

# Seungmo Kang

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

497  
citations

1162889

8  
h-index

677027

22  
g-index

32  
all docs

32  
docs citations

32  
times ranked

615  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biofuel refinery location and supply chain planning under traffic congestion. <i>Transportation Research Part B: Methodological</i> , 2011, 45, 162-175.	2.8	152
2	A Heuristic Approach to the Railroad Track Maintenance Scheduling Problem. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2011, 26, 129-145.	6.3	72
3	Optimal operations of transportation fleet for unloading activities at container ports. <i>Transportation Research Part B: Methodological</i> , 2008, 42, 970-984.	2.8	51
4	Impact of traffic states on freeway crash involvement rates. <i>Accident Analysis and Prevention</i> , 2013, 50, 713-723.	3.0	49
5	Evaluation of Pedestrian Safety. <i>Transportation Research Record</i> , 2013, 2393, 104-116.	1.0	36
6	The traveling purchaser problem with stochastic prices: Exact and approximate algorithms. <i>European Journal of Operational Research</i> , 2011, 209, 265-272.	3.5	21
7	Optimization of an Improved Intermodal Transit Model Equipped with Feeder Bus and Railway Systems Using Metaheuristics Approaches. <i>Sustainability</i> , 2016, 8, 537.	1.6	16
8	Dynamically Determining the Toll Plaza Capacity by Monitoring Approaching Traffic Conditions in Real-Time. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 87.	1.3	10
9	Evaluating and addressing the effects of regression to the mean phenomenon in estimating collision frequencies on urban high collision concentration locations. <i>Accident Analysis and Prevention</i> , 2016, 97, 49-56.	3.0	10
10	Geocoding vehicle collisions on Korean expressways based on postmile referencing. <i>KSCE Journal of Civil Engineering</i> , 2011, 15, 1435-1441.	0.9	8
11	Enhanced Application of Principal Component Analysis in Machine Learning for Imputation of Missing Traffic Data. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2149.	1.3	8
12	Optimal Coordination Strategy for an Integrated Multimodal Transit Feeder Network Design Considering Multiple Objectives. <i>Sustainability</i> , 2018, 10, 734.	1.6	7
13	Network Forensic Evidence Generation and Verification Scheme (NFEVGS). <i>Telecommunication Systems</i> , 2015, 60, 261-273.	1.6	6
14	META-HEURISTIC APPROACH FOR HIGH-DEMAND FACILITY LOCATIONS CONSIDERING TRAFFIC CONGESTION AND GREENHOUSE GAS EMISSION. <i>Journal of Environmental Engineering and Landscape Management</i> , 2016, 24, 233-244.	0.4	6
15	Measurement of desirable minimum one-way bike lane width. <i>KSCE Journal of Civil Engineering</i> , 2016, 20, 881-889.	0.9	6
16	Dwell Time Estimation Using Real-Time Train Operation and Smart Card-Based Passenger Data: A Case Study in Seoul, South Korea. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 476.	1.3	6
17	Urban transit network optimization under variable demand with single and multi-objective approaches using metaheuristics: The case of Daejeon, Korea. <i>International Journal of Sustainable Transportation</i> , 2021, 15, 386-406.	2.1	6
18	An optimal network screening method of hotspot identification for highway crashes with dynamic site length. <i>Accident Analysis and Prevention</i> , 2020, 135, 105358.	3.0	5

#	ARTICLE	IF	CITATIONS
19	Investigation of Effects of Inherent Variation and Spatiotemporal Dependency on Urban Travel-Speed Prediction. <i>Journal of Transportation Engineering Part A: Systems</i> , 2020, 146, 04020027.	0.8	5
20	Location-based services: Enabling technologies and a concierge service model. <i>Geospatial Technology and the Role of Location in Science</i> , 2007, , 227-239.	0.2	4
21	Heuristic Algorithm for Solving a Multimodal Location-Based Concierge Service Problem. , 0, .		4
22	Heuristic Algorithm for Solving a Multimodal Location-Based Concierge Service Problem. <i>Transportation Research Record</i> , 2006, 1972, 123-132.	1.0	3
23	Adaptive dynamic programming approach to a multi-purpose location-based concierge service model. <i>IET Intelligent Transport Systems</i> , 2011, 5, 277-285.	1.7	2
24	Rebalancing Docked Bicycle Sharing System with Approximate Dynamic Programming and Reinforcement Learning. <i>Journal of Advanced Transportation</i> , 2022, 2022, 1-14.	0.9	2
25	Combined-Cost and Bi-Objective Approaches to Multipurpose Location-Based Services Using Genetic Algorithms. <i>Transportation Research Record</i> , 2010, 2160, 40-49.	1.0	1
26	Evaluating the Impact of the Sudden Collapse of Major Freeway Connectors on Rapid Transit and Adjacent Freeway Systems: San Francisco Bay Area Case Study. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 726.	1.3	1
27	Developing a Proxy Measure for Monitoring Freeway Segment Traffic Conditions along Detours during Roadway Closures. , 2015, , .		0
28	Development of High-Speed Railway Travel Assignment Algorithm based on Station Choice Probability. <i>Journal of the Korean Society for Railway</i> , 2021, 24, 818-827.	0.1	0
29	Line Planning Optimization Model for Intercity Railway. <i>Journal of Korean Society of Transportation</i> , 2013, 31, 80-89.	0.1	0
30	Harmony Search Algorithm for High-Demand Facility Locations Considering Traffic Congestion and Greenhouse Gas Emission. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 317-327.	0.5	0
31	Estimation of Rail Accident Cost Reflecting Cost of Business Suspension and Compensation. <i>Journal of the Korean Society for Railway</i> , 2019, 22, 90-100.	0.1	0
32	Estimation of Social Benefits for Travel Time Delay and Reliability by Crash Reduction in Regional Railroad. <i>Journal of the Korean Society for Railway</i> , 2019, 22, 336-347.	0.1	0