

# Konstantinos Kepaptsoglou

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63

papers

1,111

citations

15

h-index

32

g-index

73

ext. papers

1,377

ext. citations

3.4

avg, IF

4.95

L-index

#	Paper	IF	Citations
63	Transit Route Network Design Problem: Review. <i>Journal of Transportation Engineering</i> , <b>2009</b> , 135, 491-505		189
62	A Real-Time Parking Prediction System for Smart Cities. <i>Journal of Intelligent Transportation Systems: Technology, Planning, and Operations</i> , <b>2016</b> , 20, 192-204	3.2	108
61	Containership routing with time deadlines and simultaneous deliveries and pick-ups. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , <b>2009</b> , 45, 210-221	9	90
60	The bus bridging problem in metro operations: conceptual framework, models and algorithms. <i>Public Transport</i> , <b>2009</b> , 1, 275-297	2.1	75
59	A hybrid hypercube Genetic algorithm approach for deploying many emergency response mobile units in an urban network. <i>European Journal of Operational Research</i> , <b>2011</b> , 210, 287-300	5.6	54
58	Fund Allocation for Transportation Network Recovery Following Natural Disasters. <i>Journal of the Urban Planning and Development Division, ASCE</i> , <b>2007</b> , 133, 82-89	2.2	52
57	Sustainable urban transit network design. <i>Transportation Research, Part A: Policy and Practice</i> , <b>2015</b> , 77, 276-291	3.7	46
56	Metro service disruptions: how do people choose to travel?. <i>Transportation</i> , <b>2015</b> , 42, 933-949	4	40
55	An Empirical Investigation of Passenger Wait Time Perceptions Using Hazard-Based Duration Models. <i>Journal of Public Transportation</i> , <b>2011</b> , 14, 109-122	26.8	34
54	Metaheuristics for the transit route network design problem: a review and comparative analysis. <i>Public Transport</i> , <b>2019</b> , 11, 487-521	2.1	33
53	Integrated transit route network design and infrastructure planning for on-line electric vehicles. <i>Transportation Research, Part D: Transport and Environment</i> , <b>2019</b> , 77, 178-197	6.4	33
52	Weather impact on containership routing in closed seas: A chance-constraint optimization approach. <i>Transportation Research Part C: Emerging Technologies</i> , <b>2015</b> , 55, 139-155	8.4	22
51	Electric Transit Route Network Design Problem: Model and Application. <i>Transportation Research Record</i> , <b>2019</b> , 2673, 264-274	1.7	21
50	A fuzzy AHP model for assessing the condition of metro stations. <i>KSCE Journal of Civil Engineering</i> , <b>2013</b> , 17, 1109-1116	1.9	17
49	Quality Management in Mobility Management: A Scheme for Supporting Sustainable Transportation in Cities. <i>International Journal of Sustainable Transportation</i> , <b>2012</b> , 6, 238-256	3.6	16
48	Genetic Algorithm-Based Approach for Optimal Location of Transit Repair Vehicles on a Large Urban Network. <i>Transportation Research Record</i> , <b>2004</b> , 1879, 41-50	1.7	15
47	How did the COVID-19 pandemic impact traveler behavior toward public transport? The case of Athens, Greece. <i>Transportation Letters</i> , <b>2021</b> , 13, 344-352	2.1	15

46	Ridership estimation of a new LRT system: Direct demand model approach. <i>Journal of Transport Geography</i> , <b>2017</b> , 58, 146-156	5.2	14
45	Combining ITS and optimization in public transportation planning: state of the art and future research paths. <i>European Transport Research Review</i> , <b>2019</b> , 11,	3.7	14
44	Model for Planning Emergency Response Services in Road Safety. <i>Journal of the Urban Planning and Development Division, ASCE</i> , <b>2012</b> , 138, 18-25	2.2	13
43	DRT route design for the first/last mile problem: model and application to Athens, Greece. <i>Public Transport</i> , <b>2018</b> , 10, 499-527	2.1	13
42	Urban Regeneration in Historic Downtown Areas: An Ex-Ante Evaluation of Traffic Impacts in Athens, Greece. <i>International Journal of Sustainable Transportation</i> , <b>2015</b> , 9, 478-489	3.6	11
41	Transit stop inspection and maintenance scheduling: A GPU accelerated metaheuristics approach. <i>Transportation Research Part C: Emerging Technologies</i> , <b>2015</b> , 55, 246-260	8.4	11
40	Route planning for a seaplane service: The case of the Greek Islands. <i>Computers and Operations Research</i> , <b>2015</b> , 59, 66-77	4.6	11
39	Planning Public Transport Networks for the 2004 Summer Olympics with Decision Support Systems. <i>Transportation Research Record</i> , <b>2004</b> , 1887, 71-82	1.7	11
38	Bus-to-Depot Allocation: Models and Decision Support System. <i>Journal of Transportation Engineering</i> , <b>2010</b> , 136, 600-605		10
37	Free Trade Agreement Effects in the Mediterranean Region: An Analytic Approach Based on SURE Gravity Model. <i>Transportation Research Record</i> , <b>2009</b> , 2097, 88-96	1.7	9
36	Nonlinear Autoregressive Conditional Duration Models for Traffic Congestion Estimation. <i>Journal of Probability and Statistics</i> , <b>2011</b> , 2011, 1-13	0.6	8
35	Robust electric transit route network design problem (RE-TRNDP) with delay considerations: Model and application. <i>Transportation Research Part C: Emerging Technologies</i> , <b>2021</b> , 129, 103255	8.4	8
34	Identifying spatio-temporal patterns of bus bunching in urban networks. <i>Journal of Intelligent Transportation Systems: Technology, Planning, and Operations</i> , <b>2020</b> , 24, 365-382	3.2	7
33	Energy supply security for the Aegean islands: A routing model with risk and environmental considerations. <i>Energy Policy</i> , <b>2018</b> , 113, 608-620	7.2	7
32	Heuristic Approach for Optimizing Emergency Medical Services in Road Safety within Large Urban Networks. <i>Journal of Transportation Engineering</i> , <b>2014</b> , 140, 04014043		7
31	Fund Allocation for Civil Infrastructure Security Upgrade. <i>Journal of Management in Engineering - ASCE</i> , <b>2013</b> , 29, 172-182	5.3	7
30	Project-Level Life-Cycle Benefit-Cost Analysis Approach for Evaluating Highway Segment Safety Hardware Improvements. <i>Transportation Research Record</i> , <b>2010</b> , 2160, 1-11	1.7	7
29	Transportation Network Post-Disaster Planning and Management: A Review Part I: Post-Disaster Transportation Network Performance. <i>International Journal of Transportation</i> , <b>2014</b> , 2, 1-16		7

28	A Web-Supported National Bridge Inventory Management Tool. <i>Public Works Management Policy</i> , <b>2005</b> , 9, 248-258	0.6	6
27	Factors affecting bus bunching at the stop level: A geographically weighted regression approach. <i>International Journal of Transportation Science and Technology</i> , <b>2020</b> , 9, 207-217	3.3	5
26	A model for analyzing metro station platform conditions following a service disruption <b>2010</b> ,		5
25	A Concept Agent-Based Simulation Model to Evaluate the Impacts of a Shared Space Network. <i>Procedia Computer Science</i> , <b>2021</b> , 184, 680-685	1.6	5
24	The bus to depot allocation problem revisited: a genetic algorithm. <i>Public Transport</i> , <b>2014</b> , 6, 237-255	2.1	4
23	Road Safety in urban areas in Greece during economy downturn. A before & after comparison. <i>Transportation Research Procedia</i> , <b>2017</b> , 24, 228-234	2.4	4
22	An Empirical Investigation of Motorcycle Ownership and Usage <b>2011</b> ,		4
21	Transportation Network Post-Disaster Planning and Management: A Review Part II: Decision-Making and Planning of Post-Disaster Operations. <i>International Journal of Transportation</i> , <b>2014</b> , 2, 17-32		4
20	The future urban road: A systematic literature review-enhanced Q-method study with experts. <i>Transportation Research, Part D: Transport and Environment</i> , <b>2022</b> , 102, 103158	6.4	4
19	ITS Technologies for Decision Making during Evacuation Operations: A Review. <i>Journal of Transportation Engineering Part A: Systems</i> , <b>2020</b> , 146, 04020010	1.5	4
18	The Bus Bunching Problem: Empirical Findings from Spatial Analytics <b>2018</b> ,		4
17	Causal analysis of illegal parking in urban roads: The case of Greece. <i>Case Studies on Transport Policy</i> , <b>2021</b> , 9, 1084-1096	2.7	4
16	Model for Planning and Sizing Curbside Parking Lanes in Urban Networks. <i>Transportation Research Record</i> , <b>2018</b> , 2672, 1-11	1.7	3
15	Geofence planning for electric scooters. <i>Transportation Research, Part D: Transport and Environment</i> , <b>2022</b> , 102, 103149	6.4	3
14	Paratransit Service Optimization for Special Events. <i>Transportation Research Record</i> , <b>2005</b> , 1903, 64-77	1.7	2
13	Model Free Identification of Traffic Conditions Using Unmanned Aerial Vehicles and Deep Learning. <i>Journal of Big Data Analytics in Transportation</i> , <b>2021</b> , 3, 1-13	1.7	2
12	Exploring the social acceptance of transforming urban arterials to multimodal corridors. The case of Panepistimiou Avenue in Athens. <i>International Journal of Sustainable Transportation</i> , 1-15	3.6	2
11	Identification of critical stations in a Metro System: A substitute complex network analysis. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2022</b> , 596, 127123	3.3	2

10	Key drivers of fare evasion in a metro system: Evidence from Athens, Greece. <i>Case Studies on Transport Policy</i> , <b>2020</b> , 8, 778-783	2.7	1
9	Decision-Making Framework to Allocate Real-Time Passenger Information Signs at Bus Stops: Model Application in Athens, Greece. <i>Transportation Research Record</i> , <b>2017</b> , 2647, 61-70	1.7	1
8	Safety Effects of Shoulder Paving for Rural and Urban Interstate, Multilane, and Two-Lane Highways. <i>Journal of Transportation Engineering</i> , <b>2013</b> , 139, 1010-1019		1
7	Modeling Transit User Travel Time Perception in a Post-Economic Recession Era: The Case of Athens, Greece. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 504-511	0.4	1
6	Demonstrative Case of a Pedestrian Network Design Model Considering Effects on Motorized Traffic. <i>Transportation Research Record</i> , <b>2020</b> , 2674, 373-384	1.7	1
5	Transit route network redesign under Electrification: Model and application. <i>International Journal of Transportation Science and Technology</i> , <b>2021</b> , 10, 366-366	3.3	1
4	Modeling traveler recovery time following man-made incidents: the case of the Athens metro. <i>Journal of Transportation Security</i> , <b>2019</b> , 12, 103-117	1.3	1
3	Light Rail Versus Guided Light Transit in Medium-Sized Cities: A Comparative Study for Ioannina, Greece. <i>Public Works Management Policy</i> , <b>2017</b> , 22, 253-274	0.6	0
2	Mobile vehicle emission inspection service optimization: a flow intercepting location model and application. <i>Transportation Planning and Technology</i> , <b>2020</b> , 43, 174-187	1.6	
1	Transportation planning for ferry services by using a continuous approximation model: the case of the Aegean Islands, Greece. <i>Transportation Letters</i> , 1-12	2.1	