropy weighted average method for the determination of a single representative path flow solution for the static user equilibrium traffic assignment problem. <i>Transportation Research Part B: Methodological</i> , 2015 , 71, 213-229	7.2	15
92	Model and a solution algorithm for the dynamic resource allocation problem for large-scale transportation network evacuation. <i>Transportation Research Part C: Emerging Technologies</i> , 2015 , 59, 233-247	8.4	15

91	Identifying elderly travel time disparities using a correlated grouped random parameters hazard-based duration approach. <i>Research in Transportation Business and Management</i> , 2019 , 30, 100369 ^{2.8}	15
90	Robustness of the off-line a priori stochastic dynamic traffic assignment solution for on-line operations. <i>Transportation Research Part C: Emerging Technologies</i> , 1999 , 7, 281-303	8.4 15
89	Dynamic and disequilibrium analysis of interdependent infrastructure systems. <i>Transportation Research Part B: Methodological</i> , 2014 , 67, 357-381	7.2 14
88	A Self-Adaptive Dynamic Recognition Model for Fatigue Driving Based on Multi-Source Information and Two Levels of Fusion. <i>Sensors</i> , 2015 , 15, 24191-213	3.8 14
87	A carrier collaboration problem for less-than-truckload carriers: characteristics and carrier collaboration model. <i>Transportmetrica A: Transport Science</i> , 2014 , 10, 327-349	2.5 14
86	Centralized Time-Dependent Multiple-Carrier Collaboration Problem for Less-Than-Truckload Carriers. <i>Transportation Research Record</i> , 2011 , 2263, 26-34	1.7 14
85	On-line calibration of behavior parameters for behavior-consistent route guidance. <i>Transportation Research Part B: Methodological</i> , 2009 , 43, 403-421	7.2 13
84	Fuzzy Control Model Optimization for Behavior-Consistent Traffic Routing Under Information Provision. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2008 , 9, 27-37	6.1 13
83	Rail-truck multimodal freight collaboration: a statistical analysis of freight-shipper perspectives. <i>Transportation Planning and Technology</i> , 2016 , 39, 484-506	1.6 13
82	Comprehending the roles of traveler perception of travel time reliability on route choice behavior. <i>Travel Behaviour & Society</i> , 2019 , 16, 13-22	5.3 12
81	Smooth-Switching Control-Based Cooperative Adaptive Cruise Control by Considering Dynamic Information Flow Topology. <i>Transportation Research Record</i> , 2020 , 2674, 444-458	1.7 12
80	An Analytical Model to Characterize the Spatiotemporal Propagation of Information Under Vehicle-to-Vehicle Communications. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018 , 19, 3-12	6.1 12
79	Data-Consistent Fuzzy Approach for Online Driver Behavior Under Information Provision. <i>Transportation Research Record</i> , 2002 , 1803, 76-86	1.7 12
78	Optimal toll design problems under mixed traffic flow of human-driven vehicles and connected and autonomous vehicles. <i>Transportation Research Part C: Emerging Technologies</i> , 2021 , 125, 102952	8.4 12
77	Managing morning commute congestion with a tradable credit scheme under commuter heterogeneity and market loss aversion behavior. <i>Transportmetrica B</i> , 2019 , 7, 1780-1808	1.8 12
76	Clearance Time Estimation for Incorporating Evacuation Risk in Routing Strategies for Evacuation Operations. <i>Networks and Spatial Economics</i> , 2015 , 15, 743-764	1.9 11
75	A binary probit model to analyze freight transportation decision-maker perspectives for container shipping on the Northern Sea Route. <i>Maritime Economics and Logistics</i> , 2018 , 20, 358-374	2.6 11
74	Sensitivity analysis based approximation models for day-to-day link flow evolution process. <i>Transportation Research Part B: Methodological</i> , 2016 , 92, 35-53	7.2 11

73	An extended microscopic traffic flow model based on 'the 'spring-mass' system theory. <i>Modern Physics Letters B</i> , 2017 , 31, 1750090	1.6	10
72	Multiclass information flow propagation control under vehicle-to-vehicle communication environments. <i>Transportation Research Part B: Methodological</i> , 2019 , 129, 96-121	7.2	10
71	Online Stochastic Routing Incorporating Real-Time Traffic Information. <i>Transportation Research Record</i> , 2013 , 2334, 95-104	1.7	10
70	SLOPE-BASED PATH SHIFT PROPENSITY ALGORITHM FOR THE STATIC TRAFFIC ASSIGNMENT PROBLEM. <i>International Journal for Traffic and Transport Engineering</i> , 2014 , 4, 297-319	1	10
69	China's millennial car travelers' mode shift responses under congestion pricing and reward policies: A case study in Beijing. <i>Travel Behaviour & Society</i> , 2021 , 23, 86-99	5.3	10
68	Graph-Based Modeling of Information Flow Evolution and Propagation under V2V Communications-Based Advanced Traveler Information Systems. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2016 , 31, 499-514	8.4	10
67	A Multi-Period Tradable Credit Scheme Incorporating Interest Rate and Traveler Value-of-Time Heterogeneity to Manage Traffic System Emissions. <i>Frontiers in Built Environment</i> , 2018 , 4,	2.2	10
66	Routing and charging locations for electric vehicles for intercity trips. <i>Transportation Planning and Technology</i> , 2017 , 40, 393-419	1.6	9
65	Behavior-consistent information-based network traffic control for evacuation operations. <i>Transportation Research Part C: Emerging Technologies</i> , 2014 , 48, 339-359	8.4	9
64	Update Strategies for Restricted Master Problems for User Equilibrium Traffic Assignment Problem: Computational Study. <i>Transportation Research Record</i> , 2012 , 2283, 131-142	1.7	9
63	Spatiotemporal vehicle tracking: the use of unsupervised learning-based segmentation and object tracking. <i>IEEE Robotics and Automation Magazine</i> , 2005 , 12, 50-58	3.4	9
62	Estimation of Dynamic Assignment Matrices and OD Demands Using Adaptive Kalman Filtering. <i>Journal of Intelligent Transportation Systems</i> , 2001 , 6, 281-300		9
61	Combined multinomial logit modal split and paired combinatorial logit traffic assignment model. <i>Transportmetrica A: Transport Science</i> , 2018 , 14, 737-760	2.5	8
60	Optimal Heterogeneous Sensor Deployment Strategy for Dynamic Origin-Destination Demand Estimation. <i>Transportation Research Record</i> , 2016 , 2567, 18-27	1.7	8
59	Integrated Framework and Assessment of On-Demand Air Service in Multimodal Context. <i>Journal of Aircraft</i> , 2014 , 51, 402-411	1.6	7
58	Infrastructure Planning, Design, and Management for Big Events. <i>Journal of Infrastructure Systems</i> , 2009 , 15, 1-2	2.9	7
57	Paradigms to Deploy a Behavior-Consistent Approach for Information-Based Real-Time Traffic Routing. <i>Networks and Spatial Economics</i> , 2009 , 9, 217-241	1.9	7
56	Stochastic quasi-gradient algorithm for the off-line stochastic dynamic traffic assignment problem. <i>Transportation Research Part B: Methodological</i> , 2006 , 40, 179-206	7.2	7

55	Evaluation of Mobility Impacts of Advanced Information Systems. <i>Journal of Transportation Engineering</i> , 2000 , 126, 212-220		7
54	. <i>Networks and Spatial Economics</i> , 2002 , 2, 269-294	1.9	7
53	Design of a Multiperiod Tradable Credit Scheme under Vehicular Emissions Caps and Traveler Heterogeneity in Future Credit Price Perception. <i>Journal of Infrastructure Systems</i> , 2020 , 26, 04020030	2.9	6
52	Efficient Data Collection and Accurate Travel Time Estimation in a Connected Vehicle Environment Via Real-Time Compressive Sensing. <i>Journal of Big Data Analytics in Transportation</i> , 2019 , 1, 95-107	1.7	6
51	Cost scaling based successive approximation algorithm for the traffic assignment problem. <i>Transportation Research Part B: Methodological</i> , 2014 , 68, 17-30	7.2	6
50	Experimental analysis of a hybrid route choice model to capture dynamic behavioral phenomena under advanced information systems. <i>KSCE Journal of Civil Engineering</i> , 2011 , 15, 175-185	1.9	6
49	Slope-Based Multipath Flow Update Algorithm for Static User Equilibrium Traffic Assignment Problem. <i>Transportation Research Record</i> , 2010 , 2196, 1-10	1.7	6
48	Impacts of information from various sources on the evacuation decision-making process during no-notice evacuations in campus environment. <i>Journal of Transportation Safety and Security</i> , 2020 , 12, 892-923	1.7	6
47	Long Short-Term Memory-Based Human-Driven Vehicle Longitudinal Trajectory Prediction in a Connected and Autonomous Vehicle Environment. <i>Transportation Research Record</i> , 2021 , 2675, 380-390	1.7	6
46	Analyzing the Potential for High-speed Rail as Part of the Multimodal Transportation System in the United States' Midwest Corridor. <i>International Journal of Transportation Science and Technology</i> , 2014 , 3, 129-148	3.3	5
45	Model and a Solution Algorithm for the Dynamic Resource Allocation Problem for Large-scale Transportation Network Evacuation. <i>Transportation Research Procedia</i> , 2015 , 7, 441-458	2.4	5
44	Strategies to Enhance the Performance of Path-Based Static Traffic Assignment Algorithms. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2014 , 29, 330-341	8.4	5
43	A Distributed Computing Environment for Dynamic Traffic Operations. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 1999 , 14, 239-253	8.4	5
42	Limitations of Simultaneous Gap-Out Logic		5
41	Analytical model for information flow propagation wave under an information relay control strategy in a congested vehicle-to-vehicle communication environment. <i>Transportation Research Procedia</i> , 2017 , 23, 738-757	2.4	4
40	Evaluating the Effects of Switching Period of Communication Topologies and Delays on Electric Connected Vehicles Stream With Car-Following Theory. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 1-11	6.1	4
39	Internal Curing for Concrete Bridge Decks: Integration of a Social Cost Analysis in Evaluation of Long-Term Benefit. <i>Transportation Research Record</i> , 2016 , 2577, 25-34	1.7	4
38	Impacts of Pokhlon GO on route and mode choice decisions: exploring the potential for integrating augmented reality, gamification, and social components in mobile apps to influence travel decisions. <i>Transportation</i> , 2021 , 1-50	4	4

37	Review of Learning-Based Longitudinal Motion Planning for Autonomous Vehicles: Research Gaps Between Self-Driving and Traffic Congestion. <i>Transportation Research Record</i> ,036119812110357	1.7	4
36	Safety and health perceptions of location-based augmented reality gaming app and their implications. <i>Accident Analysis and Prevention</i> , 2021 , 161, 106354	6.1	4
35	Network Design Model to Integrate Shelter Assignment with Contraflow Operations in Emergency Evacuation Planning. <i>Networks and Spatial Economics</i> , 2018 , 18, 1027-1050	1.9	3
34	Modeling of the dynamic flow propagation of multiple units of information under vehicle-to-vehicle communications based advanced traveler information systems. <i>Journal of Intelligent Transportation Systems: Technology, Planning, and Operations</i> , 2017 , 21, 310-323	3.2	3
33	An analytical model to characterize the spatiotemporal propagation of information under vehicle-to-vehicle communications 2014 ,		3
32	Role of Psychological Effects of Real-Time Travel Information Provision on En Route Traveler Route Choice Decisions 2017 ,		3
31	Dynamic Model for System-Level Strategic Intermodal Facility Investment Planning. <i>Transportation Research Record</i> , 2016 , 2548, 24-34	1.7	3
30	A Generalized Flow Splitting Model for Day-to-day Traffic Assignment. <i>Transportation Research Procedia</i> , 2015 , 9, 56-70	2.4	2
29	Modeling Large Scale and Complex Infrastructure Systems as Computable Games 2007 , 53-75		2
28	Limitations of Simultaneous Gap-Out Logic. <i>Transportation Research Record</i> , 2006 , 1978, 42-48	1.7	2
27	Continuous Learning Framework for Freeway Incident Detection. <i>Transportation Research Record</i> , 1998 , 1644, 124-131	1.7	2
26	Evaluating the impacts of situational awareness and mental stress on takeover performance under conditional automation. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2021 , 83, 210-225	4.5	2
25	Paving the way for autonomous Vehicles: Understanding autonomous vehicle adoption and vehicle fuel choice under user heterogeneity. <i>Transportation Research, Part A: Policy and Practice</i> , 2021 , 154, 364-398	3.7	2
24	A Car-Following Model for Connected and Automated Vehicles With Heterogeneous Time Delays Under Fixed and Switching Communication Topologies. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-13	6.1	2
23	Emergency Earthquake Routes; Part I, Criteria for Selection of Primary Routes; and Part II: Route Seismic Vulnerability Aspects		2
22	Highlighting the Driver's Responsibilities When Using Conditional Driving Automation: Effects on Take-over Performance and Monitoring. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2020 , 64, 1996-1996	0.4	2
21	Hybrid route choice model incorporating latent cognitive effects of real-time travel information using physiological data. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2021 , 81, 223-239	4.5	2
20	Cooperative signal-free intersection control using virtual platooning and traffic flow regulation. <i>Transportation Research Part C: Emerging Technologies</i> , 2022 , 138, 103610	8.4	2

19	Long-term User and Community Impacts of High-speed Rail in the United States[Midwest Corridor. <i>International Journal of Transportation Science and Technology</i> , 2014 , 3, 193-210	3.3	1
18	A Quantitative and Systematic Methodology to Investigate Energy Consumption Issues in Multimodal Intercity Transportation Systems. <i>International Journal of Transportation Science and Technology</i> , 2015 , 4, 229-256	3.3	1
17	Macroscopic Modeling of Spatiotemporal Information Flow Propagation Wave under Vehicle-to-Vehicle Communications 2015 ,		1
16	Optimal advance detector location for green termination systems on high-speed isolated rural intersections. <i>Transportation Research Part B: Methodological</i> , 2012 , 46, 1404-1418	7.2	1
15	A Hybrid Deployable Dynamic Traffic Assignment Framework for Robust Online Route Guidance. <i>Networks and Spatial Economics</i> , 2002 , 2, 269-294	1.9	1
14	Evaluating the impacts of driver's pre-warning cognitive state on takeover performance under conditional automation. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2021 , 83, 80-98	4.5	1
13	Low-level Controllers Play a Decisive Role in the String Stability of Adaptive Cruise Control 2021 ,		1
12	Proactive Longitudinal Control of Connected and Autonomous Vehicles with Lane-Change Assistance for Human-Driven Vehicles 2021 ,		1
11	Feedback perimeter control with online estimation of maximum throughput for an incident-affected road network. <i>Journal of Intelligent Transportation Systems: Technology, Planning, and Operations</i> , 2020 , 1-19	3.2	1
10	Online calibration of an integrated framework for information-based evacuation operations. <i>Journal of Advanced Transportation</i> , 2016 , 50, 1531-1553	1.9	1
9	Proactive Longitudinal Control to Manage Disruptive Lane Changes of Human-Driven Vehicles in Mixed-Flow Traffic. <i>IFAC-PapersOnLine</i> , 2021 , 54, 321-326	0.7	1
8	Traffic Equilibrium and Charging Facility Locations for Electric Vehicles 2017 , 17, 435		0
7	Incentive-based decentralized routing for connected and autonomous vehicles using information propagation. <i>Transportation Research Part B: Methodological</i> , 2021 , 149, 138-161	7.2	0
6	Significance of low-level control to string stability under adaptive cruise control: Algorithms, theory and experiments. <i>Transportation Research Part C: Emerging Technologies</i> , 2022 , 140, 103697	8.4	0
5	Robust control strategy for platoon of connected and autonomous vehicles considering falsified information injected through communication links. <i>Journal of Intelligent Transportation Systems: Technology, Planning, and Operations</i> , 1-17	3.2	0
4	Design of income-equitable toll prices for high occupancy toll lanes in a single toll facility. <i>Transportation Planning and Technology</i> , 2016 , 39, 389-406	1.6	
3	System optimum dynamic traffic assignment with departure time choice on two-terminal networks. <i>Transportmetrica A: Transport Science</i> , 2019 , 15, 1734-1761	2.5	
2	On-Line Control Architecture for Enabling Real-Time Traffic System Operations. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2004 , 19, 306-323	8.4	

- 1 Incorporating Driver Relaxation into Factory Adaptive Cruise Control to Reduce Lane-Change Disruptions. *Transportation Research Record*,036119812210855 1.7