

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
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172
all docs

172
docs citations

172
times ranked

2624
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Social Media on Travel Behaviors during the COVID-19 Pandemic: Evidence from New York City. <i>Transportation Research Record</i> , 2023, 2677, 219-238.	1.0	9
2	A supervised switching-mode observer of traffic state and parameters and application to adaptive ramp metering. <i>Transportmetrica A: Transport Science</i> , 2022, 18, 1178-1206.	1.3	1
3	Automatic Identification of Roadway Horizontal Alignment Information Using Geographic Information System Data: <i>CurvS</i> Tool. <i>Transportation Research Record</i> , 2022, 2676, 532-543.	1.0	2
4	TREAD: Privacy Preserving Incentivized Connected Vehicle Mobility Data Storage on InterPlanetary-File-System-Enabled Blockchain. <i>Transportation Research Record</i> , 2022, 2676, 680-691.	1.0	6
5	Simulation of Vehiclesâ€™ Gap Acceptance Decision at Unsignalized Intersections Using SUMO. <i>Procedia Computer Science</i> , 2022, 201, 321-329.	1.2	6
6	REIP: A Reconfigurable Environmental Intelligence Platform and Software Framework for Fast Sensor Network Prototyping. <i>Sensors</i> , 2022, 22, 3809.	2.1	3
7	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. <i>Transportation Research, Part A: Policy and Practice</i> , 2022, 162, 137-154.	2.0	5
8	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
9	Modeling bicycle crash costs using big data: A grid-cell-based Tobit model with random parameters. <i>Journal of Transport Geography</i> , 2021, 91, 102953.	2.3	9
10	Fusing crash data and surrogate safety measures for safety assessment: Development of a structural equation model with conditional autoregressive spatial effect and random parameters. <i>Accident Analysis and Prevention</i> , 2021, 152, 105971.	3.0	34
11	Time lag effects of COVID-19 policies on transportation systems: A comparative study of New York City and Seattle. <i>Transportation Research, Part A: Policy and Practice</i> , 2021, 145, 269-283.	2.0	56
12	Modeling and Analysis of Optimal Strategies for Leveraging Ride-Sourcing Services in Hurricane Evacuation. <i>Sustainability</i> , 2021, 13, 4444.	1.6	2
13	Modeling and Simulation of Cascading Failures in Transportation Systems during Hurricane Evacuations. <i>Journal of Advanced Transportation</i> , 2021, 2021, 1-12.	0.9	1
14	Combined Longitudinal and Lateral Control of Autonomous Vehicles based on Reinforcement Learning. , 2021, , .		5
15	Impact of COVID-19 behavioral inertia on reopening strategies for New York City transit. <i>International Journal of Transportation Science and Technology</i> , 2021, 10, 197-211.	2.0	52
16	Reference-free video-to-real distance approximation-based urban social distancing analytics amid COVID-19 pandemic. <i>Journal of Transport and Health</i> , 2021, 21, 101032.	1.1	20
17	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
18	SAVE-T: Safety Analysis Visualization and Evaluation Tool. <i>Journal of Advanced Transportation</i> , 2021, 2021, 1-12.	0.9	0

#	ARTICLE	IF	CITATIONS
19	Network Modeling of Hurricane Evacuation Using Data-Driven Demand and Incident-Induced Capacity Loss Models. <i>Journal of Advanced Transportation</i> , 2021, 2021, 1-14.	0.9	0
20	Spatial-Dynamic Matching Equilibrium Models of New York City Taxi and Uber Markets. <i>Journal of Transportation Engineering Part A: Systems</i> , 2021, 147, .	0.8	3
21	Copula-based joint modeling of crash count and conflict risk measures with accommodation of mixed count-continuous margins. <i>Analytic Methods in Accident Research</i> , 2021, 31, 100162.	4.7	8
22	A robust analysis of the impacts of the stay-at-home policy on taxi and Citi Bike usage: A case study of Manhattan. <i>Transport Policy</i> , 2021, 110, 487-498.	3.4	19
23	Mobility in post-pandemic economic reopening under social distancing guidelines: Congestion, emissions, and contact exposure in public transit. <i>Transportation Research, Part A: Policy and Practice</i> , 2021, 153, 151-170.	2.0	21
24	A functional approach for characterizing safety risk of signalized intersections at the movement level: An exploratory analysis. <i>Accident Analysis and Prevention</i> , 2021, 163, 106446.	3.0	6
25	How People View and Respond to Special Events in Shared Mobility: Case Study of Two Didi Safety Incidents via Sina Weibo. , 2020, , .		1
26	Applying Bayesian Optimization for Calibration of Transportation Simulation Models. <i>Transportation Research Record</i> , 2020, 2674, 215-228.	1.0	27
27	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
28	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
29	Use of real-world connected vehicle data in identifying high-risk locations based on a new surrogate safety measure. <i>Accident Analysis and Prevention</i> , 2019, 125, 311-319.	3.0	79
30	Mining automatically extracted vehicle trajectory data for proactive safety analytics. <i>Transportation Research Part C: Emerging Technologies</i> , 2019, 106, 61-72.	3.9	42
31	Is Additive Utility Function Always a Sufficient Method in the Project Prioritization Process? Bridge Management Perspective. <i>Transportation Research Record</i> , 2019, 2673, 284-294.	1.0	3
32	Design, Implementation and Testing of a New Mobile Multi-Function Sensing Device for Identifying High-Risk Areas for Bicyclists in Highly Congested Urban Streets. <i>Procedia Computer Science</i> , 2019, 155, 218-225.	1.2	1
33	Modeling of time-dependent safety performance using anonymized and aggregated smartphone-based dangerous driving event data. <i>Accident Analysis and Prevention</i> , 2019, 132, 105286.	3.0	20
34	Estimating Uncertainty of Work Zone Capacity using Neural Network Models. <i>Transportation Research Record</i> , 2019, 2673, 49-59.	1.0	5
35	Extracting Horizontal Curvature Data from GIS Maps: Clustering Method. <i>Transportation Research Record</i> , 2019, 2673, 264-275.	1.0	3
36	Stochastic Multi-Objective Optimization-Based Life Cycle Cost Analysis for New Construction Materials and Technologies. <i>Transportation Research Record</i> , 2019, 2673, 466-479.	1.0	4

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37	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
38	Exploring Spatial and Temporal Patterns of Large-scale Smartphone-based Dangerous Driving Event Data*. , 2019, , .		1
39	Reinforcement Learning for Vision-Based Lateral Control of a Self-Driving Car. , 2019, , .		4
40	A Novel Methodology of Time Dependent Mean Field Based Multilayer Unsupervised Anomaly Detection Using Traffic Surveillance Videos. , 2019, , .		1
41	Modeling of Incident-Induced Capacity Loss for Hurricane Evacuation Simulation. , 2019, , .		2
42	Review and assessment of the New Jersey freight assistance program. Research in Transportation Economics, 2019, 77, 100742.	2.2	0
43	Public Concerns and Response Pattern toward Shared Mobility Security using Social Media Data. , 2019, , .		4
44	A multivariate spatial approach to model crash counts by injury severity. Accident Analysis and Prevention, 2019, 122, 189-198.	3.0	43
45	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
46	The New York City Off-Hour Delivery Program: A Business and Community-Friendly Sustainability Program. Interfaces, 2018, 48, 70-86.	1.6	26
47	Methodological evolution and frontiers of identifying, modeling and preventing secondary crashes on highways. Accident Analysis and Prevention, 2018, 117, 40-54.	3.0	32
48	Calibration and validation of large-scale traffic simulation networks: a case study. Procedia Computer Science, 2018, 130, 844-849.	1.2	18
49	Secondary collisions and injury severity: A joint analysis using structural equation models. Traffic Injury Prevention, 2018, 19, 189-194.	0.6	18
50	Hurricane Evacuation Modeling Using Behavior Models and Scenario-Driven Agent-based Simulations. Procedia Computer Science, 2018, 130, 836-843.	1.2	31
51	Mapping of truck traffic in New Jersey using weighâ€nâ€motion data. IET Intelligent Transport Systems, 2018, 12, 1053-1061.	1.7	3
52	Evaluation framework for mobile ticketing applications in public transit: a case study. IET Intelligent Transport Systems, 2018, 12, 1166-1173.	1.7	4
53	Crowdsourcing Incident Information for Emergency Response using Open Data Sources in Smart Cities. Transportation Research Record, 2018, 2672, 198-208.	1.0	8
54	Use of Deep Learning to Predict Daily Usage of Bike Sharing Systems. Transportation Research Record, 2018, 2672, 92-102.	1.0	25

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55	Exploring the Spatial Dependence and Selection Bias of Double Parking Citations Data. Transportation Research Record, 2018, 2672, 159-169.	1.0	11
56	Developments in connected and automated vehicles. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2018, 22, 187-189.	2.6	13
57	Multiscale Modeling and Control Architecture for V2X Enabled Traffic Streams. IEEE Transactions on Vehicular Technology, 2017, 66, 4616-4626.	3.9	13
58	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
59	Developments in connected and automated vehicles. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2017, 21, 251-254.	2.6	21
60	Estimating Pedestrian Densities, Wait Times, and Flows with Wi-Fi and Bluetooth Sensors. Transportation Research Record, 2017, 2644, 72-82.	1.0	47
61	Data-Driven Spatial Modeling for Quantifying Networkwide Resilience in the Aftermath of Hurricanes Irene and Sandy. Transportation Research Record, 2017, 2604, 9-18.	1.0	28
62	Work Zone Coordination Software Tool. Transportation Research Record, 2017, 2617, 60-70.	1.0	1
63	Evacuation Zone Modeling under Climate Change: A Data-Driven Method. Journal of Infrastructure Systems, 2017, 23, 04017013.	1.0	21
64	Modeling Salt Usage During Snowstorms. Transportation Research Record, 2017, 2643, 54-64.	1.0	1
65	Data visualization tool for monitoring transit operation and performance. , 2017, , .		9
66	Feature Selection for Ranking of Most Influential Variables for Evacuation Behavior Modeling Across Disasters. Transportation Research Record, 2016, 2599, 24-32.	1.0	4
67	Modeling Evacuation Behavior Under Hurricane Conditions. Transportation Research Record, 2016, 2599, 63-69.	1.0	30
68	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
69	Exploring pedestrian Bluetooth and WiFi detection at public transportation terminals. , 2016, , .		18
70	Development of a comprehensive framework for video-based safety assessment. , 2016, , .		14
71	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
72	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

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73	Value of Schedule Delays by Time of Day. Transportation Research Record, 2015, 2495, 42-52.	1.0	1
74	Robust Calibration of Macroscopic Traffic Simulation Models Using Stochastic Collocation. Transportation Research Procedia, 2015, 9, 1-20.	0.8	5
75	Hurricane Irene Evacuation Traffic Patterns in New Jersey. Natural Hazards Review, 2015, 16, 05014006.	0.8	6
76	Evaluation of Incident Management Impacts Using Stochastic Dynamic Traffic Assignment. Transportation Research Procedia, 2015, 10, 186-196.	0.8	2
77	Improved Travel Time Estimation for Reliable Performance Measure Development for Closed Highways. Transportation Research Record, 2015, 2526, 29-38.	1.0	3
78	Extended Implementation Method for Virtual Sensors: Web-Based Real-Time Transportation Data Collection and Analysis for Incident Management. Transportation Research Record, 2015, 2528, 27-37.	1.0	16
79	Modeling Safety Impacts of Off-Hour Delivery Programs in Urban Areas. Transportation Research Record, 2015, 2478, 19-27.	1.0	13
80	An RFID-based inventory management framework for emergency relief operations. Transportation Research Part C: Emerging Technologies, 2015, 57, 166-187.	3.9	37
81	Effects of Hurricanes Irene and Sandy in New Jersey: traffic patterns and highway disruptions during evacuations. Natural Hazards, 2015, 78, 2081-2107.	1.6	16
82	Spatial analysis of highway incident durations in the context of Hurricane Sandy. Accident Analysis and Prevention, 2015, 74, 77-86.	3.0	38
83	Evacuation Planning with Endogenous Transportation Network Degradations: A Stochastic Cell-Based Model and Solution Procedure. Networks and Spatial Economics, 2015, 15, 677-696.	0.7	22
84	Assessing the Safety Effects of Removing Highway Mainline Barrier Toll Plazas. Journal of Transportation Engineering, 2014, 140, .	0.9	8
85	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
86	Assessing the risk of secondary crashes on highways. Journal of Safety Research, 2014, 49, 143.e1-149.	1.7	40
87	Highway versus Urban Roads. Transportation Research Record, 2014, 2442, 53-61.	1.0	9
88	Adaptive Learning in Bayesian Networks for Incident Duration Prediction. Transportation Research Record, 2014, 2460, 77-85.	1.0	16
89	Virtual Sensors. Transportation Research Record, 2014, 2442, 106-116.	1.0	20
90	Quantifying Transportation Benefits of Transit-Oriented Development in New Jersey. Transportation Research Record, 2014, 2417, 111-120.	1.0	10

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91	Comparison of Mode Cost by Time of Day for Nondriving Airport Trips to and from New York City's Pennsylvania Station. <i>Transportation Research Record</i> , 2014, 2449, 34-44.	1.0	9
92	Development of Online Scalable Approach for Identifying Secondary Crashes. <i>Transportation Research Record</i> , 2014, 2470, 24-33.	1.0	16
93	Emergency inventory management for disastersâ€”A review. <i>Journal of Emergency Management</i> , 2014, 12, 269-286.	0.2	47
94	A secure and efficient inventory management system for disasters. <i>Transportation Research Part C: Emerging Technologies</i> , 2013, 29, 171-196.	3.9	55
95	Modeling work zone crash frequency by quantifying measurement errors in work zone length. <i>Accident Analysis and Prevention</i> , 2013, 55, 192-201.	3.0	35
96	Probabilistic programming models for traffic incident management operations planning. <i>Annals of Operations Research</i> , 2013, 203, 389-406.	2.6	13
97	ASSIST-ME. <i>Transportation Research Record</i> , 2013, 2399, 63-73.	1.0	6
98	Modeling of Bus Transit Driver Availability for Effective Emergency Evacuation in Disaster Relief. <i>Transportation Research Record</i> , 2013, 2376, 45-55.	1.0	7
99	Evaluation of a Methodology for Scalable Dynamic Vehicular Ad Hoc Networks in a Well-Calibrated Test Bed for Vehicular Mobility. <i>Transportation Research Record</i> , 2013, 2381, 54-64.	1.0	6
100	Use of Sensor Data to Identify Secondary Crashes on Freeways. <i>Transportation Research Record</i> , 2013, 2396, 82-92.	1.0	21
101	Empirical Evacuation Response Curve during Hurricane Irene in Cape May County, New Jersey. <i>Transportation Research Record</i> , 2013, 2376, 1-10.	1.0	35
102	Interactive Lane Closure and Traffic Information Tool Based on a Geographic Information System. <i>Transportation Research Record</i> , 2012, 2272, 44-55.	1.0	3
103	Analytic Hierarchy Process to Improve Simple Bridge Security Checklist. <i>Transportation Research Record</i> , 2012, 2313, 201-207.	1.0	6
104	Evaluation of Link Criticality for Day-to-Day Degradable Transportation Networks. <i>Transportation Research Record</i> , 2012, 2284, 117-124.	1.0	9
105	Use of Regional Transportation Planning Tool for Modeling Emergency Evacuation: Case Study of Northern New Jersey. <i>Transportation Research Record</i> , 2012, 2312, 89-97.	1.0	17
106	Case Studyâ€”Based Evaluation of Stochastic Multicommodity Emergency Inventory Management Model. <i>Transportation Research Record</i> , 2012, 2283, 12-24.	1.0	13
107	An RFID-based inventory management framework for efficient emergency relief operations. , 2012, , .		4
108	An efficient maintenance and spare parts inventory management software for ITS equipment. , 2012, , .		0

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109	Analytical modeling of vehicle-to-vehicle communication using spread of infection models. , 2012, , .		0
110	Dynamic data maintenance for quality data, quality research. International Journal of Information Management, 2012, 32, 282-293.	10.5	16
111	Effects of Open Road Tolling on Safety Performance of Freeway Mainline Toll Plazas. Transportation Research Record, 2012, 2324, 101-109.	1.0	8
112	Operational impacts of incident quick clearance legislation: a simulation analysis. Journal of Advanced Transportation, 2012, 46, 1-11.	0.9	8
113	Comparison of real-time travel time estimation using two distinct approaches: Universal kriging and mathematical programming. , 2011, , .		2
114	Enhancing the Quality of Infrared-Based Automatic Pedestrian Sensor Data by Nonparametric Statistical Method. Transportation Research Record, 2011, 2264, 11-17.	1.0	8
115	Estimation of Traffic Conflict Risk for Merging Vehicles on Highway Merge Section. Transportation Research Record, 2011, 2236, 58-65.	1.0	40
116	The impacts of time of day pricing on car user behavior: findings from the Port Authority of New York and New Jersey's initiative. Transportation, 2011, 38, 427-443.	2.1	16
117	Overall Impacts of Off-Hour Delivery Programs in New York City Metropolitan Area. Transportation Research Record, 2011, 2238, 68-76.	1.0	93
118	Impacts of Gasoline Prices on New Jersey Transit Ridership. Transportation Research Record, 2010, 2144, 52-61.	1.0	9
119	Ex Post Evaluation of Calibrated Simulation Models of Significantly Different Future Systems. Transportation Research Record, 2010, 2161, 49-56.	1.0	5
120	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
121	Evacuation Network Modeling via Dynamic Traffic Assignment with Probabilistic Demand and Capacity Constraints. Transportation Research Record, 2010, 2196, 11-20.	1.0	50
122	Determining the Optimal Configuration of Highway Routes for Real-Time Traffic Information: A Case Study. IEEE Transactions on Intelligent Transportation Systems, 2010, 11, 225-231.	4.7	12
123	New Calibration Methodology for Microscopic Traffic Simulation Using Enhanced Simultaneous Perturbation Stochastic Approximation Approach. Transportation Research Record, 2009, 2124, 233-240.	1.0	50
124	Harnessing the Power of Microscopic Simulation to Evaluate Freeway Service Patrols. Journal of Transportation Engineering, 2009, 135, 427-439.	0.9	15
125	Information technology requirements for intelligent evacuation systems. World Review of Intermodal Transportation Research, 2009, 2, 127.	0.2	1
126	Manual of Guidelines for Inspection and Maintenance of Intelligent Transportation Systems. Transportation Research Record, 2009, 2129, 90-100.	1.0	5

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127	Derivation and Validation of New Simulation-Based Surrogate Safety Measure. Transportation Research Record, 2008, 2083, 105-113.	1.0	216
128	Evacuation Modelling in the United States: Does the Demand Model Choice Matter?. Transport Reviews, 2008, 28, 757-779.	4.7	34
129	Simple Approach to Estimating Changes in Toll Plaza Delays. Transportation Research Record, 2008, 2047, 66-74.	1.0	7
130	Simultaneous Perturbation Stochastic Approximation Algorithm for Solving Stochastic Problems of Transportation Network Analysis. Transportation Research Record, 2008, 2085, 12-20.	1.0	7
131	Nonparametric Bayesian Estimation of Freeway Capacity Distribution from Censored Observations. Transportation Research Record, 2008, 2061, 20-29.	1.0	18
132	Evaluation and Selection of Adaptive Traffic Control Strategies on Transportation Networks. Transportation Research Record, 2008, 2064, 51-64.	1.0	3
133	Stochastic Humanitarian Inventory Control Model for Disaster Planning. Transportation Research Record, 2007, 2022, 63-75.	1.0	51
134	Impact of Electronic Toll Collection on Air Pollution Levels. Transportation Research Record, 2007, 2011, 68-77.	1.0	35
135	Clustering-Based Methodology for Determining Optimal Roadway Configuration of Detectors for Travel Time Estimation. Transportation Research Record, 2007, 2000, 98-105.	1.0	31
136	Importance of Information Collection and Dissemination for Evacuation Modeling and Management. , 2007, , .		2
137	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
138	New Jersey Turnpike Time-of-Day Pricing Initiative's Behavioral Impacts. Transportation Research Record, 2007, 2010, 53-61.	1.0	6
139	Feasibility of Traffic Simulation for Decision Support in Real-Time Regional Traffic Management. Transportation Research Record, 2007, 2035, 169-176.	1.0	5
140	Contribution of transportation investments to county output. Transport Policy, 2007, 14, 317-329.	3.4	88
141	A Comparative Methodology for Estimating the Capacity of a Freeway Section. , 2007, , .		9
142	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
143	Evaluating Highway Capacity Investments Using a Geographic Information Systems-Based Tool. Transportation Research Record, 2007, 2024, 44-53.	1.0	6
144	Evaluation of Impacts of Time-of-Day Pricing Initiative on Car and Truck Traffic. Transportation Research Record, 2006, 1960, 48-56.	1.0	14

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145	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
146	Modeling and Simulation of Unconventional Traffic Circles. Transportation Research Record, 2006, 1965, 201-209.	1.0	9
147	Theoretical Derivation of Value of Travel Time and Demand Elasticity. Transportation Research Record, 2006, 1985, 248-256.	1.0	7
148	Quantifying effects of ramp metering on freeway safety. Accident Analysis and Prevention, 2006, 38, 279-288.	3.0	72
149	Estimation of incident clearance times using Bayesian Networks approach. Accident Analysis and Prevention, 2006, 38, 542-555.	3.0	102
150	Empirical analysis of transportation investment and economic development at state, county and municipality levels. Transportation, 2006, 33, 537-551.	2.1	131
151	Modeling of Network Level System-Optimal Real-Time Dynamic Traffic Routing Problem Using Nonlinear H _∞ Feedback Control Theoretic Approach. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2006, 10, 159-171.	2.6	10
152	Feedback Control Solutions to Network Level User-Equilibrium Real-Time Dynamic Traffic Assignment Problems. Networks and Spatial Economics, 2005, 5, 243-260.	0.7	14
153	An Investigation on the Aggregate Behavior of Firm Relocations to New Jersey (1990-1999) and the Underlying Market Elasticities. Networks and Spatial Economics, 2005, 5, 293-331.	0.7	17
154	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
155	South Jersey Real-Time Motorist Information System: Technology and Practice. Transportation Research Record, 2004, 1886, 68-75.	1.0	17
156	Life-Cycle Cost Analysis: State of the Practice Versus State of the Art. Transportation Research Record, 2004, 1864, 62-70.	1.0	48
157	ESTIMATION OF ECONOMIC IMPACT OF VMS ROUTE GUIDANCE USING MICROSIMULATION. Research in Transportation Economics, 2004, 8, 215-241.	2.2	9
158	Comprehensive Evaluation of Feedback-Based Freeway Ramp-Metering Strategy by Using Microscopic Simulation: Taking Ramp Queues into Account. Transportation Research Record, 2004, 1867, 89-96.	1.0	22
159	Impact of Traffic Congestion on Bus Travel Time in Northern New Jersey. Transportation Research Record, 2004, 1884, 27-35.	1.0	29
160	Preliminary Results of Experimental Economics Application to Urban Goods Modeling Research. Transportation Research Record, 2004, 1873, 9-16.	1.0	14
161	Predicting Travel Times for the South Jersey Real-Time Motorist Information System. Transportation Research Record, 2003, 1855, 32-40.	1.0	26
162	Toward a Comprehensive Policy of Nighttime Construction Work. Transportation Research Record, 2003, 1861, 117-124.	1.0	5

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163	Impact of Buses on Highway Infrastructure: Case Study for New Jersey State. Transportation Research Record, 2003, 1841, 32-40.	1.0	5
164	Feedback Ramp Metering in Intelligent Transportation Systems. , 2003, , .		35
165	Application of Stochastic Learning Automata for Modeling Departure Time and Route Choice Behavior. Transportation Research Record, 2002, 1807, 154-162.	1.0	5
166	Modeling Route Choice Behavior with Stochastic Learning Automata. Transportation Research Record, 2001, 1752, 38-46.	1.0	22
167	Web-Based Expert Geographical Information System for Advanced Transportation Management Systems. Transportation Research Record, 2000, 1719, 200-208.	1.0	2
168	The time-dependent shortest pair of disjoint paths problem: Complexity, models, and algorithms. Networks, 1998, 31, 259-272.	1.6	45
169	Solution to the user equilibrium dynamic traffic routing problem using feedback linearization. Transportation Research Part B: Methodological, 1998, 32, 343-360.	2.8	24
170	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
171	Analysis of Overweight Truck Permit Policy in New Jersey. Transportation Research Record, 0, , 036119812110266.	1.0	1