Geert Wets

List of Publications by Year
in descending order

298 papers	7,580 citations	53751 45 h-index	85498 71 g-index
303 all docs	303 docs citations	303 times ranked	6640 citing authors

#	Article	IF	Citations
1	A Matching Framework for Employees to Support Carpooling in the Context of Large Companies. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 1159-1170.	4.7	1
2	Small-displacement motorcycle crashes and risky ridership in Vietnam: Findings from a focus group and in-depth interview study. Safety Science, 2022, 152, 105514.	2.6	11
3	Estimating the influence of disruption on highway networks using GPS data. Expert Systems With Applications, 2022, 187, 115994.	4.4	4
4	Exploring changes in individuals travel behaviour after bus Rapid Transit implementation in Dar es Salaam. Travel Behaviour & Society, 2022, 27, 139-147.	2.4	1
5	An Exploration of Characteristics and Time Series Forecast of Fatal Road Crashes in Manipal, India. Sustainability, 2022, 14, 2851.	1.6	2
6	A randomised controlled trial to enhance travel-related physical activity: A pilot study in patients with coronary heart disease. Journal of Transport and Health, 2022, 25, 101344.	1.1	3
7	Experiences with licensing by autistic drivers: An exploratory study. Procedia Computer Science, 2022, 201, 330-337.	1.2	0
8	A Focus Group Study to Explore Risky Ridership among Young Motorcyclists in Manipal, India. Safety, 2022, 8, 40.	0.9	4
9	Optical pavement treatments and their impact on speed and lateral position at transition zones: A driving simulator study. Accident Analysis and Prevention, 2021, 150, 105916.	3.0	6
10	The appraisal of roadway environment and infrastructure by drivers with autism: A qualitative study. Transportation Research Part F: Traffic Psychology and Behaviour, 2021, 78, 280-298.	1.8	4
11	Exploring changes in mobility experiences and perceptions after implementation of the bus rapid transit system in Dar es Salaam. Case Studies on Transport Policy, 2021, 9, 930-938.	1.1	4
12	Identifying business activity-travel patterns based on GPS data. Transportation Research Part C: Emerging Technologies, 2021, 128, 103136.	3.9	6
13	Modeling the injury severity of small-displacement motorcycle crashes in Hanoi City, Vietnam. Safety Science, 2021, 142, 105371.	2.6	13
14	Risky motorcycle riding behaviour among young riders in Manipal, India. BMC Public Health, 2021, 21, 1954.	1.2	15
15	Optimal recharging framework and simulation for electric vehicle fleet. Future Generation Computer Systems, 2020, 107, 745-757.	4.9	16
16	Zipf's power law in activity schedules and the effect of aggregation. Future Generation Computer Systems, 2020, 107, 1014-1025.	4.9	4
17	Optimizing copious activity type classes based on classification accuracy and entropy retention. Future Generation Computer Systems, 2020, 110, 338-349.	4.9	1
18	Measuring individuals' travel behaviour by use of a GPS-based smartphone application in Dar es Salaam, Tanzania. Journal of Transport Geography, 2020, 88, 102477.	2.3	16

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19	A route to school informational intervention for air pollution exposure reduction. Sustainable Cities and Society, 2020, 53, 101965.	5.1	26
20	Testing the convergent- and predictive validity of a multi-dimensional belief-based scale for attitude towards personal safety on public bus/minibus for long-distance trips in Ghana: A SEM analysis. Transport Policy, 2020, 85, 67-79.	3.4	9
21	A personalized mobility based intervention to promote pro-environmental travel behavior. Sustainable Cities and Society, 2020, 62, 102397.	5.1	19
22	Exploring psychological factors of mobile phone use while riding among motorcyclists in Vietnam. Transportation Research Part F: Traffic Psychology and Behaviour, 2020, 73, 292-306.	1.8	24
23	Activity Participation and Perceptions on Informal Public Transport and Bus Rapid Transit in Dar es Salaam. Transportation Research Record, 2020, 2674, 573-583.	1.0	6
24	Citywide Traffic Analysis Based on the Combination of Visual and Analytic Approaches. Journal of Geovisualization and Spatial Analysis, 2020, 4, 1.	2.1	18
25	Towards better road safety management: Lessons learned from inter-national benchmarking. Accident Analysis and Prevention, 2020, 138, 105484.	3.0	31
26	Standard freeway merge designs support safer driver behaviour compared to taper designs: a driving simulator study. Ergonomics, 2020, 63, 407-420.	1.1	3
27	A Conceptual Framework for Forecasting Car Driver's On-Street Parking Decisions. Transportation Research Procedia, 2019, 37, 131-138.	0.8	15
28	Construction and validation of a public bus passenger safety scale. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 66, 47-62.	1.8	7
29	Evaluation of a Road Safety Education Program Based on Driving Under Influence and Traffic Risks for Higher Secondary School Students in Belgium. Safety, 2019, 5, 34.	0.9	8
30	The effect of a simulator based training on specific measures of driving ability in older drivers. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 64, 38-46.	1.8	9
31	Evaluation of a gamified e-learning platform to improve traffic safety among elementary school pupils in Belgium. Personal and Ubiquitous Computing, 2019, 23, 931-941.	1.9	18
32	The relation between driving errors and executive functioning in intellectually able young novice drivers with autism. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 63, 38-54.	1.8	12
33	Communication and its relationship with digital and physical mobility patterns—A review. Advances in Transport Policy and Planning, 2019, , 3-27.	0.7	2
34	Observing the observation of (vulnerable) road user behaviour and traffic safety: A scoping review. Accident Analysis and Prevention, 2019, 123, 211-221.	3.0	16
35	Exploratory analysis of Zipf's universal power law in activity schedules. Transportation, 2019, 46, 1689-1712.	2.1	3
36	Yielding behavior and traffic conflicts at cyclist crossing facilities on channelized right-turn lanes. Transportation Research Part F: Traffic Psychology and Behaviour, 2018, 55, 272-281.	1.8	20

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37	Unmanned Aerial Vehicle-based Traffic Analysis: A Case Study to Analyze Traffic Streams at Urban Roundabouts. Procedia Computer Science, 2018, 130, 636-643.	1.2	31
38	Investigating pedestrian walkability using a multitude of Seoul data sources. Transportmetrica B, 2018, 6, 54-73.	1.4	6
39	Measuring working memory load effects on electrophysiological markers of attention orienting during a simulated drive. Ergonomics, 2018, 61, 429-443.	1.1	10
40	Travelers' preferences regarding the interior of public buses: a hierarchical information integration approach. Public Transport, 2018, 10, 529-543.	1.7	8
41	Air Quality Based Informational Intervention Framework To Promote Healthy And Active School Travel. Procedia Computer Science, 2018, 141, 382-389.	1.2	1
42	Influence of functioning and contextual factors on activity-related travel behaviour in Multiple Sclerosis. Journal of Transport and Health, 2018, 11, 100-109.	1.1	1
43	Applying FEATHERS for Travel Demand Analysis: Model Considerations. Applied Sciences (Switzerland), 2018, 8, 211.	1.3	4
44	Public bus passenger safety evaluations in Ghana: A phenomenological constructivist exploration. Transportation Research Part F: Traffic Psychology and Behaviour, 2018, 58, 339-350.	1.8	12
45	Unmanned Aerial Vehicle-Based Traffic Analysis: A Case Study for Shockwave Identification and Flow Parameters Estimation at Signalized Intersections. Remote Sensing, 2018, 10, 458.	1.8	68
46	Modelling public bus/minibus transport accident severity in Ghana. Accident Analysis and Prevention, 2018, 119, 114-121.	3.0	54
47	A measurement to driving situation awareness in signalized intersections. Transportation Research, Part D: Transport and Environment, 2018, 62, 739-747.	3.2	6
48	Data Quality of Travel Behavior Studies: Factors Influencing the Reporting Rate of Self-Reported and GPS-Recorded Trips in Persons with Disabilities. Transportation Research Record, 2018, 2672, 662-674.	1.0	4
49	Likelihood-based offline map matching of GPS recordings using global trace information. Transportation Research Part C: Emerging Technologies, 2018, 93, 13-35.	3.9	21
50	Process of learning to drive by young persons with autism: experiences of the young persons themselves, parents, and driving instructors. Transactions on Transport Sciences, 2018, 9, 42-56.	0.2	10
51	Unmanned Aerial Vehicle–Based Traffic Analysis: Methodological Framework for Automated Multivehicle Trajectory Extraction. Transportation Research Record, 2017, 2626, 25-33.	1.0	49
52	Developing an optimised activity type annotation method based on classification accuracy and entropy indices. Transportmetrica A: Transport Science, 2017, 13, 742-766.	1.3	12
53	UAV-Based Traffic Analysis: A Universal Guiding Framework Based on Literature Survey. Transportation Research Procedia, 2017, 22, 541-550.	0.8	70
54	Zipf's power law in activity schedules and the effect of aggregation. Procedia Computer Science, 2017, 109, 225-232.	1.2	2

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55	Viamigo. Transportation Research Record, 2017, 2650, 25-32.	1.0	8
56	Modeling value of time for trip chains using sigmoid utility. Personal and Ubiquitous Computing, 2017, 21, 1041-1053.	1.9	0
57	Sharing is (s)caring? Interactions between buses and bicyclists on bus lanes shared with bicyclists. Transportation Research Part F: Traffic Psychology and Behaviour, 2017, 46, 301-315.	1.8	21
58	The effect of pavement markings on driving behaviour in curves: a simulator study. Ergonomics, 2017, 60, 701-713.	1.1	46
59	Semantic Annotation of Mobile Phone Data Using Machine Learning Algorithms. , 2017, , .		1
60	Evaluating Speed Enforcement Field Set-Ups Used by Regional Police in Belgium: An Analysis of Speed Outcome Indicators. Safety, 2017, 3, 1.	0.9	9
61	Activity-Based Travel Demand Modeling Framework FEATHERS: Sensitivity Analysis with Decision Trees. Transportation Research Record, 2016, 2564, 89-99.	1.0	9
62	Negotiation and Coordination in Carpooling: Agent-Based Simulation Model. Transportation Research Record, 2016, 2542, 92-101.	1.0	7
63	Green Intelligent Transportation System and Safety. Procedia Engineering, 2016, 137, 11-12.	1.2	4
64	Understanding walking activity in multiple sclerosis: step count, walking intensity and uninterrupted walking activity duration related to degree of disability. Neurological Sciences, 2016, 37, 1483-1490.	0.9	22
65	Determining structural route components from GPS traces. Transportation Research Part B: Methodological, 2016, 90, 156-171.	2.8	15
66	A coordinated Framework for Optimized Charging of EV Fleet in Smart Grid. Procedia Computer Science, 2016, 94, 332-339.	1.2	24
67	Micro-simulation of Car Driversâ€™ Movements at Parking Lots. Procedia Engineering, 2016, 142, 100-107.	1.2	27
68	Effect of a working memory training on aspects of cognitive ability and driving ability of older drivers: Merits of an adaptive training over a non-adaptive training. Transportation Research Part F: Traffic Psychology and Behaviour, 2016, 42, 15-27.	1.8	33
69	Investigating risky, distracting, and protective peer passenger effects in a dual process framework. Accident Analysis and Prevention, 2016, 93, 217-225.	3.0	33
70	Threshold settings for TRIP/STOP detection in GPS traces. Journal of Ambient Intelligence and Humanized Computing, 2016, 7, 395-413.	3.3	15
71	A New Weighting Approach Based on Rough Set Theory and Granular Computing for Road Safety Indicator Analysis. Computational Intelligence, 2016, 32, 517-534.	2.1	8
72	Estimating Incoming Cross-border Trips Through Land Use data Resources â€" A Case of Karachi City. Procedia Computer Science, 2016, 83, 270-277.	1.2	0

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73	Modelling Value of Time for Trip Chains in Daily Schedules. Procedia Computer Science, 2016, 83, 615-620.	1.2	0
74	Is there a spillover effect of a right turn on red permission for bicyclists?. Transportation Research Part F: Traffic Psychology and Behaviour, 2016, 36, 35-45.	1.8	1
75	Investigating the predictive performance of computational process activity-based transportation models. Transportation Planning and Technology, 2016, 39, 551-573.	0.9	2
76	Effect evaluation of a road safety education program based on victim testimonials in high schools in Belgium. Accident Analysis and Prevention, 2016, 94, 18-27.	3.0	16
77	Detecting urban road network accessibility problems using taxi GPS data. Journal of Transport Geography, 2016, 51, 147-157.	2.3	59
78	Speed control with and without advanced warning sign on the field: An analysis of the effect on driving speed. Safety Science, 2016, 85, 23-32.	2.6	14
79	Organizational-based model and agent-based simulation for long-term carpooling. Future Generation Computer Systems, 2016, 64, 125-139.	4.9	14
80	Identifying mismatch between urban travel demand and transport network services using GPS data: A case study in the fast growing Chinese city of Harbin. Neurocomputing, 2016, 181, 4-18.	3.5	39
81	The relations between specific measures of simulated driving ability and functional ability: New insights for assessment and training programs of older drivers. Transportation Research Part F: Traffic Psychology and Behaviour, 2016, 39, 65-78.	1.8	27
82	MEASURING DRIVER'S RELATIVE PERFORMANCE OVER TIME USING DEA AND WINDOW ANALYSIS. , 2016, , .		1
83	The Dynamic Signalization of Calamity Routes â€" A Driving Simulator Study. Procedia Manufacturing, 2015, 3, 2666-2673.	1.9	1
84	Diary Survey Quality Assessment Using GPS Traces. Procedia Computer Science, 2015, 52, 600-605.	1.2	4
85	Bootstrapping DEA Scores for Road Safety Strategic Analysis in Brazil. International Journal of Computational Intelligence Systems, 2015, 8, 29.	1.6	6
86	Crash Patterns at Signalized Intersections. Transportation Research Record, 2015, 2514, 105-116.	1.0	23
87	TRIP/STOP Detection in GPS Traces to Feed Prompted Recall Survey. Procedia Computer Science, 2015, 52, 262-269.	1.2	6
88	Relationship Between Spatio-temporal Electricity Cost Variability and E-mobility. Procedia Computer Science, 2015, 52, 772-779.	1.2	0
89	Travel Demand Forecasting Using Activity-Based Modeling Framework FEATHERS: An Extension. International Journal of Intelligent Systems, 2015, 30, 948-962.	3.3	7
90	Towards a Novel Classifier for the Representation of Bounded Rationality in Models of Travel Demand. , 2015, , 137-162.		0

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91	Investigating the Minimum Size of Study Area for an Activity-Based Travel Demand Forecasting Model. Mathematical Problems in Engineering, 2015, 2015, 1-9.	0.6	3
92	Safety Effects of Protected Left-Turn Phasing at Signalized Intersections: An Empirical Analysis. Safety, 2015, 1, 94-102.	0.9	7
93	Discrete Dynamics in Transportation System 2014. Discrete Dynamics in Nature and Society, 2015, 2015, 1-3.	0.5	0
94	Modeling and Simulation in Transportation Engineering 2014. Mathematical Problems in Engineering, 2015, 2015, 1-1.	0.6	0
95	Traffic fatality indicators in Brazil: State diagnosis based on data envelopment analysis research. Accident Analysis and Prevention, 2015, 81, 61-73.	3.0	34
96	Knowledge of the concept Light Rail Transit: Exploring its relevance and identification of the determinants of various knowledge levels. Transportation Research, Part A: Policy and Practice, 2015, 74, 31-43.	2.0	7
97	Drivers' behavioral responses to combined speed and red light cameras. Accident Analysis and Prevention, 2015, 81, 153-166.	3.0	34
98	City-Wide Examining Transport Network Accessibility Using Taxi GPS Data. , 2015, , .		0
99	Agent-based Simulation Model for Long-term Carpooling: Effect of Activity Planning Constraints. Procedia Computer Science, 2015, 52, 412-419.	1.2	14
100	Serious Injuries: An Additional Indicator to Fatalities for Road Safety Benchmarking. Traffic Injury Prevention, 2015, 16, 246-253.	0.6	21
101	Does attention capacity moderate the effect of driver distraction in older drivers?. Accident Analysis and Prevention, 2015, 77, 12-20.	3.0	45
102	Scalability issues in optimal assignment for carpooling. Journal of Computer and System Sciences, 2015, 81, 568-584.	0.9	9
103	Assessing the impact of different policy decisions on the resource requirements of a Demand Responsive Transport system for persons with disabilities. Transport Policy, 2015, 44, 48-57.	3.4	19
104	Investigating micro-simulation error in activity-based travel demand forecasting: a case study of the FEATHERS framework. Transportation Planning and Technology, 2015, 38, 425-441.	0.9	10
105	Characterizing activity sequences using profile Hidden Markov Models. Expert Systems With Applications, 2015, 42, 5705-5722.	4.4	49
106	An Agent Based Simulated Goods Exchange Market; A Prerequisite For Freight Transport Modeling. Procedia Computer Science, 2015, 52, 622-629.	1.2	5
107	Application of a Rule-Based Approach in Real-Time Crash Risk Prediction Model Development Using Loop Detector Data. Traffic Injury Prevention, 2015, 16, 786-791.	0.6	22
108	Inter-national benchmarking of road safety: State of the art. Transportation Research Part C: Emerging Technologies, 2015, 50, 37-50.	3.9	32

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109	The Relation Between Cognitive Control and Risky Driving in Young Novice Drivers. Applied Neuropsychology Adult, 2015, 22, 61-72.	0.7	60
110	Meteorological variation in daily travel behaviour: evidence from revealed preference data from the Netherlands. Theoretical and Applied Climatology, 2015, 120, 183-194.	1.3	46
111	Exploring the Driving Behavior of Youth with an Autism Spectrum Disorder: A Driver Instructor Questionnaire. , 2015, , .		8
112	Traffic Safety Implications of Travel Demand Management Policies. , 2015, , 1082-1107.		1
113	Application of Geographically Weighted Regression Technique in Spatial Analysis of Fatal and Injury Crashes. Journal of Transportation Engineering, 2014, 140, .	0.9	65
114	Organizational and Agent-based Automated Negotiation Model for Carpooling. Procedia Computer Science, 2014, 37, 396-403.	1.2	7
115	Assessing the Overall Driving Performance of Older Drivers. , 2014, , .		0
116	Green Intelligent Transport System. Discrete Dynamics in Nature and Society, 2014, 2014, 1-2.	0.5	1
117	Green Transportation System and Safety. Mathematical Problems in Engineering, 2014, 2014, 1-1.	0.6	0
118	Assessing Road Safety Performance by Data Envelopment Analysis--The Case of Brazil. , 2014, , .		0
119	Modeling the Perceptions and Preferences of Pedestrians on Crossing Facilities. Discrete Dynamics in Nature and Society, 2014, 2014, 1-8.	0.5	23
120	Implementation and validation of a modeling framework to assess personal exposure to black carbon. Environment International, 2014, 62, 64-71.	4.8	28
121	Exploiting graph-theoretic tools for matching in carpooling applications. Journal of Ambient Intelligence and Humanized Computing, 2014, 5, 393-407.	3.3	21
122	Investigating the influence of working memory capacity when driving behavior is combined with cognitive load: An LCT study of young novice drivers. Accident Analysis and Prevention, 2014, 62, 377-387.	3.0	83
123	An evaluation of the traffic safety effect of fixed speed cameras. Safety Science, 2014, 62, 168-174.	2.6	53
124	Evaluating the effectiveness of a post-license education program for young novice drivers in Belgium. Accident Analysis and Prevention, 2014, 66, 62-71.	3.0	23
125	Multi-agent simulation of individual mobility behavior in carpooling. Transportation Research Part C: Emerging Technologies, 2014, 45, 83-98.	3.9	80
126	Does the effect of traffic calming measures endure over time? â€" A simulator study on the influence of gates. Transportation Research Part F: Traffic Psychology and Behaviour, 2014, 22, 63-75.	1.8	24

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127	Behavioural effects of fixed speed cameras on motorways: Overall improved speed compliance or kangaroo jumps?. Accident Analysis and Prevention, 2014, 73, 132-140.	3.0	42
128	Psychological determinants of motorcycle helmet use among young adults in Cambodia. Transportation Research Part F: Traffic Psychology and Behaviour, 2014, 26, 273-290.	1.8	27
129	The effect of family climate on risky driving of young novices: The moderating role of attitude and locus of control. Accident Analysis and Prevention, 2014, 73, 53-64.	3.0	23
130	Research on Restrained Study Areas for Effective Activity-Based Travel Demand Forecasting. , 2014, , .		0
131	Assessing the road safety impacts of a teleworking policy by means of geographically weighted regression method. Journal of Transport Geography, 2014, 39, 96-110.	2.3	38
132	To brake or to accelerate? Safety effects of combined speed and red light cameras. Journal of Safety Research, 2014, 50, 59-65.	1.7	13
133	Safety effects of an extensive black spot treatment programme in Flanders-Belgium. Accident Analysis and Prevention, 2014, 66, 72-79.	3.0	13
134	A Bottom up Approach to Estimate Production-consumption Matrices from a Synthetic Firm Population Generated by Iterative Proportional Updating. Transportation Research Procedia, 2014, 1, 49-56.	0.8	0
135	Automated section speed control on motorways: An evaluation of the effect on driving speed. Accident Analysis and Prevention, 2014, 73, 313-322.	3.0	25
136	Building a validation measure for activity-based transportation models based on mobile phone data. Expert Systems With Applications, 2014, 41, 6174-6189.	4.4	46
137	Modeling Personal Exposure to Air Pollution with AB2C: Environmental Inequality. Procedia Computer Science, 2014, 32, 269-276.	1.2	6
138	Analyzing the Real Time Factors: Which Causing the Traffic Congestions and Proposing the Solution for Pakistani City. Procedia Computer Science, 2014, 32, 413-420.	1.2	5
139	Canonic Route Splitting. Procedia Computer Science, 2014, 32, 309-316.	1.2	2
140	Geographical Extension of the Activity-based Modeling Framework FEATHERS. Procedia Computer Science, 2014, 32, 774-779.	1.2	2
141	Within day rescheduling microsimulation combined with macrosimulated traffic. Transportation Research Part C: Emerging Technologies, 2014, 45, 99-118.	3.9	11
142	Integrating GIS and FEATHERS: A Conceptual Design. Procedia Computer Science, 2014, 32, 405-412.	1.2	1
143	Combining Driving Performance Information in an Index Score. Transportation Research Record, 2014, 2434, 44-51.	1.0	3
144	Effect of Restricted Sight on Right-Turn Driver Behavior with Pedestrians at Signalized Intersection. Advances in Mechanical Engineering, 2014, 6, 565394.	0.8	2

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145	Advances in Mobility Theories, Methodologies, and Applications. Advances in Mechanical Engineering, 2014, 6, 831689.	0.8	0
146	A framework for electric vehicle charging strategy optimization tested for travel demand generated by an activity-based model. , 2014, , .		1
147	BOOTSTRAPPING DEA SCORES FOR TRAFFIC FATALITY RISK ASSESSMENT IN BRAZIL. , 2014, , .		1
148	Synthetic Population Techniques in Activity-Based Research. Advances in Data Mining and Database Management Book Series, 2014, , 48-70.	0.4	3
149	Is Driving 1 km to Work Worse for the Environment Than Driving 1 km for Shopping?. NATO Science for Peace and Security Series C: Environmental Security, 2014, , 79-83.	0.1	1
150	Activity-Based Travel Demand Forecasting Using Micro-Simulation. Advances in Data Mining and Database Management Book Series, 2014, , 167-181.	0.4	1
151	Investigating Individual Driver Performance: Applying DEA on Simulator Data. Advances in Intelligent Systems and Computing, 2014, , 623-635.	0.5	0
152	Traffic Safety Implications of Travel Demand Management Policies. Advances in Data Mining and Database Management Book Series, 2014, , 115-140.	0.4	0
153	Modelling Route Choice Decisions of Car Travellers Using Combined GPS and Diary Data. Networks and Spatial Economics, 2013, 13, 351-372.	0.7	22
154	Mapping leisure shopping trip decision making: validation of the CNET interview protocol. Quality and Quantity, 2013, 47, 1831-1849.	2.0	4
155	Data Envelopment Analysis for Composite Indicators: A Multiple Layer Model. Social Indicators Research, 2013, 114, 739-756.	1.4	54
156	A simulator study on the impact of traffic calming measures in urban areas on driving behavior and workload. Accident Analysis and Prevention, 2013, 61, 43-53.	3.0	47
157	Road safety development in Europe: A decade of changes (2001â€"2010). Accident Analysis and Prevention, 2013, 60, 85-94.	3.0	33
158	Driving performance in persons with mild to moderate symptoms of multiple sclerosis. Disability and Rehabilitation, 2013, 35, 1387-1393.	0.9	21
159	Documenting outdoor activity and travel behaviour in persons with neurological conditions using travel diaries and GPS tracking technology: a pilot study in multiple sclerosis. Disability and Rehabilitation, 2013, 35, 1718-1725.	0.9	32
160	A Micro Simulated and Demand Driven Supply Chain Model To Calculate Regional Production and Consumption Matrices. Procedia Computer Science, 2013, 19, 404-411.	1.2	1
161	An Activity-based Carpooling Microsimulation Using Ontology. Procedia Computer Science, 2013, 19, 48-55.	1.2	10
162	Estimating Scalability Issues While Finding an Optimal Assignment for Carpooling. Procedia Computer Science, 2013, 19, 372-379.	1.2	17

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163	Street characteristics and traffic factors determining road users' exposure to black carbon. Science of the Total Environment, 2013, 447, 72-79.	3.9	77
164	Annotating mobile phone location data with activity purposes using machine learning algorithms. Expert Systems With Applications, 2013, 40, 3299-3311.	4.4	73
165	Modeling temporal and spatial variability of traffic-related air pollution: Hourly land use regression models for black carbon. Atmospheric Environment, 2013, 74, 237-246.	1.9	76
166	Presentation and evaluation of an integrated model chain to respond to traffic- and health-related policy questions. Environmental Modelling and Software, 2013, 40, 160-170.	1.9	91
167	Evaluating the road safety effects of a fuel cost increase measure by means of zonal crash prediction modeling. Accident Analysis and Prevention, 2013, 50, 186-195.	3.0	28
168	Modeling and Simulation in Transportation Engineering. Mathematical Problems in Engineering, 2013, 2013, 1-2.	0.6	1
169	Discrete Dynamics in Transportation System. Discrete Dynamics in Nature and Society, 2013, 2013, 1-2.	0.5	2
170	Performance Assessment of Local Mobility Policy-Making Administrations Using the Principles of Total Quality Management in Flanders, Belgium: Expounding the Decision-Making Processes. International Journal of Sustainable Transportation, 2013, 7, 318-346.	2.1	7
171	Road Safety Differences between Priority-Controlled Intersections and Right-Hand Priority Intersections. Transportation Research Record, 2013, 2365, 39-48.	1.0	31
172	Semantic Annotation of Global Positioning System Traces. Transportation Research Record, 2013, 2383, 35-43.	1.0	23
173	Tracking household routines using scheduling hypothesis embedded in skeletons. Transportmetrica, 2012, 8, 225-241.	1.8	6
174	Identifying the Determinants of Light Rail Mode Choice for Medium- and Long-Distance Trips. Transportation Research Record, 2012, 2275, 30-38.	1.0	26
175	Application of Different Exposure Measures in Development of Planning-Level Zonal Crash Prediction Models. Transportation Research Record, 2012, 2280, 145-153.	1.0	23
176	Activity-Based Modeling to Predict Spatial and Temporal Power Demand of Electric Vehicles in Flanders, Belgium. Transportation Research Record, 2012, 2287, 146-154.	1.0	30
177	An Agent-Based Model to Evaluate Carpooling at Large Manufacturing Plants. Procedia Computer Science, 2012, 10, 1221-1227.	1.2	26
178	Seoul activity-based Model: An Application of Feathers Solutions to Seoul Metropolitan Area. Procedia Computer Science, 2012, 10, 840-845.	1.2	4
179	A Bayesian approach for modeling origin–destination matrices. Transportation Research, Part A: Policy and Practice, 2012, 46, 200-212.	2.0	24
180	Optimizing the implementation of policy measures through social acceptance segmentation. Transport Policy, 2012, 22, 80-87.	3.4	26

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181	Road safety risk evaluation and target setting using data envelopment analysis and its extensions. Accident Analysis and Prevention, 2012, 48, 430-441.	3.0	100
182	Analysis of the Co-routing Problem in Agent-based Carpooling Simulation. Procedia Computer Science, 2012, 10, 821-826.	1.2	19
183	A Conceptual Design of an Agent-based Interaction Model for the Carpooling Application. Procedia Computer Science, 2012, 10, 801-807.	1.2	27
184	Exploiting Graph-theoretic Tools for Matching and Partitioning of Agent Population in an Agent-based Model for Traffic and Transportation Applications. Procedia Computer Science, 2012, 10, 833-839.	1.2	0
185	The usefulness of the Sequence Alignment Methods in validating rule-based activity-based forecasting models. Transportation, 2012, 39, 773-789.	2.1	13
186	Mental maps and travel behaviour: meanings and models. Journal of Geographical Systems, 2012, 14, 143-165.	1.9	13
187	A decision support tool for evaluating customer intentions. Expert Systems With Applications, 2012, 39, 6903-6910.	4.4	3
188	Personal exposure to Black Carbon in transport microenvironments. Atmospheric Environment, 2012, 55, 392-398.	1.9	269
189	Shop opening hours and population exposure to NO2 assessed with an activity-based transportation model. Alliance for Global Sustainability Bookseries, 2012, , 161-170.	0.2	1
190	Influence of Stretching-Segment Storage Length on Urban Traffic Flow in Signalized Intersection. International Journal of Computational Intelligence Systems, 2011, 4, 1401-1406.	1.6	5
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