# Nathan Huynh

List of Publications by Year
in descending order

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|---|---|---|---|
| 25 papers | 345 citations | 1040056<br>9 h-index | 839539<br>18 g-index |
| 25 all docs | 25 docs citations | 25 times ranked | 377 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 1 | 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 |
| 2 | Injury severity analysis of truck-involved crashes under different weather conditions. Accident Analysis and Prevention, 2020, 141, 105529. | 5.7 | 58 |
| 3 | Reliable Routing of Road-Rail Intermodal Freight under Uncertainty. Networks and Spatial Economics, 2019, 19, 929-952. | 1.6 | 28 |
| 4 | Reliable Intermodal Freight Network Expansion with Demand Uncertainties and Network Disruptions. Networks and Spatial Economics, 2017, 17, 405-433. | 1.6 | 24 |
| 5 | 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 |
| 6 | Kernel-Based Machine Learning Models for Predicting Daily Truck Volume at Seaport Terminals. Journal of Transportation Engineering, 2010, 136, 1145-1152. | 0.9 | 20 |
| 7 | 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 |
| 8 | 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 |
| 9 | An empirical examination of surgeon experience, surgeon rating, and costs in perioperative services. Journal of Operations Management, 2018, 61, 68-81. | 5.2 | 12 |
| 10 | Potential benefits of carrier collaboration in vehicle routing problem with pickup and delivery. Transportation Letters, 2022, 14, 258-273. | 3.1 | 10 |
| 11 | Assessment of the Nurse Medication Administration Workflow Process. Journal of Healthcare Engineering, 2016, 2016, 1-14. | 1.9 | 9 |
| 12 | Assessing operating room turnover time via the use of mobile application. MHealth, 2018, 4, 12-12. | 1.6 | 9 |
| 13 | Model for Collaboration among Carriers to Reduce Empty Container Truck Trips. Information (Switzerland), 2020, 11, 377. | 2.9 | 7 |
| 14 | Optimizing Energy Savings for a Fleet of Commercial Autonomous Trucks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 7570-7586. | 8.0 | 6 |
| 15 | 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 |
| 16 | Application of Computer Simulation Modeling to Medication Administration Process Redesign. Journal of Healthcare Engineering, 2012, 3, 649-661. | 1.9 | 5 |
| 17 | Integrated drayage scheduling problem with stochastic container packing and unpacking times. Journal of the Operational Research Society, 2019, 70, 793-806. | 3.4 | 5 |
| 18 | Operational analysis of a connected vehicle–supported access control on urban arterials. IET Intelligent Transport Systems, 2018, 12, 134-142. | 3.0 | 5 |

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|---|---------|-----|-----------|
| 19 | Evaluation of Medication Administration Process: Tools and Techniques. Journal of Healthcare Engineering, 2011, 2, 527-538. | 1.9 | 4 |
| 20 | Assessment of Operational Effectiveness of SynchroGreen Adaptive Signal Control System in South Carolina. Transportation Research Record, 2021, 2675, 714-728. | 1.9 | 4 |
| 21 | The Use of a Mobile Application to Track Process Workflow in Perioperative Services. CIN - Computers Informatics Nursing, 2011, 29, 368-374. | 0.5 | 2 |
| 22 | Multi-Period Optimization Model for Siting Capacitated Intermodal Facilities. Transportation Research Record, 2020, 2674, 135-147. | 1.9 | 1 |
| 23 | 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 |
| 24 | Operating room turnover time autocorrelation while using mobile applications. MHealth, 2018, 4, 38-38. | 1.6 | 0 |
| 25 | 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 |