Amila Thibbotuwawa

List of Publications by Year
in descending order

15	351	932766 10	996533 15
papers	citations	h-index	g-index

16	16	16	197
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Close-Open Mixed Vehicle Routing Optimization Model with Multiple Collecting Centers to Collect Farmers' Perishable Produce. , 2022, , .		11
2	Rule-based dynamic container stacking to optimize yard operations at port terminals. Maritime Transport Research, 2021, 2, 100034.	1.5	4
3	UAVs Fleet Mission Planning Subject to Weather Fore-Cast and Energy Consumption Constraints. Advances in Intelligent Systems and Computing, 2020, , 104-114.	0.5	8
4	Unmanned Aerial Vehicle Routing Problems: A Literature Review. Applied Sciences (Switzerland), 2020, 10, 4504.	1.3	41
5	Review on lowâ€temperature heat pump drying applications in food industry: Cooling with dehumidification drying method. Journal of Food Process Engineering, 2020, 43, e13502.	1.5	20
6	UAV Mission Planning Resistant to Weather Uncertainty. Sensors, 2020, 20, 515.	2.1	59
7	Human Factor in Forecasting and Behavioral Inventory Decisions: A System Dynamics Perspective. Lecture Notes in Logistics, 2020, , 516-526.	0.6	10
8	Declarative UAVs Fleet Mission Planning: A Dynamic VRP Approach. Lecture Notes in Computer Science, 2020, , 188-202.	1.0	3
9	A Solution Approach for UAV Fleet Mission Planning in Changing Weather Conditions. Applied Sciences (Switzerland), 2019, 9, 3972.	1.3	22
10	Planning deliveries with UAV routing under weather forecast and energy consumption constraints. IFAC-PapersOnLine, 2019, 52, 820-825.	0.5	39
11	Energy Consumption in Unmanned Aerial Vehicles: A Review of Energy Consumption Models and Their Relation to the UAV Routing. Advances in Intelligent Systems and Computing, 2019, , 173-184.	0.5	55
12	Factors Affecting Energy Consumption of Unmanned Aerial Vehicles: An Analysis of How Energy Consumption Changes in Relation to UAV Routing. Advances in Intelligent Systems and Computing, 2019, , 228-238.	0.5	13
13	Routing and Scheduling of Unmanned Aerial Vehicles Subject to Cyclic Production Flow Constraints. Advances in Intelligent Systems and Computing, 2019, , 75-86.	0.5	20
14	A Declarative Modelling Framework for Routing of Multiple UAVs in a System with Mobile Battery Swapping Stations. Advances in Intelligent Systems and Computing, 2019, , 429-441.	0.5	8
15	Computational Intelligence in Control of AGV Multimodal Systems. IFAC-PapersOnLine, 2018, 51, 1421-1427.	0.5	30