Asad J Khattak

List of Publications by Year
in descending order

195	6,408	57631	102304
papers	citations	44 h-index	66 g-index

198	198	198	3693
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spatial and unobserved heterogeneity in consumer preferences for adoption of electric and hybrid vehicles: A Bayesian hierarchical modeling approach. International Journal of Sustainable Transportation, 2023, 17, 1-14.	2.1	3
2	Inferring safety critical events from vehicle kinematics in naturalistic driving environment: Application of deep learning Algorithms. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2023, 27, 423-440.	2.6	2
3	New fuel consumption model considering vehicular speed, acceleration, and jerk. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2023, 27, 174-186.	2.6	7
4	Pathway analysis of relationships among community development, active travel behavior, body mass index, and self-rated health. International Journal of Sustainable Transportation, 2022, 16, 340-356.	2.1	7
5	Constructing spatiotemporal driving volatility profiles for connected and automated vehicles in existing highway networks. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2022, 26, 572-585.	2.6	7
6	Heterogeneity assessment in incident duration modelling: Implications for development of practical strategies for small & large scale incidents. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2022, 26, 586-601.	2.6	7
7	A joint behavioral choice model for adoption of automated vehicle ride sourcing and carsharing technologies: Role of built environment & sustainable travel behaviors. Transportation Research Part C: Emerging Technologies, 2022, 136, 103557.	3.9	11
8	From the past to the future: Modeling the temporal instability of safety performance functions. Accident Analysis and Prevention, 2022, 167, 106592.	3.0	7
9	Toward better measurement of traffic injuries â€“ Comparison of anatomical injury measures in predicting the clinical outcomes in motorcycle crashes. Journal of Safety Research, 2022, 80, 175-189.	1.7	4
10	How effective are pedestrian crash prevention systems in improving pedestrian safety? Harnessing large-scale experimental data. Accident Analysis and Prevention, 2022, 171, 106669.	3.0	10
11	Active lane management and control using connected and automated vehicles in a mixed traffic environment. Transportation Research Part C: Emerging Technologies, 2022, 139, 103648.	3.9	16
12	Fine-grained highway autonomous vehicle lane-changing trajectory prediction based on a heuristic attention-aided encoder-decoder model. Transportation Research Part C: Emerging Technologies, 2022, 140, 103706.	3.9	16
13	Injury severity analysis of pedestrian and bicyclist trespassing crashes at non-crossings: A hybrid predictive text analytics and heterogeneity-based statistical modeling approach. Accident Analysis and Prevention, 2021, 150, 105835.	3.0	19
14	Cooperative CAVs optimal trajectory planning for collision avoidance and merging in the weaving section. Transportmetrica B, 2021, 9, 219-236.	1.4	6
15	Classifying travelers' driving style using basic safety messages generated by connected vehicles: Application of unsupervised machine learning. Transportation Research Part C: Emerging Technologies, 2021, 122, 102917.	3.9	74
16	Safety evaluation of connected and automated vehicles in mixed traffic with conventional vehicles at intersections. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2021, 25, 170-187.	2.6	69
17	Applying deep neural networks for user intention identification. Soft Computing, 2021, 25, 2191-2220.	2.1	16
18	Do Larger Sample Sizes Increase the Reliability of Traffic Incident Duration Models? A Case Study of East Tennessee Incidents. Transportation Research Record, 2021, 2675, 265-280.	1.0	10

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19	Integration of automated vehicles in mixed traffic: Evaluating changes in performance of following human-driven vehicles. Accident Analysis and Prevention, 2021, 152, 106006.	3.0	55
20	A taxonomy of driving errors and violations: Evidence from the naturalistic driving study. Accident Analysis and Prevention, 2021, 151, 105873.	3.0	30
21	Safety critical event prediction through unified analysis of driver and vehicle volatilities: Application of deep learning methods. Accident Analysis and Prevention, 2021, 151, 105949.	3.0	40
22	Driver Lane-Changing Behavior Prediction Based on Deep Learning. Journal of Advanced Transportation, 2021, 2021, 1-15.	0.9	10
23	Investigating the relation between instantaneous driving decisions and safety critical events in naturalistic driving environment. Accident Analysis and Prevention, 2021, 156, 106086.	3.0	13
24	The role of driversâ€™ social interactions in their driving behavior: Empirical evidence and implications for car-following and traffic flow. Transportation Research Part F: Traffic Psychology and Behaviour, 2021, 80, 203-217.	1.8	8
25	Built environment, driving errors and violations, and crashes in naturalistic driving environment. Accident Analysis and Prevention, 2021, 157, 106158.	3.0	10
26	Understanding how relationships between crash frequency and correlates vary for multilane rural highways: Estimating geographically and temporally weighted regression models. Accident Analysis and Prevention, 2021, 157, 106146.	3.0	22
27	Analyzing driversâ€™ hazard recognition: Precursors to single-vehicle collisions. Accident Analysis and Prevention, 2021, 160, 106304.	3.0	2
28	Exploring the who, what, when, where, and why of automated vehicle disengagements. Accident Analysis and Prevention, 2020, 136, 105406.	3.0	63
29	Integrating safety and mobility for pathfinding using big data generated by connected vehicles. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2020, 24, 404-420.	2.6	21
30	Informed decision-making by integrating historical on-road driving performance data in high-resolution maps for connected and automated vehicles. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2020, 24, 11-23.	2.6	15
31	Exploratory analysis of automated vehicle crashes in California: A text analytics & hierarchical Bayesian heterogeneity-based approach. Accident Analysis and Prevention, 2020, 135, 105354.	3.0	81
32	The relationship between driving volatility in time to collision and crash-injury severity in a naturalistic driving environment. Analytic Methods in Accident Research, 2020, 28, 100136.	4.7	23
33	An integrated spatio-temporal approach to examine the consequences of driving under the influence (DUI) in crashes. Accident Analysis and Prevention, 2020, 146, 105742.	3.0	19
34	Driving impairments and duration of distractions: Assessing crash risk by harnessing microscopic naturalistic driving data. Accident Analysis and Prevention, 2020, 146, 105733.	3.0	29
35	How much information is lost when sampling driving behavior data? Indicators to quantify the extent of information loss. Journal of Intelligent and Connected Vehicles, 2020, 3, 17-29.	3.6	4
36	Understanding Scenarios for Cooperative V2V Active Safety Applications Using Connected Vehicle Datasets. , 2020, , .		0

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37	Long shortâ€term memory and convolutional neural network for abnormal driving behaviour recognition. IET Intelligent Transport Systems, 2020, 14, 306-312.	1.7	22
38	Safety, Energy, and Emissions Impacts of Adaptive Cruise Control and Cooperative Adaptive Cruise Control. Transportation Research Record, 2020, 2674, 253-267.	1.0	59
39	Harnessing ambient sensing & naturalistic driving systems to understand links between driving volatility and crash propensity in school zones â€“ A generalized hierarchical mixed logit framework. Transportation Research Part C: Emerging Technologies, 2020, 114, 405-424.	3.9	18
40	Analysis of V2V Messages for Car-Following Behavior with the Traffic Jerk Effect. Journal of Advanced Transportation, 2020, 2020, 1-11.	0.9	4
41	The extent of reliability for vehicle-to-vehicle communication in safety critical applications: an experimental study. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2020, 24, 264-278.	2.6	16
42	Sequential Prediction for Large-Scale Traffic Incident Duration: Application and Comparison of Survival Models. Transportation Research Record, 2020, 2674, 79-93.	1.0	16
43	Applying Markov decision process to understand driving decisions using basic safety messages data. Transportation Research Part C: Emerging Technologies, 2020, 115, 102642.	3.9	24
44	Bicyclist injury severity in traffic crashes: A spatial approach for geo-referenced crash data to uncover non-stationary correlates. Journal of Safety Research, 2020, 73, 25-35.	1.7	40
45	Fuel consumption for various driving styles in conventional and hybrid electric vehicles: Integrating driving cycle predictions with fuel consumption optimization. International Journal of Sustainable Transportation, 2019, 13, 123-137.	2.1	32
46	Cooperative Game Approach to Optimal Merging Sequence and on-Ramp Merging Control of Connected and Automated Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 4234-4244.	4.7	90
47	Exploring microscopic driving volatility in naturalistic driving environment prior to involvement in safety critical eventsâ€"Concept of event-based driving volatility. Accident Analysis and Prevention, 2019, 132, 105277.	3.0	37
48	The role of pre-crash driving instability in contributing to crash intensity using naturalistic driving data. Accident Analysis and Prevention, 2019, 132, 105226.	3.0	59
49	DSRC-based rear-end collision warning system â€“ An error-component safety distance model and field test. Transportation Research Part C: Emerging Technologies, 2019, 107, 92-104.	3.9	39
50	Exploring the factors contribute to the injury severities of vulnerable roadway user involved crashes. International Journal of Injury Control and Safety Promotion, 2019, 26, 302-314.	1.0	12
51	Examining correlations between motorcyclistâ€™s conspicuity, apparel related factors and injury severity score: Evidence from new motorcycle crash causation study. Accident Analysis and Prevention, 2019, 131, 45-62.	3.0	32
52	How instantaneous driving behavior contributes to crashes at intersections: Extracting useful information from connected vehicle message data. Accident Analysis and Prevention, 2019, 127, 118-133.	3.0	79
53	A spatial analysis of the ownership of alternative fuel and hybrid vehicles. Transportation Research, Part D: Transport and Environment, 2019, 77, 106-119.	3.2	25
54	Fuel economy gaps within and across garages: A bivariate random parameters seemingly unrelated regression approach. International Journal of Sustainable Transportation, 2019, 13, 324-339.	2.1	4

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55	Correlates of front-seat passengersâ€™ non-use of seatbelts at night. Accident Analysis and Prevention, 2019, 130, 30-37.	3.0	11
56	A comparative study of rail-pedestrian trespassing crash injury severity between highway-rail grade crossings and non-crossings. Accident Analysis and Prevention, 2018, 117, 427-438.	3.0	30
57	Development of a traffic incident model involving multiple municipalities for inclusion in large microscopic evacuation simulations. International Journal of Disaster Risk Reduction, 2018, 31, 1223-1230.	1.8	7
58	Contributory fault and level of personal injury to drivers involved in head-on collisions: Application of copula-based bivariate ordinal models. Accident Analysis and Prevention, 2018, 110, 101-114.	3.0	36
59	Exploring multiple eco-routing guidance strategies in a commuting corridor. International Journal of Sustainable Transportation, 2018, 12, 53-65.	2.1	14
60	Modeling the impact of traffic incidents during hurricane evacuations using a large scale microsimulation. International Journal of Disaster Risk Reduction, 2018, 31, 1159-1165.	1.8	7
61	LARGE-SCALE INCIDENT-INDUCED CONGESTION: EN-ROUTE DIVERSIONS OF COMMERCIAL AND NON-COMMERCIAL TRAFFIC UNDER CONNECTED AND AUTOMATED VEHICLES. , 2018, , .		3
62	Revisiting Hit-and-Run Crashes: A Geo-Spatial Modeling Method. Transportation Research Record, 2018, 2672, 81-92.	1.0	21
63	How is driving volatility related to intersection safety? A Bayesian heterogeneity-based analysis of instrumented vehicles data. Transportation Research Part C: Emerging Technologies, 2018, 92, 504-524.	3.9	64
64	A heterogeneity based case-control analysis of motorcyclistâ€™s injury crashes: Evidence from motorcycle crash causation study. Accident Analysis and Prevention, 2018, 119, 202-214.	3.0	44
65	Extracting Useful Information from Basic Safety Message Data: An Empirical Study of Driving Volatility Measures and Crash Frequency at Intersections. Transportation Research Record, 2018, 2672, 290-301.	1.0	71
66	Walkability in the Connected and Automated Vehicle Era: A U.S. Perspective on Research Needs. Transportation Research Record, 2018, 2672, 118-128.	1.0	8
67	Are gates at rail grade crossings always safe? Examining motorist gate-violation behaviors using path analysis. Transportation Research Part F: Traffic Psychology and Behaviour, 2018, 55, 314-324.	1.8	15
68	Development of Safety Performance Functions: Incorporating Unobserved Heterogeneity and Functional Form Analysis. Transportation Research Record, 2018, 2672, 9-20.	1.0	42
69	Analyzing within garage fuel economy gaps to support vehicle purchasing decisions â€“ A copula-based modeling & forecasting approach. Transportation Research, Part D: Transport and Environment, 2018, 63, 186-208.	3.2	17
70	What is the evidence concerning the gap between on-road and Environmental Protection Agency fuel economy ratings?. Transport Policy, 2017, 53, 146-160.	3.4	28
71	Do safety performance functions used for predicting crash frequency vary across space? Applying geographically weighted regressions to account for spatial heterogeneity. Accident Analysis and Prevention, 2017, 109, 132-142.	3.0	55
72	Analysis of volatility in driving regimes extracted from basic safety messages transmitted between connected vehicles. Transportation Research Part C: Emerging Technologies, 2017, 84, 48-73.	3.9	64

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73	Gate-violation behavior at highway-rail grade crossings and the consequences: Using geo-Spatial modeling integrated with path analysis. Accident Analysis and Prevention, 2017, 109, 99-112.	3.0	45
74	Role of Multiagency Response and On-Scene Times in Large-Scale Traffic Incidents. Transportation Research Record, 2017, 2616, 39-48.	1.0	24
75	How does on-road fuel economy vary with vehicle cumulative mileage and daily use?. Transportation Research, Part D: Transport and Environment, 2017, 55, 142-161.	3.2	16
76	A comparative study of driving performance in metropolitan regions using large-scale vehicle trajectory data: Implications for sustainable cities. International Journal of Sustainable Transportation, 2017, 11, 170-185.	2.1	26
77	Can Data Generated by Connected Vehicles Enhance Safety?: Proactive Approach to Intersection Safety Management. Transportation Research Record, 2017, 2659, 80-90.	1.0	41
78	Poster: Investigating Doppler Effects on Vehicle-to-Vehicle Communication. , 2017, , .		6
79	Modeling Traffic Incident Duration Using Quantile Regression. Transportation Research Record, 2016, 2554, 139-148.	1.0	51
80	Signal phase timing impact on traffic delay and queue length-a intersection case study. , 2016, , .		1
81	What Role Do Precrash Driver Actions Play in Work Zone Crashes?:Application of Hierarchical Models to Crash Data. Transportation Research Record, 2016, 2555, 1-11.	1.0	24
82	Demo: Real-time vehicle movement tracking on Android devices through Bluetooth communication with DSRC devices. , 2016, , .		12
83	Customizing driving cycles to support vehicle purchase and use decisions: Fuel economy estimation for alternative fuel vehicle users. Transportation Research Part C: Emerging Technologies, 2016, 67, 280-298.	3.9	40
84	Delivering improved alerts, warnings, and control assistance using basic safety messages transmitted between connected vehicles. Transportation Research Part C: Emerging Technologies, 2016, 68, 83-100.	3.9	86
85	Empirical assessment of route choice impact on emissions over different road types, traffic demands, and driving scenarios. International Journal of Sustainable Transportation, 2016, 10, 271-283.	2.1	14
86	How big data serves for freight safety management at highway-rail grade crossings? A spatial approach fused with path analysis. Neurocomputing, 2016, 181, 38-52.	3.5	22
87	Driver behavior at highwayâ€“rail grade crossings with passive traffic controls: A driving simulator study. Journal of Transportation Safety and Security, 2016, 8, 37-55.	1.1	12
88	Non-crossing rail-trespassing crashes in the past decade: A spatial approach to analyzing injury severity. Safety Science, 2016, 82, 44-55.	2.6	45
89	Joint Analysis of Queuing Delays Associated With Secondary Incidents. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2015, 19, 192-204.	2.6	10
90	Advanced Traveler Information Systems: Behavioral Responses to Mobile Applications for Transportation. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2015, 19, 107-108.	2.6	2

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91	What is the level of volatility in instantaneous driving decisions?. Transportation Research Part C: Emerging Technologies, 2015, 58, 413-427.	3.9	80
92	The role of alternative fuel vehicles: Using behavioral and sensor data to model hierarchies in travel. Transportation Research Part C: Emerging Technologies, 2015, 55, 379-392.	3.9	35
93	What are the differences in driver injury outcomes at highway-rail grade crossings? Untangling the role of pre-crash behaviors. Accident Analysis and Prevention, 2015, 85, 157-169.	3.0	59
94	Assessing the Importance of Vehicle Type for the Implementation of Eco-routing Systems. Transportation Research Procedia, 2014, 3, 800-809.	0.8	13
95	Are HOV/eco-lanes a sustainable option to reducing emissions in a medium-sized European city?. Transportation Research, Part A: Policy and Practice, 2014, 63, 93-106.	2.0	25
96	Multivariate random-parameters zero-inflated negative binomial regression model: An application to estimate crash frequencies at intersections. Accident Analysis and Prevention, 2014, 70, 320-329.	3.0	140
97	Exploring Bias in Traffic Data Aggregation Resulting from Transition of Traffic States. Transportation Research Record, 2014, 2443, 78-87.	1.0	2
98	An Eco-Traffic Management Tool. Advances in Intelligent Systems and Computing, 2014, , 41-56.	0.5	5
99	Modeling the time to the next primary and secondary incident: A semi-Markov stochastic process approach. Transportation Research Part B: Methodological, 2013, 58, 44-57.	2.8	13
100	Generating Emissions Information for Route Selection: Experimental Monitoring and Routes Characterization. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2013, 17, 3-17.	2.6	52
101	Role of travel information in supporting travel decision adaption: exploring spatial patterns. Transportmetrica A: Transport Science, 2013, 9, 316-334.	1.3	15
102	Noncoverage Errors in Travel Surveys Due to Mobile Phoneâ€“Only Households. Transportation Research Record, 2013, 2354, 29-39.	1.0	5
103	Quantifying Key Errors in Household Travel Surveys. Transportation Research Record, 2013, 2354, 9-18.	1.0	7
104	Is Smart Growth Associated with Reductions in Carbon Dioxide Emissions?. Transportation Research Record, 2013, 2375, 62-70.	1.0	12
105	Accuracy of Geoimputation. Transportation Research Record, 2013, 2382, 10-19.	1.0	2
106	Time Use Patterns, Lifestyles, and Sustainability of Nonwork Travel Behavior. International Journal of Sustainable Transportation, 2012, 6, 26-47.	2.1	15
107	Distribution Analysis of Freight Transportation with Gravity Model and Genetic Algorithm. Transportation Research Record, 2012, 2269, 1-10.	1.0	9
108	Evacuee Route Choice Decisions in a Dynamic Hurricane Evacuation Context. Transportation Research Record, 2012, 2312, 141-149.	1.0	13

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109	Diversion during unexpected congestion on toll roads: the role of traffic information displayed on dynamic message signs. IET Intelligent Transport Systems, 2012, 6, 97.	1.7	19
110	Incident management integration tool: dynamically predicting incident durations, secondary incident occurrence and incident delays. IET Intelligent Transport Systems, 2012, 6, 204.	1.7	74
111	Household Travel Decision Chains: Residential Environment, Automobile Ownership, Trips and Mode Choice. International Journal of Sustainable Transportation, 2012, 6, 88-110.	2.1	43
112	Impact of Intercity Tolls in Portugal â€“ An Environmental Perspective. Procedia, Social and Behavioral Sciences, 2012, 48, 1174-1183.	0.5	1
113	Analysis of Large-Scale Incidents on Urban Freeways. Transportation Research Record, 2012, 2278, 74-84.	1.0	7
114	What can be Learned from Analyzing University Student Travel Demand?. Transportation Research Record, 2012, 2322, 129-137.	1.0	34
115	Transferring Telephone-Based National Household Travel Survey to the Internet. Transportation Research Record, 2012, 2285, 91-99.	1.0	6
116	Travel by University Students in Virginia. Transportation Research Record, 2011, 2255, 137-145.	1.0	107
117	Selection of Source and Use of Traffic Information in Emergency Situations. Transportation Research Record, 2011, 2234, 71-78.	1.0	7
118	Spatiotemporal Patterns of Primary and Secondary Incidents on Urban Freeways. Transportation Research Record, 2011, 2229, 19-27.	1.0	24
119	Comparative Analysis of University Studentsâ€™ Acquisition and Use of Travel Information. Transportation Research Record, 2011, 2243, 46-54.	1.0	4
120	Household Excess Travel and Neighbourhood Characteristics. Urban Studies, 2011, 48, 1235-1253.	2.2	23
121	Analysis of Cascading Incident Event Durations on Urban Freeways. Transportation Research Record, 2010, 2178, 30-39.	1.0	35
122	Spatial Analysis and Modeling of Traffic Incidents for Proactive Incident Management and Strategic Planning. Transportation Research Record, 2010, 2178, 128-137.	1.0	30
123	Route Change Decision Making by Hurricane Evacuees Facing Congestion. Transportation Research Record, 2010, 2196, 168-175.	1.0	30
124	Toward Sustainable Transport: Conventional and Disruptive Approaches in the U.S. Context. International Journal of Sustainable Transportation, 2010, 4, 14-40.	2.1	17
125	What Is the Role of Multiple Secondary Incidents in Traffic Operations?. Journal of Transportation Engineering, 2010, 136, 986-997.	0.9	62
126	Modeling the Role of Transportation Information in Mitigating Major Capacity Reductions in a Regional Network. Transportation Research Record, 2009, 2138, 75-84.	1.0	2

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127	The role of the built environment in explaining relationships between perceived and actual pedestrian and bicyclist safety. Accident Analysis and Prevention, 2009, 41, 692-702.	3.0	131
128	Does urban form matter in solo and joint activity engagement?. Landscape and Urban Planning, 2009, 92, 199-209.	3.4	40
129	Dynamic Message Sign Deployment and Diversion Behavior of Travelers on Central Florida Toll Roads. Transportation Research Record, 2009, 2129, 24-34.	1.0	8
130	Role of Dynamic Information in Supporting Changes in Travel Behavior. Transportation Research Record, 2009, 2138, 85-93.	1.0	18
131	Are Incident Durations and Secondary Incidents Interdependent?. Transportation Research Record, 2009, 2099, 39-49.	1.0	60
132	Space Syntax and Walking in a New Urbanist and Suburban Neighbourhoods. Journal of Urban Design, 2008, 13, 5-28.	0.6	163
133	Neighbourhood Types, Travel and Body Mass: A Study of New Urbanist and Suburban Neighbourhoods in the US. Urban Studies, 2008, 45, 963-988.	2.2	33
134	Urban Form, Individual Spatial Footprints, and Travel. Transportation Research Record, 2008, 2082, 98-106.	1.0	86
135	Traveler Information Delivery Mechanisms. Transportation Research Record, 2008, 2069, 77-84.	1.0	26
136	What Exacerbates Injury and Harm in Carâ€“SUV Collisions?. Journal of Transportation Engineering, 2008, 134, 93-104.	0.9	3
137	Economic Impact of Traffic Incidents on Businesses. Transportation Research Record, 2008, 2067, 93-100.	1.0	5
138	Evaluating Traveler Information Effects on Commercial and Noncommercial Users. Transportation Research Record, 2008, 2086, 56-63.	1.0	4
139	Automobiles, Trips, and Neighborhood Type. Transportation Research Record, 2007, 2010, 73-82.	1.0	28
140	Intelligent Transportation Systems: What Do Publications and Patents Tell Us?. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2007, 11, 91-103.	2.6	9
141	Can New Urbanism Encourage Physical Activity?: Comparing a New Urbanist Neighborhood with Conventional Suburbs. Journal of the American Planning Association, 2006, 72, 43-54.	0.9	191
142	Drive or Walk?. Transportation Research Record, 2006, 1985, 154-161.	1.0	12
143	Tools for Supporting Implementation Decisions of Intelligent Transportation Systems. Transportation Research Record, 2006, 1944, 41-50.	1.0	2
144	Drive or Walk?: Utilitarian Trips Within a Neotraditional Neighborhood. Transportation Research Record, 2006, 1985, 154-161.	1.0	12

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145	Automobile Ownership and Use in Neotraditional and Conventional Neighborhoods. Transportation Research Record, 2005, 1902, 18-25.	1.0	10
146	EDITORIAL: ITS Technologies and Techniques for Traffic Operations and Management. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2005, 9, 159-160.	2.6	0
147	Travel behavior in neo-traditional neighborhood developments: A case study in USA. Transportation Research, Part A: Policy and Practice, 2005, 39, 481-500.	2.0	137
148	Advanced Traveler Information Systems. Transportation Research, Economics and Policy, 2004, , 217-240.	0.3	6
149	Traveler Response to Innovative Personalized Demand-Responsive Transit in the San Francisco Bay Area. Journal of the Urban Planning and Development Division, ASCE, 2004, 130, 42-55.	0.8	40
150	An accident waiting to happen: a spatial approach to proactive pedestrian planning. Accident Analysis and Prevention, 2004, 36, 193-211.	3.0	114
151	Injury Severity and Total Harm in Truck-Involved Work Zone Crashes. Transportation Research Record, 2004, 1877, 106-116.	1.0	69
152	Method for Priority-Ranking and Expanding Freeway Service Patrols. Transportation Research Record, 2004, 1867, 1-10.	1.0	18
153	Willingness to pay for travel information. Transportation Research Part C: Emerging Technologies, 2003, 11, 137-159.	3.9	69
154	Are SUVs â€œSupremely Unsafe Vehiclesâ€?: Analysis of Rollovers and Injuries with Sport Utility Vehicles. Transportation Research Record, 2003, 1840, 167-177.	1.0	50
155	Examination of Fault, Unsafe Driving Acts, and Total Harm in Car-Truck Collisions. Transportation Research Record, 2003, 1830, 63-71.	1.0	18
156	How Airport Context and Service Are Related to General Aviation Aircraft Operations. Transportation Research Record, 2002, 1788, 116-123.	1.0	0
157	Traveler Response to New Dynamic Information Sources: Analyzing Corridor and Areawide Behavioral Surveys. Transportation Research Record, 2002, 1803, 66-75.	1.0	30
158	Effects of work zone presence on injury and non-injury crashes. Accident Analysis and Prevention, 2002, 34, 19-29.	3.0	145
159	Why Will Some Individuals Pay for Travel Information When It Can Be Free? Analysis of a Bay Area Traveler Survey. Transportation Research Record, 2001, 1759, 9-18.	1.0	14
160	Injury Severity in Multivehicle Rear-End Crashes. Transportation Research Record, 2001, 1746, 59-68.	1.0	81
161	What Is the Effect of Commute Time on Employment?: Analysis of Spatial Patterns in New York Metropolitan Area. Transportation Research Record, 2001, 1780, 43-52.	1.0	8
162	Method of Improving Pedestrian Safety Proactively with Geographic Information Systems: Example from a College Campus. Transportation Research Record, 2001, 1773, 97-107.	1.0	23

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163	Are Travel Times and Distances to Work Greater for Residents of Poor Urban Neighborhoods?. Transportation Research Record, 2000, 1718, 73-82.	1.0	15
164	Injury Effects of Rollovers and Events Sequence in Single-Vehicle Crashes. Transportation Research Record, 2000, 1717, 46-54.	1.0	64
165	Does Travel Information Influence Commuter and Noncommuter Behavior?: Results from the San Francisco Bay Area TravInfo Project. Transportation Research Record, 1999, 1694, 48-58.	1.0	26
166	Factors Influencing Bicycle Crash Severity on Two-Lane, Undivided Roadways in North Carolina. Transportation Research Record, 1999, 1674, 78-85.	1.0	124
167	Effect of Speed Limit Increases on Crash Injury Severity: Analysis of Single-Vehicle Crashes on North Carolina Interstate Highways. Transportation Research Record, 1999, 1665, 100-108.	1.0	83
168	PLANâ‹„HOV: Case-Based Reasoning Planning Tool for High-Occupancy Vehicle Lane Analysis in a Geographic Information System Environment. Transportation Research Record, 1999, 1682, 18-27.	1.0	6
169	A combined traveler behavior and system performance model with advanced traveler information systems. Transportation Research, Part A: Policy and Practice, 1998, 32, 479-493.	2.0	33
170	Applying the Ordered Probit Model to Injury Severity in Truck-Passenger Car Rear-End Collisions. Transportation Research Record, 1998, 1635, 63-71.	1.0	193
171	Role of Adverse Weather in Key Crash Types on Limited-Access: Roadways Implications for Advanced Weather Systems. Transportation Research Record, 1998, 1621, 10-19.	1.0	106
172	Comparative Analysis of Spatial Knowledge and En Route Diversion Behavior in Chicago and San Francisco: Implications for Advanced Traveler Information Systems. Transportation Research Record, 1998, 1621, 27-35.	1.0	24
173	Automatic Vehicle Location and Computer-Aided Dispatch Systems: Design and Application Considerations. Journal of Public Transportation, 1998, 2, 1-26.	0.3	9
174	The impact of adverse weather conditions on the propensity to change travel decisions: A survey of Brussels commuters. Transportation Research, Part A: Policy and Practice, 1997, 31, 181-203.	2.0	69
175	PLANiTS: Structuring and Supporting the Intelligent Transportation Systems Planning Process. Transportation Research Record, 1997, 1588, 32-40.	1.0	2
176	Modeling Revealed and Stated En-Route Travel Response to Advanced Traveler Information Systems. Transportation Research Record, 1996, 1537, 38-45.	1.0	32
177	Modeling Revealed and Stated Pretrip Travel Response to Advanced Traveler Information Systems. Transportation Research Record, 1996, 1537, 46-54.	1.0	57
178	Case-based reasoning: A planning tool for intelligent transportation systems. Transportation Research Part C: Emerging Technologies, 1996, 4, 267-288.	3.9	24
179	EVALUATING THE EFFECTIVENESS OF INTEGRATED TRAFFIC CORRIDORS: CONCEPT AND PRACTICE. Journal of Intelligent Transportation Systems, 1996, 3, 49-67.	0.1	0
180	A Taxonomy for Advanced Public Transportation Systems. Journal of Public Transportation, 1996, 1, 39-64.	0.3	6

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