Gunwoo Lee

List of Publications by Year
in descending order

38 papers	**614** citations	566801 **15** h-index	642321 **23** g-index
38 all docs	**38** docs citations	**38** times ranked	**554** citing authors

#	Article	IF	Citations
1	An evaluation framework for traffic calming measures in residential areas. Transportation Research, Part D: Transport and Environment, 2013, 25, 68-76.	3.2	56
2	Neural network-based fuel consumption estimation for container ships in Korea. Maritime Policy and Management, 2020, 47, 615-632.	1.9	51
3	Categorizing bicycling environments using GPS-based public bicycle speed data. Transportation Research Part C: Emerging Technologies, 2015, 56, 239-250.	3.9	43
4	Consumer intentions to purchase battery electric vehicles in Korea. Energy Policy, 2019, 132, 736-743.	4.2	37
5	Critical success factors of supply chain integration in container shipping: an application of resource-based view theory. Maritime Policy and Management, 2019, 46, 653-668.	1.9	36
6	Environmental Impacts of a Major Freight Corridor. Transportation Research Record, 2009, 2123, 119-128.	1.0	32
7	Endogenous commercial driver's traffic violations and freight truck-involved crashes on mainlines of expressway. Accident Analysis and Prevention, 2019, 131, 327-335.	3.0	29
8	Assessing air quality and health benefits of the Clean Truck Program in the Alameda corridor, CA. Transportation Research, Part A: Policy and Practice, 2012, 46, 1177-1193.	2.0	28
9	Estimation of the shore excursion expenditure function during cruise tourism in Korea. Maritime Policy and Management, 2017, 44, 524-535.	1.9	26
10	The role of trust in influencing consumers' adoption of automated vehicles: An application of the health belief model. International Journal of Sustainable Transportation, 2021, 15, 837-849.	2.1	23
11	Voyage-based statistical fuel consumption models of ocean-going container ships in Korea. Maritime Policy and Management, 2020, 47, 304-331.	1.9	22
12	Benefits of travel time savings by truck platooning in Korean freeway networks. Transport Policy, 2019, 83, 37-45.	3.4	21
13	Safety Impacts of Intervehicle Warning Information Systems for Moving Hazards in Connected Vehicle Environments. Transportation Research Record, 2014, 2424, 11-19.	1.0	20
14	Genetic Algorithm to Estimate Cumulative Prospect Theory Parameters for Selection of High-Occupancy-Vehicle Lane. Transportation Research Record, 2010, 2157, 71-77.	1.0	18
15	Air Pollution Impacts of Shifting Freight from Truck to Rail at California's San Pedro Bay Ports. Transportation Research Record, 2010, 2162, 25-34.	1.0	16
16	GPS data-based mobility mode inference model using long-term recurrent convolutional networks. Transportation Research Part C: Emerging Technologies, 2022, 135, 103523.	3.9	16
17	Assessing the impact of traffic crashes on near freeway air quality. Transportation Research, Part D: Transport and Environment, 2017, 57, 64-73.	3.2	15
18	Emission evaluation of inter-vehicle safety warning information systems. Transportation Research, Part D: Transport and Environment, 2015, 41, 106-117.	3.2	13

#	Article	IF	Citations
19	A multi-criteria analysis framework including environmental and health impacts for evaluating traffic calming measures at the road network level. International Journal of Sustainable Transportation, 2019, 13, 15-23.	2.1	12
20	Machine Learning-Based Models for Accident Prediction at a Korean Container Port. Sustainability, 2021, 13, 9137.	1.6	10
21	Insight from Scientific Study in Logistics using Text Mining. Transportation Research Record, 2019, 2673, 97-107.	1.0	9
22	Microscopic Traffic Simulation Calibration Level for Reliable Estimation of Vehicle Emissions. Journal of Advanced Transportation, 2020, 2020, 1-13.	0.9	9
23	Impact of Automated Truck Platooning on the Performance of Freeway Mixed Traffic Flow. Journal of Advanced Transportation, 2021, 2021, 1-13.	0.9	9
24	Determinants of personal concern about autonomous vehicles. Cities, 2022, 120, 103462.	2.7	9
25	Economic evaluation of vessel traffic service (VTS): A contingent valuation study. Marine Policy, 2015, 61, 149-154.	1.5	8
26	Machine Learning Approaches to Estimate Road Surface Temperature Variation along Road Section in Real-Time for Winter Operation. International Journal of Intelligent Transportation Systems Research, 2020, 18, 343-355.	0.6	8
27	Application of locally weighted regression€based approach in correcting erroneous individual vehicle speed data. Journal of Advanced Transportation, 2016, 50, 180-196.	0.9	7
28	Deep-Learning-Based Prediction of High-Risk Taxi Drivers Using Wellness Data. International Journal of Environmental Research and Public Health, 2020, 17, 9505.	1.2	6
29	A New Approach to Analyzing Cycling Stability Using an Inertial Measurement Unit Sensor. KSCE Journal of Civil Engineering, 2018, 22, 5195-5202.	0.9	4
30	Estimating Micro-Level On-Road Vehicle Emissions Using the K-Means Clustering Method with GPS Big Data. Electronics (Switzerland), 2020, 9, 2151.	1.8	4
31	Influence of Multiple Freeway Design Features on Freight Traffic Safety. Journal of Advanced Transportation, 2019, 2019, 1-8.	0.9	3
32	Toward Sustainable Ferry Routes in Korea: Analysis of Operational Efficiency Considering Passenger Mobility Burdens. Sustainability, 2020, 12, 8819.	1.6	3
33	Analysis of Operational Efficiency Considering Safety Factors as an Undesirable Output for Coastal Ferry Operators in Korea. Journal of Marine Science and Engineering, 2020, 8, 367.	1.2	3
34	Effects of Vpass and vertical pitch on 3D SONOS NAND Flash memory operations. , 2014, , .		2
35	Estimation of the Safety Benefits of AEBS Based on an Analysis of the KIDAS Database. KSCE Journal of Civil Engineering, 2019, 23, 5208-5214.	0.9	2
36	Analysis of the preference on type of retirement pension for the seafarers in Korea. Asian Journal of Shipping and Logistics, 2021, 37, 37-44.	1.8	2

#	Article	IF	Citations
37	Enhancing the competitiveness of Korea's container shipping industry through structural improvements. Maritime Policy and Management, 2020, 47, 57-72.	1.9	1
38	Development of New Performance Measures Based on Data Mining Weights for Hotspot Identification. Transportation Research Record, 2022, 2676, 633-647.	1.0	1