

# Kaan Ozbay

## List of Publications by Year in descending order

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Version: 2024-02-01

171  
papers

3,564  
citations

136740

32  
h-index

205818

48  
g-index

172  
all docs

172  
docs citations

172  
times ranked

2624  
citing authors

#	ARTICLE	IF	CITATIONS
1	Derivation and Validation of New Simulation-Based Surrogate Safety Measure. Transportation Research Record, 2008, 2083, 105-113.	1.0	216
2	Empirical analysis of transportation investment and economic development at state, county and municipality levels. Transportation, 2006, 33, 537-551.	2.1	131
3	Estimation of incident clearance times using Bayesian Networks approach. Accident Analysis and Prevention, 2006, 38, 542-555.	3.0	102
4	Overall Impacts of Off-Hour Delivery Programs in New York City Metropolitan Area. Transportation Research Record, 2011, 2238, 68-76.	1.0	93
5	Contribution of transportation investments to county output. Transport Policy, 2007, 14, 317-329.	3.4	88
6	Use of real-world connected vehicle data in identifying high-risk locations based on a new surrogate safety measure. Accident Analysis and Prevention, 2019, 125, 311-319.	3.0	79
7	Analysis of Traffic Crashes Involving Pedestrians Using Big Data: Investigation of Contributing Factors and Identification of Hotspots. Risk Analysis, 2017, 37, 1459-1476.	1.5	78
8	Crash frequency modeling for signalized intersections in a high-density urban road network. Analytic Methods in Accident Research, 2014, 2, 39-51.	4.7	73
9	Quantifying effects of ramp metering on freeway safety. Accident Analysis and Prevention, 2006, 38, 279-288.	3.0	72
10	Using Big Data to Study Resilience of Taxi and Subway Trips for Hurricanes Sandy and Irene. Transportation Research Record, 2016, 2599, 70-80.	1.0	59
11	Time lag effects of COVID-19 policies on transportation systems: A comparative study of New York City and Seattle. Transportation Research, Part A: Policy and Practice, 2021, 145, 269-283.	2.0	56
12	A secure and efficient inventory management system for disasters. Transportation Research Part C: Emerging Technologies, 2013, 29, 171-196.	3.9	55
13	Impact of COVID-19 behavioral inertia on reopening strategies for New York City transit. International Journal of Transportation Science and Technology, 2021, 10, 197-211.	2.0	52
14	Stochastic Humanitarian Inventory Control Model for Disaster Planning. Transportation Research Record, 2007, 2022, 63-75.	1.0	51
15	Impact of Probabilistic Road Capacity Constraints on the Spatial Distribution of Hurricane Evacuation Shelter Capacities. Transportation Research Record, 2007, 2022, 55-62.	1.0	50
16	New Calibration Methodology for Microscopic Traffic Simulation Using Enhanced Simultaneous Perturbation Stochastic Approximation Approach. Transportation Research Record, 2009, 2124, 233-240.	1.0	50
17	Evacuation Network Modeling via Dynamic Traffic Assignment with Probabilistic Demand and Capacity Constraints. Transportation Research Record, 2010, 2196, 11-20.	1.0	50
18	Life-Cycle Cost Analysis: State of the Practice Versus State of the Art. Transportation Research Record, 2004, 1864, 62-70.	1.0	48

#	ARTICLE	IF	CITATIONS
19	Reinforcement-Learning-Based Cooperative Adaptive Cruise Control of Buses in the Lincoln Tunnel Corridor with Time-Varying Topology. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 3796-3805.	4.7	48
20	Estimating Pedestrian Densities, Wait Times, and Flows with Wi-Fi and Bluetooth Sensors. Transportation Research Record, 2017, 2644, 72-82.	1.0	47
21	Emergency inventory management for disastersâ€”A review. Journal of Emergency Management, 2014, 12, 269-286.	0.2	47
22	The time-dependent shortest pair of disjoint paths problem: Complexity, models, and algorithms. Networks, 1998, 31, 259-272.	1.6	45
23	A comparative Full Bayesian before-and-after analysis and application to urban road safety countermeasures in New Jersey. Accident Analysis and Prevention, 2010, 42, 2099-2107.	3.0	45
24	A multivariate spatial approach to model crash counts by injury severity. Accident Analysis and Prevention, 2019, 122, 189-198.	3.0	43
25	Mining automatically extracted vehicle trajectory data for proactive safety analytics. Transportation Research Part C: Emerging Technologies, 2019, 106, 61-72.	3.9	42
26	Estimation of Traffic Conflict Risk for Merging Vehicles on Highway Merge Section. Transportation Research Record, 2011, 2236, 58-65.	1.0	40
27	Assessing the risk of secondary crashes on highways. Journal of Safety Research, 2014, 49, 143.e1-149.	1.7	40
28	Spatial analysis of highway incident durations in the context of Hurricane Sandy. Accident Analysis and Prevention, 2015, 74, 77-86.	3.0	38
29	An RFID-based inventory management framework for emergency relief operations. Transportation Research Part C: Emerging Technologies, 2015, 57, 166-187.	3.9	37
30	Evaluating the resilience and recovery of public transit system using big data: Case study from New Jersey. Journal of Transportation Safety and Security, 2019, 11, 491-519.	1.1	36
31	Impact of Electronic Toll Collection on Air Pollution Levels. Transportation Research Record, 2007, 2011, 68-77.	1.0	35
32	Modeling work zone crash frequency by quantifying measurement errors in work zone length. Accident Analysis and Prevention, 2013, 55, 192-201.	3.0	35
33	Empirical Evacuation Response Curve during Hurricane Irene in Cape May County, New Jersey. Transportation Research Record, 2013, 2376, 1-10.	1.0	35
34	Feedback Ramp Metering in Intelligent Transportation Systems. , 2003, , .		35
35	Evacuation Modelling in the United States: Does the Demand Model Choice Matter?. Transport Reviews, 2008, 28, 757-779.	4.7	34
36	Fusing crash data and surrogate safety measures for safety assessment: Development of a structural equation model with conditional autoregressive spatial effect and random parameters. Accident Analysis and Prevention, 2021, 152, 105971.	3.0	34

#	ARTICLE	IF	CITATIONS
37	A validated multi-agent simulation test bed to evaluate congestion pricing policies on population segments by time-of-day in New York City. <i>Transport Policy</i> , 2021, 101, 145-161.	3.4	33
38	Methodological evolution and frontiers of identifying, modeling and preventing secondary crashes on highways. <i>Accident Analysis and Prevention</i> , 2018, 117, 40-54.	3.0	32
39	Clustering-Based Methodology for Determining Optimal Roadway Configuration of Detectors for Travel Time Estimation. <i>Transportation Research Record</i> , 2007, 2000, 98-105.	1.0	31
40	Hurricane Evacuation Modeling Using Behavior Models and Scenario-Driven Agent-based Simulations. <i>Procedia Computer Science</i> , 2018, 130, 836-843.	1.2	31
41	Modeling Evacuation Behavior Under Hurricane Conditions. <i>Transportation Research Record</i> , 2016, 2599, 63-69.	1.0	30
42	Impact of Traffic Congestion on Bus Travel Time in Northern New Jersey. <i>Transportation Research Record</i> , 2004, 1884, 27-35.	1.0	29
43	Data-Driven Spatial Modeling for Quantifying Networkwide Resilience in the Aftermath of Hurricanes Irene and Sandy. <i>Transportation Research Record</i> , 2017, 2604, 9-18.	1.0	28
44	Applying Bayesian Optimization for Calibration of Transportation Simulation Models. <i>Transportation Research Record</i> , 2020, 2674, 215-228.	1.0	27
45	Predicting Travel Times for the South Jersey Real-Time Motorist Information System. <i>Transportation Research Record</i> , 2003, 1855, 32-40.	1.0	26
46	The New York City Off-Hour Delivery Program: A Business and Community-Friendly Sustainability Program. <i>Interfaces</i> , 2018, 48, 70-86.	1.6	26
47	Use of Deep Learning to Predict Daily Usage of Bike Sharing Systems. <i>Transportation Research Record</i> , 2018, 2672, 92-102.	1.0	25
48	Solution to the user equilibrium dynamic traffic routing problem using feedback linearization. <i>Transportation Research Part B: Methodological</i> , 1998, 32, 343-360.	2.8	24
49	Dynamic Origin-Destination Matrix Prediction with Line Graph Neural Networks and Kalman Filter. <i>Transportation Research Record</i> , 2020, 2674, 491-503.	1.0	24
50	Proactive safety monitoring: A functional approach to detect safety-related anomalies using unmanned aerial vehicle video data. <i>Transportation Research Part C: Emerging Technologies</i> , 2021, 127, 103130.	3.9	23
51	Modeling Route Choice Behavior with Stochastic Learning Automata. <i>Transportation Research Record</i> , 2001, 1752, 38-46.	1.0	22
52	Comprehensive Evaluation of Feedback-Based Freeway Ramp-Metering Strategy by Using Microscopic Simulation: Taking Ramp Queues into Account. <i>Transportation Research Record</i> , 2004, 1867, 89-96.	1.0	22
53	Evacuation Planning with Endogenous Transportation Network Degradations: A Stochastic Cell-Based Model and Solution Procedure. <i>Networks and Spatial Economics</i> , 2015, 15, 677-696.	0.7	22
54	Use of Sensor Data to Identify Secondary Crashes on Freeways. <i>Transportation Research Record</i> , 2013, 2396, 82-92.	1.0	21

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55	Developments in connected and automated vehicles. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2017, 21, 251-254.	2.6	21
56	Evacuation Zone Modeling under Climate Change: A Data-Driven Method. Journal of Infrastructure Systems, 2017, 23, 04017013.	1.0	21
57	Mobility in post-pandemic economic reopening under social distancing guidelines: Congestion, emissions, and contact exposure in public transit. Transportation Research, Part A: Policy and Practice, 2021, 153, 151-170.	2.0	21
58	Virtual Sensors. Transportation Research Record, 2014, 2442, 106-116.	1.0	20
59	Modeling of time-dependent safety performance using anonymized and aggregated smartphone-based dangerous driving event data. Accident Analysis and Prevention, 2019, 132, 105286.	3.0	20
60	Reference-free video-to-real distance approximation-based urban social distancing analytics amid COVID-19 pandemic. Journal of Transport and Health, 2021, 21, 101032.	1.1	20
61	A robust analysis of the impacts of the stay-at-home policy on taxi and Citi Bike usage: A case study of Manhattan. Transport Policy, 2021, 110, 487-498.	3.4	19
62	Nonparametric Bayesian Estimation of Freeway Capacity Distribution from Censored Observations. Transportation Research Record, 2008, 2061, 20-29.	1.0	18
63	Exploring pedestrian Bluetooth and WiFi detection at public transportation terminals. , 2016, , .		18
64	Assessing the impact of urban off-hour delivery program using city scale simulation models. EURO Journal on Transportation and Logistics, 2016, 5, 205-230.	1.3	18
65	Calibration and validation of large-scale traffic simulation networks: a case study. Procedia Computer Science, 2018, 130, 844-849.	1.2	18
66	Secondary collisions and injury severity: A joint analysis using structural equation models. Traffic Injury Prevention, 2018, 19, 189-194.	0.6	18
67	South Jersey Real-Time Motorist Information System: Technology and Practice. Transportation Research Record, 2004, 1886, 68-75.	1.0	17
68	An Investigation on the Aggregate Behavior of Firm Relocations to New Jersey (1990â€“1999) and the Underlying Market Elasticities. Networks and Spatial Economics, 2005, 5, 293-331.	0.7	17
69	Use of Regional Transportation Planning Tool for Modeling Emergency Evacuation: Case Study of Northern New Jersey. Transportation Research Record, 2012, 2312, 89-97.	1.0	17
70	The impacts of time of day pricing on car user behavior: findings from the Port Authority of New York and New Jerseyâ€™s initiative. Transportation, 2011, 38, 427-443.	2.1	16
71	Dynamic data maintenance for quality data, quality research. International Journal of Information Management, 2012, 32, 282-293.	10.5	16
72	Adaptive Learning in Bayesian Networks for Incident Duration Prediction. Transportation Research Record, 2014, 2460, 77-85.	1.0	16

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73	Extended Implementation Method for Virtual Sensors: Web-Based Real-Time Transportation Data Collection and Analysis for Incident Management. <i>Transportation Research Record</i> , 2015, 2528, 27-37.	1.0	16
74	Effects of Hurricanes Irene and Sandy in New Jersey: traffic patterns and highway disruptions during evacuations. <i>Natural Hazards</i> , 2015, 78, 2081-2107.	1.6	16
75	Development of Online Scalable Approach for Identifying Secondary Crashes. <i>Transportation Research Record</i> , 2014, 2470, 24-33.	1.0	16
76	Harnessing the Power of Microscopic Simulation to Evaluate Freeway Service Patrols. <i>Journal of Transportation Engineering</i> , 2009, 135, 427-439.	0.9	15
77	A New Methodology for Before-After Safety Assessment Using Survival Analysis and Longitudinal Data. <i>Risk Analysis</i> , 2019, 39, 1342-1357.	1.5	15
78	Preliminary Results of Experimental Economics Application to Urban Goods Modeling Research. <i>Transportation Research Record</i> , 2004, 1873, 9-16.	1.0	14
79	Feedback Control Solutions to Network Level User-Equilibrium Real-Time Dynamic Traffic Assignment Problems. <i>Networks and Spatial Economics</i> , 2005, 5, 243-260.	0.7	14
80	Evaluation of Impacts of Time-of-Day Pricing Initiative on Car and Truck Traffic. <i>Transportation Research Record</i> , 2006, 1960, 48-56.	1.0	14
81	Development of a comprehensive framework for video-based safety assessment. , 2016, , .		14
82	Case Study-Based Evaluation of Stochastic Multicommodity Emergency Inventory Management Model. <i>Transportation Research Record</i> , 2012, 2283, 12-24.	1.0	13
83	Probabilistic programming models for traffic incident management operations planning. <i>Annals of Operations Research</i> , 2013, 203, 389-406.	2.6	13
84	Modeling Safety Impacts of Off-Hour Delivery Programs in Urban Areas. <i>Transportation Research Record</i> , 2015, 2478, 19-27.	1.0	13
85	Multiscale Modeling and Control Architecture for V2X Enabled Traffic Streams. <i>IEEE Transactions on Vehicular Technology</i> , 2017, 66, 4616-4626.	3.9	13
86	Developments in connected and automated vehicles. <i>Journal of Intelligent Transportation Systems: Technology, Planning, and Operations</i> , 2018, 22, 187-189.	2.6	13
87	Determining the Optimal Configuration of Highway Routes for Real-Time Traffic Information: A Case Study. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2010, 11, 225-231.	4.7	12
88	Exploring the Spatial Dependence and Selection Bias of Double Parking Citations Data. <i>Transportation Research Record</i> , 2018, 2672, 159-169.	1.0	11
89	Modeling of Network Level System-Optimal Real-Time Dynamic Traffic Routing Problem Using Nonlinear H <sub>∞</sub> Feedback Control Theoretic Approach. <i>Journal of Intelligent Transportation Systems: Technology, Planning, and Operations</i> , 2006, 10, 159-171.	2.6	10
90	Quantifying Transportation Benefits of Transit-Oriented Development in New Jersey. <i>Transportation Research Record</i> , 2014, 2417, 111-120.	1.0	10

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91	ESTIMATION OF ECONOMIC IMPACT OF VMS ROUTE GUIDANCE USING MICROSIMULATION. Research in Transportation Economics, 2004, 8, 215-241.	2.2	9
92	Modeling and Simulation of Unconventional Traffic Circles. Transportation Research Record, 2006, 1965, 201-209.	1.0	9
93	A Comparative Methodology for Estimating the Capacity of a Freeway Section. , 2007, , .		9
94	Impacts of Gasoline Prices on New Jersey Transit Ridership. Transportation Research Record, 2010, 2144, 52-61.	1.0	9
95	Evaluation of Link Criticality for Day-to-Day Degradable Transportation Networks. Transportation Research Record, 2012, 2284, 117-124.	1.0	9
96	Highway versus Urban Roads. Transportation Research Record, 2014, 2442, 53-61.	1.0	9
97	Comparison of Mode Cost by Time of Day for Nondriving Airport Trips to and from New York City's Pennsylvania Station. Transportation Research Record, 2014, 2449, 34-44.	1.0	9
98	Data visualization tool for monitoring transit operation and performance. , 2017, , .		9
99	Modeling bicycle crash costs using big data: A grid-cell-based Tobit model with random parameters. Journal of Transport Geography, 2021, 91, 102953.	2.3	9
100	Impact of Social Media on Travel Behaviors during the COVID-19 Pandemic: Evidence from New York City. Transportation Research Record, 2023, 2677, 219-238.	1.0	9
101	Enhancing the Quality of Infrared-Based Automatic Pedestrian Sensor Data by Nonparametric Statistical Method. Transportation Research Record, 2011, 2264, 11-17.	1.0	8
102	Effects of Open Road Tolling on Safety Performance of Freeway Mainline Toll Plazas. Transportation Research Record, 2012, 2324, 101-109.	1.0	8
103	Operational impacts of incident quick clearance legislation: a simulation analysis. Journal of Advanced Transportation, 2012, 46, 1-11.	0.9	8
104	Assessing the Safety Effects of Removing Highway Mainline Barrier Toll Plazas. Journal of Transportation Engineering, 2014, 140, .	0.9	8
105	Crowdsourcing Incident Information for Emergency Response using Open Data Sources in Smart Cities. Transportation Research Record, 2018, 2672, 198-208.	1.0	8
106	Copula-based joint modeling of crash count and conflict risk measures with accommodation of mixed count-continuous margins. Analytic Methods in Accident Research, 2021, 31, 100162.	4.7	8
107	Fuzzy Feedback Control for Real-Time Dynamic Traffic Routing: User Equilibrium Model Formulations and Controller Design. Transportation Research Record, 1996, 1556, 137-146.	1.0	7
108	Theoretical Derivation of Value of Travel Time and Demand Elasticity. Transportation Research Record, 2006, 1985, 248-256.	1.0	7

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109	Simple Approach to Estimating Changes in Toll Plaza Delays. Transportation Research Record, 2008, 2047, 66-74.	1.0	7
110	Simultaneous Perturbation Stochastic Approximation Algorithm for Solving Stochastic Problems of Transportation Network Analysis. Transportation Research Record, 2008, 2085, 12-20.	1.0	7
111	Modeling of Bus Transit Driver Availability for Effective Emergency Evacuation in Disaster Relief. Transportation Research Record, 2013, 2376, 45-55.	1.0	7
112	New Jersey Turnpike Time-of-Day Pricing Initiative's Behavioral Impacts. Transportation Research Record, 2007, 2010, 53-61.	1.0	6
113	A Clustering Based Methodology for Determining the Optimal Roadway Configuration of Detectors for Travel Time Estimation. Intelligent Vehicles Symposium, 2009 IEEE, 2007, , .	0.0	6
114	Evaluating Highway Capacity Investments Using a Geographic Information Systems-Based Tool. Transportation Research Record, 2007, 2024, 44-53.	1.0	6
115	Analytic Hierarchy Process to Improve Simple Bridge Security Checklist. Transportation Research Record, 2012, 2313, 201-207.	1.0	6
116	ASSIST-ME. Transportation Research Record, 2013, 2399, 63-73.	1.0	6
117	Evaluation of a Methodology for Scalable Dynamic Vehicular Ad Hoc Networks in a Well-Calibrated Test Bed for Vehicular Mobility. Transportation Research Record, 2013, 2381, 54-64.	1.0	6
118	Hurricane Irene Evacuation Traffic Patterns in New Jersey. Natural Hazards Review, 2015, 16, 05014006.	0.8	6
119	TREAD: Privacy Preserving Incentivized Connected Vehicle Mobility Data Storage on InterPlanetary-File-System-Enabled Blockchain. Transportation Research Record, 2022, 2676, 680-691.	1.0	6
120	A functional approach for characterizing safety risk of signalized intersections at the movement level: An exploratory analysis. Accident Analysis and Prevention, 2021, 163, 106446.	3.0	6
121	Simulation of Vehicles' Gap Acceptance Decision at Unsignalized Intersections Using SUMO. Procedia Computer Science, 2022, 201, 321-329.	1.2	6
122	Application of Stochastic Learning Automata for Modeling Departure Time and Route Choice Behavior. Transportation Research Record, 2002, 1807, 154-162.	1.0	5
123	Toward a Comprehensive Policy of Nighttime Construction Work. Transportation Research Record, 2003, 1861, 117-124.	1.0	5
124	Impact of Buses on Highway Infrastructure: Case Study for New Jersey State. Transportation Research Record, 2003, 1841, 32-40.	1.0	5
125	Evaluation of Combined Traffic Impacts of Time-of-Day Pricing Program and E-ZPass Usage on New Jersey Turnpike. Transportation Research Record, 2006, 1960, 40-47.	1.0	5
126	Feasibility of Traffic Simulation for Decision Support in Real-Time Regional Traffic Management. Transportation Research Record, 2007, 2035, 169-176.	1.0	5



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127	Manual of Guidelines for Inspection and Maintenance of Intelligent Transportation Systems. Transportation Research Record, 2009, 2129, 90-100.	1.0	5
128	Ex Post Evaluation of Calibrated Simulation Models of Significantly Different Future Systems. Transportation Research Record, 2010, 2161, 49-56.	1.0	5
129	Robust Calibration of Macroscopic Traffic Simulation Models Using Stochastic Collocation. Transportation Research Procedia, 2015, 9, 1-20.	0.8	5
130	Estimating Uncertainty of Work Zone Capacity using Neural Network Models. Transportation Research Record, 2019, 2673, 49-59.	1.0	5
131	Combined Longitudinal and Lateral Control of Autonomous Vehicles based on Reinforcement Learning. , 2021, , .		5
132	A new curb lane monitoring and illegal parking impact estimation approach based on queueing theory and computer vision for cameras with low resolution and low frame rate. Transportation Research, Part A: Policy and Practice, 2022, 162, 137-154.	2.0	5
133	An RFID-based inventory management framework for efficient emergency relief operations. , 2012, , .		4
134	Feature Selection for Ranking of Most Influential Variables for Evacuation Behavior Modeling Across Disasters. Transportation Research Record, 2016, 2599, 24-32.	1.0	4
135	Evaluation framework for mobile ticketing applications in public transit: a case study. IET Intelligent Transport Systems, 2018, 12, 1166-1173.	1.7	4
136	Stochastic Multi-Objective Optimization-Based Life Cycle Cost Analysis for New Construction Materials and Technologies. Transportation Research Record, 2019, 2673, 466-479.	1.0	4
137	Reinforcement Learning for Vision-Based Lateral Control of a Self-Driving Car. , 2019, , .		4
138	Public Concerns and Response Pattern toward Shared Mobility Security using Social Media Data. , 2019, , .		4
139	Evaluation and Selection of Adaptive Traffic Control Strategies on Transportation Networks. Transportation Research Record, 2008, 2064, 51-64.	1.0	3
140	Interactive Lane Closure and Traffic Information Tool Based on a Geographic Information System. Transportation Research Record, 2012, 2272, 44-55.	1.0	3
141	Improved Travel Time Estimation for Reliable Performance Measure Development for Closed Highways. Transportation Research Record, 2015, 2526, 29-38.	1.0	3
142	Application of Bayesian Stochastic Learning Automata for Modeling Lane Choice Behavior on High-Occupancy Toll Lanes on State Road 167. Transportation Research Record, 2016, 2560, 97-107.	1.0	3
143	Mapping of truck traffic in New Jersey using weighâ€inâ€motion data. IET Intelligent Transport Systems, 2018, 12, 1053-1061.	1.7	3
144	Is Additive Utility Function Always a Sufficient Method in the Project Prioritization Process? Bridge Management Perspective. Transportation Research Record, 2019, 2673, 284-294.	1.0	3

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145	Extracting Horizontal Curvature Data from GIS Maps: Clustering Method. Transportation Research Record, 2019, 2673, 264-275.	1.0	3
146	Spatial-Dynamic Matching Equilibrium Models of New York City Taxi and Uber Markets. Journal of Transportation Engineering Part A: Systems, 2021, 147, .	0.8	3
147	REIP: A Reconfigurable Environmental Intelligence Platform and Software Framework for Fast Sensor Network Prototyping. Sensors, 2022, 22, 3809.	2.1	3
148	Analysis of Time-of-Day Pricing Impacts at Port Authority of New York and New Jersey Facilities. Transportation Research Record, 2005, 1932, 109-118.	1.0	2
149	Importance of Information Collection and Dissemination for Evacuation Modeling and Management. , 2007, , .		2
150	Comparison of real-time travel time estimation using two distinct approaches: Universal kriging and mathematical programming. , 2011, , .		2
151	Evaluation of Incident Management Impacts Using Stochastic Dynamic Traffic Assignment. Transportation Research Procedia, 2015, 10, 186-196.	0.8	2
152	Modeling of Incident-Induced Capacity Loss for Hurricane Evacuation Simulation. , 2019, , .		2
153	Modeling and Analysis of Optimal Strategies for Leveraging Ride-Sourcing Services in Hurricane Evacuation. Sustainability, 2021, 13, 4444.	1.6	2
154	Automatic Identification of Roadway Horizontal Alignment Information Using Geographic Information System Data: <i>CurvS</i> Tool. Transportation Research Record, 2022, 2676, 532-543.	1.0	2
155	Web-Based Expert Geographical Information System for Advanced Transportation Management Systems. Transportation Research Record, 2000, 1719, 200-208.	1.0	2
156	Information technology requirements for intelligent evacuation systems. World Review of Intermodal Transportation Research, 2009, 2, 127.	0.2	1
157	Value of Schedule Delays by Time of Day. Transportation Research Record, 2015, 2495, 42-52.	1.0	1
158	Work Zone Coordination Software Tool. Transportation Research Record, 2017, 2617, 60-70.	1.0	1
159	Modeling Salt Usage During Snowstorms. Transportation Research Record, 2017, 2643, 54-64.	1.0	1
160	Design, Implementation and Testing of a New Mobile Multi-Function Sensing Device for Identifying High-Risk Areas for Bicyclists in Highly Congested Urban Streets. Procedia Computer Science, 2019, 155, 218-225.	1.2	1
161	Exploring Spatial and Temporal Patterns of Large-scale Smartphone-based Dangerous Driving Event Data* . , 2019, , .		1
162	A Novel Methodology of Time Dependent Mean Field Based Multilayer Unsupervised Anomaly Detection Using Traffic Surveillance Videos. , 2019, , .		1

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163	How People View and Respond to Special Events in Shared Mobility: Case Study of Two Didi Safety Incidents via Sina Weibo. , 2020, , .		1
164	Modeling and Simulation of Cascading Failures in Transportation Systems during Hurricane Evacuations. Journal of Advanced Transportation, 2021, 2021, 1-12.	0.9	1
165	A supervised switching-mode observer of traffic state and parameters and application to adaptive ramp metering. Transportmetrica A: Transport Science, 2022, 18, 1178-1206.	1.3	1
166	Analysis of Overweight Truck Permit Policy in New Jersey. Transportation Research Record, 0, , 036119812110266.	1.0	1
167	An efficient maintenance and spare parts inventory management software for ITS equipment. , 2012, , .		0
168	Analytical modeling of vehicle-to-vehicle communication using spread of infection models. , 2012, , .		0
169	Review and assessment of the New Jersey freight assistance program. Research in Transportation Economics, 2019, 77, 100742.	2.2	0
170	SAVE-T: Safety Analysis Visualization and Evaluation Tool. Journal of Advanced Transportation, 2021, 2021, 1-12.	0.9	0
171	Network Modeling of Hurricane Evacuation Using Data-Driven Demand and Incident-Induced Capacity Loss Models. Journal of Advanced Transportation, 2021, 2021, 1-14.	0.9	0