

Konstantinos Kepaptsoglou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5031670/publications.pdf>

Version: 2024-02-01

73
papers

1,705
citations

394390

19
h-index

302107

39
g-index

73
all docs

73
docs citations

73
times ranked

1482
citing authors

#	ARTICLE	IF	CITATIONS
1	Transit Route Network Design Problem: Review. Journal of Transportation Engineering, 2009, 135, 491-505.	0.9	237
2	A Real-Time Parking Prediction System for Smart Cities. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2016, 20, 192-204.	4.2	172
3	Containership routing with time deadlines and simultaneous deliveries and pick-ups. Transportation Research, Part E: Logistics and Transportation Review, 2009, 45, 210-221.	7.4	109
4	The bus bridging problem in metro operations: conceptual framework, models and algorithms. Public Transport, 2009, 1, 275-297.	2.7	107
5	A hybrid hypercube “ Genetic algorithm approach for deploying many emergency response mobile units in an urban network. European Journal of Operational Research, 2011, 210, 287-300.	5.7	66
6	Metaheuristics for the transit route network design problem: a review and comparative analysis. Public Transport, 2019, 11, 487-521.	2.7	65
7	Fund Allocation for Transportation Network Recovery Following Natural Disasters. Journal of the Urban Planning and Development Division, ASCE, 2007, 133, 82-89.	1.7	59
8	Sustainable urban transit network design. Transportation Research, Part A: Policy and Practice, 2015, 77, 276-291.	4.2	59
9	Integrated transit route network design and infrastructure planning for on-line electric vehicles. Transportation Research, Part D: Transport and Environment, 2019, 77, 178-197.	6.8	59
10	Metro service disruptions: how do people choose to travel?. Transportation, 2015, 42, 933-949.	4.0	51
11	How did the COVID-19 pandemic impact traveler behavior toward public transport? The case of Athens, Greece. Transportation Letters, 2021, 13, 344-352.	3.1	47
12	An Empirical Investigation of Passenger Wait Time Perceptions Using Hazard-Based Duration Models. Journal of Public Transportation, 2011, 14, 109-122.	1.2	41
13	Electric Transit Route Network Design Problem: Model and Application. Transportation Research Record, 2019, 2673, 264-274.	1.9	40
14	Weather impact on containership routing in closed seas: A chance-constraint optimization approach. Transportation Research Part C: Emerging Technologies, 2015, 55, 139-155.	7.6	34
15	Combining ITS and optimization in public transportation planning: state of the art and future research paths. European Transport Research Review, 2019, 11, .	4.8	31
16	The future urban road: A systematic literature review-enhanced Q-method study with experts. Transportation Research, Part D: Transport and Environment, 2022, 102, 103158.	6.8	27
17	Ridership estimation of a new LRT system: Direct demand model approach. Journal of Transport Geography, 2017, 58, 146-156.	5.0	25
18	Identification of critical stations in a Metro System: A substitute complex network analysis. Physica A: Statistical Mechanics and Its Applications, 2022, 596, 127123.	2.6	23

#	ARTICLE	IF	CITATIONS
19	DRT route design for the first/last mile problem: model and application to Athens, Greece. <i>Public Transport</i> , 2018, 10, 499-527.	2.7	22
20	Robust electric transit route network design problem (RE-TRNDP) with delay considerations: Model and application. <i>Transportation Research Part C: Emerging Technologies</i> , 2021, 129, 103255.	7.6	21
21	A fuzzy AHP model for assessing the condition of metro stations. <i>KSCE Journal of Civil Engineering</i> , 2013, 17, 1109-1116.	1.9	20
22	Quality Management in Mobility Management: A Scheme for Supporting Sustainable Transportation in Cities. <i>International Journal of Sustainable Transportation</i> , 2012, 6, 238-256.	4.1	19
23	Model for Planning Emergency Response Services in Road Safety. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2012, 138, 18-25.	1.7	19
24	Identifying spatio-temporal patterns of bus bunching in urban networks. <i>Journal of Intelligent Transportation Systems: Technology, Planning, and Operations</i> , 2020, 24, 365-382.	4.2	19
25	Geofence planning for electric scooters. <i>Transportation Research, Part D: Transport and Environment</i> , 2022, 102, 103149.	6.8	16
26	Genetic Algorithm-Based Approach for Optimal Location of Transit Repair Vehicles on a Large Urban Network. <i>Transportation Research Record</i> , 2004, 1879, 41-50.	1.9	15
27	Route planning for a seaplane service: The case of the Greek Islands. <i>Computers and Operations Research</i> , 2015, 59, 66-77.	4.0	15
28	Urban Regeneration in Historic Downtown Areas: An Ex-Ante Evaluation of Traffic Impacts in Athens, Greece. <i>International Journal of Sustainable Transportation</i> , 2015, 9, 478-489.	4.1	15
29	Factors affecting bus bunching at the stop level: A geographically weighted regression approach. <i>International Journal of Transportation Science and Technology</i> , 2020, 9, 207-217.	3.6	15
30	Transportation Network Post-Disaster Planning and Management: A Review Part I: Post-Disaster Transportation Network Performance. <i>International Journal of Transportation</i> , 2014, 2, 1-16.	0.4	15
31	Energy supply security for the Aegean islands: A routing model with risk and environmental considerations. <i>Energy Policy</i> , 2018, 113, 608-620.	8.8	14
32	Free Trade Agreement Effects in the Mediterranean Region. <i>Transportation Research Record</i> , 2009, 2097, 88-96.	1.9	13
33	Bus-to-Depot Allocation: Models and Decision Support System. <i>Journal of Transportation Engineering</i> , 2010, 136, 600-605.	0.9	13
34	Transit stop inspection and maintenance scheduling: A GPU accelerated metaheuristics approach. <i>Transportation Research Part C: Emerging Technologies</i> , 2015, 55, 246-260.	7.6	13
35	Planning Public Transport Networks for the 2004 Summer Olympics with Decision Support Systems. <i>Transportation Research Record</i> , 2004, 1887, 71-82.	1.9	12
36	Causal analysis of illegal parking in urban roads: The case of Greece. <i>Case Studies on Transport Policy</i> , 2021, 9, 1084-1096.	2.5	12

#	ARTICLE	IF	CITATIONS
37	An exact approach for the multi-depot electric bus scheduling problem with time windows. European Journal of Operational Research, 2023, 306, 189-206.	5.7	12
38	Nonlinear Autoregressive Conditional Duration Models for Traffic Congestion Estimation. Journal of Probability and Statistics, 2011, 2011, 1-13.	0.7	11
39	Heuristic Approach for Optimizing Emergency Medical Services in Road Safety within Large Urban Networks. Journal of Transportation Engineering, 2014, 140, .	0.9	10
40	Model Free Identification of Traffic Conditions Using Unmanned Aerial Vehicles and Deep Learning. Journal of Big Data Analytics in Transportation, 2021, 3, 1-13.	3.0	10
41	A Concept Agent-Based Simulation Model to Evaluate the Impacts of a Shared Space Network. Procedia Computer Science, 2021, 184, 680-685.	2.0	10
42	Project-Level Life-Cycle Benefitâ€“Cost Analysis Approach for Evaluating Highway Segment Safety Hardware Improvements. Transportation Research Record, 2010, 2160, 1-11.	1.9	8
43	Fund Allocation for Civil Infrastructure Security Upgrade. Journal of Management in Engineering - ASCE, 2013, 29, 172-182.	4.8	8
44	Transit route network redesign under Electrification: Model and application. International Journal of Transportation Science and Technology, 2021, 10, 366-379.	3.6	8
45	An Empirical Investigation of Motorcycle Ownership and Usage. , 2011, , .		7
46	Key drivers of fare evasion in a metro system: Evidence from Athens, Greece. Case Studies on Transport Policy, 2020, 8, 778-783.	2.5	7
47	Electric bus charging station location optimization considering queues. International Journal of Transportation Science and Technology, 2023, 12, 291-300.	3.6	7
48	A Web-Supported National Bridge Inventory Management Tool. Public Works Management Policy, 2005, 9, 248-258.	1.2	6
49	A model for analyzing metro station platform conditions following a service disruption. , 2010, , .		6
50	The Bus Bunching Problem: Empirical Findings from Spatial Analytics. , 2018, , .		6
51	Exploring the social acceptance of transforming urban arterials to multimodal corridors. The case of Panepistimiou Avenue in Athens. International Journal of Sustainable Transportation, 2023, 17, 333-347.	4.1	6
52	Safety Effects of Shoulder Paving for Rural and Urban Interstate, Multilane, and Two-Lane Highways. Journal of Transportation Engineering, 2013, 139, 1010-1019.	0.9	5
53	Road Safety in urban areas in Greece during economy downturn. A before â€“ after comparison. Transportation Research Procedia, 2017, 24, 228-234.	1.5	5
54	Transportation Network Post-Disaster Planning and Management: A Review Part II: Decision-Making and Planning of Post-Disaster Operations. International Journal of Transportation, 2014, 2, 17-32.	0.4	5

#	ARTICLE	IF	CITATIONS
55	The bus to depot allocation problem revisited: a genetic algorithm. <i>Public Transport</i> , 2014, 6, 237-255.	2.7	4
56	ITS Technologies for Decision Making during Evacuation Operations: A Review. <i>Journal of Transportation Engineering Part A: Systems</i> , 2020, 146, 04020010.	1.4	4
57	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> , 2019, , 504-511.	0.6	4
58	Model for Planning and Sizing Curbside Parking Lanes in Urban Networks. <i>Transportation Research Record</i> , 2018, 2672, 1-11.	1.9	3
59	Paratransit Service Optimization for Special Events. <i>Transportation Research Record</i> , 2005, 1903, 64-77.	1.9	2
60	Light Rail Versus Guided Light Transit in Medium-Sized Cities: A Comparative Study for Ioannina, Greece. <i>Public Works Management Policy</i> , 2017, 22, 253-274.	1.2	2
61	Modeling traveler recovery time following man-made incidents: the case of the Athens metro. <i>Journal of Transportation Security</i> , 2019, 12, 103-117.	1.4	2
62	Battery-Assisted Trolleybus Network Design: Model and Application. <i>Journal of Transportation Engineering Part A: Systems</i> , 2022, 148, .	1.4	2
63	Decision-Making Framework to Allocate Real-Time Passenger Information Signs at Bus Stops: Model Application in Athens, Greece. <i>Transportation Research Record</i> , 2017, 2647, 61-70.	1.9	1
64	Demonstrative Case of a Pedestrian Network Design Model Considering Effects on Motorized Traffic. <i>Transportation Research Record</i> , 2020, 2674, 373-384.	1.9	1
65	Transportation planning for ferry services by using a continuous approximation model: the case of the Aegean Islands, Greece. <i>Transportation Letters</i> , 0, , 1-12.	3.1	1
66	Understanding the factors that affect the bus bunching eventsâ€™ duration. , 2020, , .		1
67	Total Cost of Ownership for Automated and Electric Drive Vehicles. , 2021, , .		1
68	Mobile vehicle emission inspection service optimization: a flow intercepting location model and application. <i>Transportation Planning and Technology</i> , 2020, 43, 174-187.	2.0	0
69	Total Cost of Ownership for Automated and Electric Drive Vehicles. , 2021, , .		0
70	Valuation of man-made incident risk perception in public transport: The case of the Athens metro. <i>International Journal of Transportation Science and Technology</i> , 2021, , .	3.6	0
71	Metro Speed Profile Optimization Considering Passenger Comfort: Model and Application. <i>Transportation Research Record</i> , 0, , 036119812210964.	1.9	0
72	A Method for Verifying the Applicability of Tramway Projects. <i>Public Works Management Policy</i> , 2023, 28, 273-287.	1.2	0

#	ARTICLE	IF	CITATIONS
73	Developing a Total Cost of Ownership Model for Semi-Automated, Automated and Electric Vehicles. SN Computer Science, 2022, 3, .	3.6	0