Junayed Pasha

List of Publications by Year
in descending order

26 papers	1,109 citations	430874 18 h-index	552781 26 g-index
27 all docs	27 docs citations	27 times ranked	613 citing authors

#	Article	IF	Citations
1	Development of exact and heuristic optimization methods for safety improvement projects at level crossings under conflicting objectives. Reliability Engineering and System Safety, 2022, 220, 108296.	8.9	35
2	The Drone Scheduling Problem: A Systematic State-of-the-Art Review. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 14224-14247.	8.0	46
3	Safety and Delays at Level Crossings in the United States: Addressing the Need for Multi-Objective Resource Allocation. Lecture Notes in Mobility, 2022, , 65-94.	0.2	3
4	Exact and metaheuristic algorithms for the vehicle routing problem with a factory-in-a-box in multi-objective settings. Advanced Engineering Informatics, 2022, 52, 101623.	8.0	136
5	Co-Optimization of Supply Chain Reconfiguration and Assembly Process Planning for Factory-in-a-Box Manufacturing. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2022, 144, .	2.2	3
6	Internet of Things for sustainable railway transportation: Past, present, and future. Cleaner Logistics and Supply Chain, 2022, 4, 100065.	6.0	33
7	Vessel Schedule Recovery in Liner Shipping: Modeling Alternative Recovery Options. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 6420-6434.	8.0	43
8	Vessel scheduling in liner shipping: a critical literature review and future research needs. Flexible Services and Manufacturing Journal, 2021, 33, 43-106.	3.4	43
9	An integrated optimization method for tactical-level planning in liner shipping with heterogeneous ship fleet and environmental considerations. Advanced Engineering Informatics, 2021, 48, 101299.	8.0	98
10	Truck scheduling optimization at a cold-chain cross-docking terminal with product perishability considerations. Computers and Industrial Engineering, 2021, 156, 107240.	6.3	69
11	A Holistic Analysis of Train-Vehicle Accidents at Highway-Rail Grade Crossings in Florida. Sustainability, 2021, 13, 8842.	3.2	10
12	Towards improving sustainability of rail transport by reducing traffic delays at level crossings: A case study for the State of Florida. Cleaner Logistics and Supply Chain, 2021, 1, 100001.	6.0	12
13	Deployment of Autonomous Trains in Rail Transportation: Current Trends and Existing Challenges. IEEE Access, 2021, 9, 91427-91461.	4.2	51
14	Multiobjective Optimization Model for Emergency Evacuation Planning in Geographical Locations with Vulnerable Population Groups. Journal of Management in Engineering - ASCE, 2020, 36, .	4.8	37
15	An Optimization Model and Solution Algorithms for the Vehicle Routing Problem With a "Factory-in-a-Box". IEEE Access, 2020, 8, 134743-134763.	4.2	83
16	Accident and hazard prediction models for highway–rail grade crossings: a state-of-the-practice review for the USA. Railway Engineering Science, 2020, 28, 251-274.	4.4	21
17	A Comprehensive Assessment of the Existing Accident and Hazard Prediction Models for the Highway-Rail Grade Crossings in the State of Florida. Sustainability, 2020, 12, 4291.	3.2	14
18	Development of Algorithms for Effective Resource Allocation among Highway–Rail Grade Crossings: A Case Study for the State of Florida. Energies, 2020, 13, 1419.	3.1	14

#	Article	IF	Citations
19	Holistic tactical-level planning in liner shipping: an exact optimization approach. Journal of Shipping and Trade, 2020, 5, .	1.9	32
20	An augmented self-adaptive parameter control in evolutionary computation: A case study for the berth scheduling problem. Advanced Engineering Informatics, 2019, 42, 100972.	8.0	67
21	A Vessel Schedule Recovery Problem at the Liner Shipping Route with Emission Control Areas. Energies, 2019, 12, 2380.	3.1	52
22	Truck Scheduling at Cross-Docking Terminals: A Follow-Up State-Of-The-Art Review. Sustainability, 2019, 11, 5245.	3.2	37
23	Assembly System Configuration Design for Reconfigurability Under Uncertain Production Evolution. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2019, 141, .	2.2	5
24	Exact and heuristic solution algorithms for efficient emergency evacuation in areas with vulnerable populations. International Journal of Disaster Risk Reduction, 2019, 39, 101114.	3.9	61
25	Berth scheduling at marine container terminals. Maritime Business Review, 2019, 5, 30-66.	1.8	62
26	A Self-Adaptive Evolutionary Algorithm for the Berth Scheduling Problem: Towards Efficient Parameter Control. Algorithms, 2018, 11, 100.	2.1	42