

Mahmoud Masoud

List of Publications by Year in descending order

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Version: 2024-02-01

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	A traffic congestion analysis by user equilibrium and system optimum with incomplete information. <i>Journal of Combinatorial Optimization</i> , 2022, 43, 1391-1404.	1.3	7
2	A Review on Drivers' Red Light Running Behavior Predictions and Technology Based Countermeasures. <i>IEEE Access</i> , 2022, 10, 25309-25326.	4.2	4
3	Solving pickup and drop-off problem using hybrid pointer networks with deep reinforcement learning. <i>PLoS ONE</i> , 2022, 17, e0267199.	2.5	2
4	A comparative analysis of e-scooter and e-bike usage patterns: Findings from the City of Austin, TX. <i>International Journal of Sustainable Transportation</i> , 2021, 15, 571-579.	4.1	60
5	Perception Analysis of E-Scooter Riders and Non-Riders in Riyadh, Saudi Arabia: Survey Outputs. <i>Sustainability</i> , 2021, 13, 863.	3.2	47
6	On Multi-Objective Multi-Item Solid Transportation Problem in Fuzzy Environment. <i>International Journal of Applied and Computational Mathematics</i> , 2021, 7, 1.	1.6	2
7	A review of naturalistic driving study surrogates and surrogate indicator viability within the context of different road geometries. <i>Accident Analysis and Prevention</i> , 2021, 157, 106185.	5.7	12
8	How is China's energy security affected by exogenous shocks? Evidence of China's US trade dispute and COVID-19 pandemic. <i>Discover Energy</i> , 2021, 1, 1.	1.8	10
9	A Novel Crowdsourcing Model for Micro-Mobility Ride-Sharing Systems. <i>Sensors</i> , 2021, 21, 4636.	3.8	7
10	Crash severity analysis of vulnerable road users using machine learning. <i>PLoS ONE</i> , 2021, 16, e0255828.	2.5	33
11	A new algorithm for solving uncapacitated transportation problem with interval-defined demands and suppliers capacities. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021, 41, 625-637.	1.4	1
12	Simulation Study on an ICT-Based Maritime Management and Safety Framework for Movable Bridges. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7198.	2.5	8
13	Solving the Emergency Care Patient Pathway by a New Integrated Simulation-Optimisation Approach. <i>IEEE Access</i> , 2021, 9, 100895-100910.	4.2	2
14	Deep Transfer Learning Based Intersection Trajectory Movement Classification for Big Connected Vehicle Data. <i>IEEE Access</i> , 2021, 9, 141830-141842.	4.2	7
15	Hybrid pointer networks for traveling salesman problems optimization. <i>PLoS ONE</i> , 2021, 16, e0260995.	2.5	6
16	Deep Transfer Learning for Vulnerable Road Users Detection using Smartphone Sensors Data. <i>Remote Sensing</i> , 2020, 12, 3508.	4.0	7
17	A New Approach to Improve the Topological Stability in Non-Linear Dimensionality Reduction. <i>IEEE Access</i> , 2020, 8, 33898-33908.	4.2	3
18	An improved evaluation framework for industrial green development: Considering the underlying conditions. <i>Ecological Indicators</i> , 2020, 112, 106044.	6.3	28

#	ARTICLE	IF	CITATIONS
19	A framework for testing independence between lane change and cooperative intelligent transportation system. PLoS ONE, 2020, 15, e0229289.	2.5	4
20	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
21	A Real-World Transport Scheduler Applied to Australian Sugarcane Industry. , 2020, , .		1
22	Title is missing!. , 2020, 15, e0229289.		0
23	Title is missing!. , 2020, 15, e0229289.		0
24	Title is missing!. , 2020, 15, e0229289.		0
25	Title is missing!. , 2020, 15, e0229289.		0
26	Title is missing!. , 2020, 15, e0229289.		0
27	Green development performance of water resources and its economic-related determinants. Journal of Cleaner Production, 2019, 239, 118048.	9.3	19
28	Innovation-driven industrial green development: The moderating role of regional factors. Journal of Cleaner Production, 2019, 222, 344-354.	9.3	77
29	User Equilibrium and System Optimum with Incomplete Information In Traffic Congestion. , 2019, , .		0
30	A fuzzy goal programming approach for solving fuzzy multi-objective stochastic linear programming problem. , 2019, , .		1
31	Optimal Assignment of e-scooter to Chargers. , 2019, , .		8
32	A New Mathematical Approach to Solve Bike Share System Station Imbalances Based On Portable Stations. , 2019, , .		1
33	Heuristic Approaches to Solve E-Scooter Assignment Problem. IEEE Access, 2019, 7, 175093-175105.	4.2	25
34	Vulnerable Road User Detection Using Smartphone Sensors and Recurrence Quantification Analysis. , 2019, , .		3
35	A classification and literature survey on aviation management. , 2019, , .		0
36	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

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37	A comparative study on three graph-based constructive algorithms for multi-stage scheduling with blocking. <i>Journal of Industrial and Management Optimization</i> , 2019, 15, 221-233.	1.3	5
38	Job shop scheduling with a combination of four buffering constraints. <i>International Journal of Production Research</i> , 2018, 56, 3274-3293.	7.5	29
39	Harvesting and transport operations to optimise biomass supply chain and industrial biorefinery processes. <i>International Journal of Industrial Engineering Computations</i> , 2018, , 265-288.	0.7	14
40	A new constraint programming approach for optimising a coal rail system. <i>Optimization Letters</i> , 2017, 11, 725-738.	1.6	15
41	An integrated approach to optimise sugarcane rail operations. <i>Computers and Industrial Engineering</i> , 2016, 98, 211-220.	6.3	17
42	Experimental dataset for optimising the freight rail operations. <i>Data in Brief</i> , 2016, 9, 492-500.	1.0	3
43	A New Multi-Objective Model to Optimise Rail Transport Scheduler. <i>Journal of Transportation Technologies</i> , 2016, 06, 86-98.	0.5	8
44	Hybrid metaheuristic techniques for optimising sugarcane rail operations. <i>International Journal of Production Research</i> , 2015, 53, 2569-2589.	7.5	15
45	A job-shop scheduling approach for optimising sugarcane rail operations. <i>Flexible Services and Manufacturing Journal</i> , 2011, 23, 181-206.	3.4	18