Mahmoud Masoud

List of Publications by Year
in descending order

45 papers	519 citations	759233 12 h-index	713466 21 g-index
46 all docs	46 docs citations	46 times ranked	360 citing authors

#	Article	IF	Citations
1	Innovation-driven industrial green development: The moderating role of regional factors. Journal of Cleaner Production, 2019, 222, 344-354.	9.3	77
2	A comparative analysis of e-scooter and e-bike usage patterns: Findings from the City of Austin, TX. International Journal of Sustainable Transportation, 2021, 15, 571-579.	4.1	60
3	Perception Analysis of E-Scooter Riders and Non-Riders in Riyadh, Saudi Arabia: Survey Outputs. Sustainability, 2021, 13, 863.	3.2	47
4	Crash severity analysis of vulnerable road users using machine learning. PLoS ONE, 2021, 16, e0255828.	2.5	33
5	Job shop scheduling with a combination of four buffering constraints. International Journal of Production Research, 2018, 56, 3274-3293.	7.5	29
6	An improved evaluation framework for industrial green development: Considering the underlying conditions. Ecological Indicators, 2020, 112, 106044.	6.3	28
7	Heuristic Approaches to Solve E-Scooter Assignment Problem. IEEE Access, 2019, 7, 175093-175105.	4.2	25
8	Green development performance of water resources and its economic-related determinants. Journal of Cleaner Production, 2019, 239, 118048.	9.3	19
9	A job-shop scheduling approach for optimising sugarcane rail operations. Flexible Services and Manufacturing Journal, 2011, 23, 181-206.	3.4	18
10	An integrated approach to optimise sugarcane rail operations. Computers and Industrial Engineering, 2016, 98, 211-220.	6.3	17
11	Hybrid metaheuristic techniques for optimising sugarcane rail operations. International Journal of Production Research, 2015, 53, 2569-2589.	7.5	15
12	A new constraint programming approach for optimising a coal rail system. Optimization Letters, 2017, 11, 725-738.	1.6	15
13	Harvesting and transport operations to optimise biomass supply chain and industrial biorefinery processes. International Journal of Industrial Engineering Computations, 2018, , 265-288.	0.7	14
14	A review of naturalistic driving study surrogates and surrogate indicator viability within the context of different road geometries. Accident Analysis and Prevention, 2021, 157, 106185.	5.7	12
15	How is China's energy security affected by exogenous shocks? Evidence of China–US trade dispute and COVID-19 pandemic. Discover Energy, 2021, 1, 1.	1.8	10
16	Optimal Assignment of e-scooter to Chargers. , 2019, , .		8
17	Simulation Study on an ICT-Based Maritime Management and Safety Framework for Movable Bridges. Applied Sciences (Switzerland), 2021, 11, 7198.	2.5	8
18	A New Multi-Objective Model to Optimise Rail Transport Scheduler. Journal of Transportation Technologies, 2016, 06, 86-98.	0.5	8

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19	A traffic congestion analysis by user equilibrium and system optimum with incomplete information. Journal of Combinatorial Optimization, 2022, 43, 1391-1404.	1.3	7
20	Deep Transfer Learning for Vulnerable Road Users Detection using Smartphone Sensors Data. Remote Sensing, 2020, 12, 3508.	4.0	7
21	A Novel Crowdsourcing Model for Micro-Mobility Ride-Sharing Systems. Sensors, 2021, 21, 4636.	3.8	7
22	Deep Transfer Learning Based Intersection Trajectory Movement Classification for Big Connected Vehicle Data. IEEE Access, 2021, 9, 141830-141842.	4.2	7
23	Hybrid pointer networks for traveling salesman problems optimization. PLoS ONE, 2021, 16, e0260995.	2.5	6
24	Developing a versatile simulation, scheduling and economic model framework for bioenergy production systems. International Journal of Industrial Engineering Computations, 2019, , 17-36.	0.7	5
25	A comparative study on three graph-based constructive algorithms for multi-stage scheduling with blocking. Journal of Industrial and Management Optimization, 2019, 15, 221-233.	1.3	5
26	A heuristic approach for scheduling patient treatment in an emergency department based on bed blocking. International Journal of Industrial Engineering Computations, 2020, , 565-584.	0.7	5
27	A framework for testing independence between lane change and cooperative intelligent transportation system. PLoS ONE, 2020, 15, e0229289.	2.5	4
28	A Review on Drivers' Red Light Running Behavior Predictions and Technology Based Countermeasures. IEEE Access, 2022, 10, 25309-25326.	4.2	4
29	Experimental dataset for optimising the freight rail operations. Data in Brief, 2016, 9, 492-500.	1.0	3
30	Vulnerable Road User Detection Using Smartphone Sensors and Recurrence Quantification Analysis. , 2019, , .		3
31	A New Approach to Improve the Topological Stability in Non-Linear Dimensionality Reduction. IEEE Access, 2020, 8, 33898-33908.	4.2	3
32	On Multi-Objective Multi-Item Solid Transportation Problem in Fuzzy Environment. International Journal of Applied and Computational Mathematics, 2021, 7, 1.	1.6	2
33	Solving the Emergency Care Patient Pathway by a New Integrated Simulation-Optimisation Approach. IEEE Access, 2021, 9, 100895-100910.	4.2	2
34	Solving pickup and drop-off problem using hybrid pointer networks with deep reinforcement learning. PLoS ONE, 2022, 17, e0267199.	2.5	2
35	A fuzzy goal programming approach for solving fuzzy multi-objective stochastic linear programming problem. , 2019, , .		1
36	A New Mathematical Approach to Solve Bike Share System Station Imbalances Based On Portable Stations. , 2019, , .		1

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37	A new algorithm for solving uncapacitated transportation problem with interval-defined demands and suppliers capacities. Journal of Intelligent and Fuzzy Systems, 2021, 41, 625-637.	1.4	1
38	A Real-World Transport Scheduler Applied to Australian Sugarcane Industry. , 2020, , .		1
39	User Equilibrium and System Optimum with Incomplete Information In Traffic Congestion. , 2019, , .		0
40	A classification and literature survey on aviation management. , 2019, , .		0
41	Title is missing!. , 2020, 15, e0229289.		0
42	Title is missing!. , 2020, 15, e0229289.		0
43	Title is missing!. , 2020, 15, e0229289.		0
44	Title is missing!. , 2020, 15, e0229289.		0
45	Title is missing!. , 2020, 15, e0229289.		0