

# Junayed Pasha

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Exact and metaheuristic algorithms for the vehicle routing problem with a factory-in-a-box in multi-objective settings. <i>Advanced Engineering Informatics</i> , 2022, 52, 101623.	8.0	136
2	An integrated optimization method for tactical-level planning in liner shipping with heterogeneous ship fleet and environmental considerations. <i>Advanced Engineering Informatics</i> , 2021, 48, 101299.	8.0	98
3	An Optimization Model and Solution Algorithms for the Vehicle Routing Problem With a "Factory-in-a-Box". <i>IEEE Access</i> , 2020, 8, 134743-134763.	4.2	83
4	Truck scheduling optimization at a cold-chain cross-docking terminal with product perishability considerations. <i>Computers and Industrial Engineering</i> , 2021, 156, 107240.	6.3	69
5	An augmented self-adaptive parameter control in evolutionary computation: A case study for the berth scheduling problem. <i>Advanced Engineering Informatics</i> , 2019, 42, 100972.	8.0	67
6	Berth scheduling at marine container terminals. <i>Maritime Business Review</i> , 2019, 5, 30-66.	1.8	62
7	Exact and heuristic solution algorithms for efficient emergency evacuation in areas with vulnerable populations. <i>International Journal of Disaster Risk Reduction</i> , 2019, 39, 101114.	3.9	61
8	A Vessel Schedule Recovery Problem at the Liner Shipping Route with Emission Control Areas. <i>Energies</i> , 2019, 12, 2380.	3.1	52
9	Deployment of Autonomous Trains in Rail Transportation: Current Trends and Existing Challenges. <i>IEEE Access</i> , 2021, 9, 91427-91461.	4.2	51
10	The Drone Scheduling Problem: A Systematic State-of-the-Art Review. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 14224-14247.	8.0	46
11	Vessel Schedule Recovery in Liner Shipping: Modeling Alternative Recovery Options. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 6420-6434.	8.0	43
12	Vessel scheduling in liner shipping: a critical literature review and future research needs. <i>Flexible Services and Manufacturing Journal</i> , 2021, 33, 43-106.	3.4	43
13	A Self-Adaptive Evolutionary Algorithm for the Berth Scheduling Problem: Towards Efficient Parameter Control. <i>Algorithms</i> , 2018, 11, 100.	2.1	42
14	Truck Scheduling at Cross-Docking Terminals: A Follow-Up State-Of-The-Art Review. <i>Sustainability</i> , 2019, 11, 5245.	3.2	37
15	Multiobjective Optimization Model for Emergency Evacuation Planning in Geographical Locations with Vulnerable Population Groups. <i>Journal of Management in Engineering - ASCE</i> , 2020, 36, .	4.8	37
16	Development of exact and heuristic optimization methods for safety improvement projects at level crossings under conflicting objectives. <i>Reliability Engineering and System Safety</i> , 2022, 220, 108296.	8.9	35
17	Internet of Things for sustainable railway transportation: Past, present, and future. <i>Cleaner Logistics and Supply Chain</i> , 2022, 4, 100065.	6.0	33
18	Holistic tactical-level planning in liner shipping: an exact optimization approach. <i>Journal of Shipping and Trade</i> , 2020, 5, .	1.9	32

#	ARTICLE	IF	CITATIONS
19	Accident and hazard prediction models for highwayâ€“rail grade crossings: a state-of-the-practice review for the USA. <i>Railway Engineering Science</i> , 2020, 28, 251-274.	4.4	21
20	A Comprehensive Assessment of the Existing Accident and Hazard Prediction Models for the Highway-Rail Grade Crossings in the State of Florida. <i>Sustainability</i> , 2020, 12, 4291.	3.2	14
21	Development of Algorithms for Effective Resource Allocation among Highwayâ€“Rail Grade Crossings: A Case Study for the State of Florida. <i>Energies</i> , 2020, 13, 1419.	3.1	14
22	Towards improving sustainability of rail transport by reducing traffic delays at level crossings: A case study for the State of Florida. <i>Cleaner Logistics and Supply Chain</i> , 2021, 1, 100001.	6.0	12
23	A Holistic Analysis of Train-Vehicle Accidents at Highway-Rail Grade Crossings in Florida. <i>Sustainability</i> , 2021, 13, 8842.	3.2	10
24	Assembly System Configuration Design for Reconfigurability Under Uncertain Production Evolution. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2019, 141, .	2.2	5
25	Safety and Delays at Level Crossings in the United States: Addressing the Need for Multi-Objective Resource Allocation. <i>Lecture Notes in Mobility</i> , 2022, , 65-94.	0.2	3
26	Co-Optimization of Supply Chain Reconfiguration and Assembly Process Planning for Factory-in-a-Box Manufacturing. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2022, 144, .	2.2	3