

Nathan Huynh

List of Publications by Year in descending order

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25
papers

345
citations

1040056

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839539

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g-index

25
all docs

25
docs citations

25
times ranked

377
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimizing Energy Savings for a Fleet of Commercial Autonomous Trucks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 7570-7586.	8.0	6
2	Potential benefits of carrier collaboration in vehicle routing problem with pickup and delivery. Transportation Letters, 2022, 14, 258-273.	3.1	10
3	Assessing the likelihood of secondary crashes on freeways with Adaptive Signal Control System deployed on alternate routes. Journal of Safety Research, 2021, 76, 314-326.	3.6	6
4	A surrogate approach for estimating vehicle-related emissions under heterogenous traffic conditions. Journal of the Air and Waste Management Association, 2021, 71, 778-789.	1.9	0
5	Assessment of Operational Effectiveness of SynchroGreen Adaptive Signal Control System in South Carolina. Transportation Research Record, 2021, 2675, 714-728.	1.9	4
6	Exploring the Potential of Using Privately-Owned, Self-Driving Autonomous Vehicles for Evacuation Assistance. Journal of Advanced Transportation, 2021, 2021, 1-11.	1.7	1
7	Model for Collaboration among Carriers to Reduce Empty Container Truck Trips. Information (Switzerland), 2020, 11, 377.	2.9	7
8	Multi-Period Optimization Model for Siting Capacitated Intermodal Facilities. Transportation Research Record, 2020, 2674, 135-147.	1.9	1
9	Injury severity analysis of truck-involved crashes under different weather conditions. Accident Analysis and Prevention, 2020, 141, 105529.	5.7	58
10	Reliable Routing of Road-Rail Intermodal Freight under Uncertainty. Networks and Spatial Economics, 2019, 19, 929-952.	1.6	28
11	Integrated drayage scheduling problem with stochastic container packing and unpacking times. Journal of the Operational Research Society, 2019, 70, 793-806.	3.4	5
12	Assessing operating room turnover time via the use of mobile application. MHealth, 2018, 4, 12-12.	1.6	9
13	Operating room turnover time autocorrelation while using mobile applications. MHealth, 2018, 4, 38-38.	1.6	0
14	Development of Statewide Annual Average Daily Traffic Estimation Model from Short-Term Counts: A Comparative Study for South Carolina. Transportation Research Record, 2018, 2672, 55-64.	1.9	13
15	An empirical examination of surgeon experience, surgeon rating, and costs in perioperative services. Journal of Operations Management, 2018, 61, 68-81.	5.2	12
16	Operational analysis of a connected vehicle-supported access control on urban arterials. IET Intelligent Transport Systems, 2018, 12, 134-142.	3.0	5
17	Truck-involved crashes injury severity analysis for different lighting conditions on rural and urban roadways. Accident Analysis and Prevention, 2017, 108, 44-55.	5.7	83
18	Reliable Intermodal Freight Network Expansion with Demand Uncertainties and Network Disruptions. Networks and Spatial Economics, 2017, 17, 405-433.	1.6	24

#	ARTICLE	IF	CITATIONS
19	Assessment of the Nurse Medication Administration Workflow Process. Journal of Healthcare Engineering, 2016, 2016, 1-14.	1.9	9
20	A genetic algorithm heuristic for solving the quay crane scheduling problem with time windows. Maritime Economics and Logistics, 2015, 17, 515-537.	4.0	12
21	Yard crane scheduling at container terminals: A comparative study of centralized and decentralized approaches. Maritime Economics and Logistics, 2012, 14, 139-161.	4.0	21
22	Application of Computer Simulation Modeling to Medication Administration Process Redesign. Journal of Healthcare Engineering, 2012, 3, 649-661.	1.9	5
23	Evaluation of Medication Administration Process: Tools and Techniques. Journal of Healthcare Engineering, 2011, 2, 527-538.	1.9	4
24	The Use of a Mobile Application to Track Process Workflow in Perioperative Services. CIN - Computers Informatics Nursing, 2011, 29, 368-374.	0.5	2
25	Kernel-Based Machine Learning Models for Predicting Daily Truck Volume at Seaport Terminals. Journal of Transportation Engineering, 2010, 136, 1145-1152.	0.9	20