

Amila Thibbotuwawa

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

351
citations

932766

10
h-index

996533

15
g-index

16
all docs

16
docs citations

16
times ranked

197
citing authors

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