

R John Milne

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

472
citations

759233

12
h-index

677142

22
g-index

28
all docs

28
docs citations

28
times ranked

174
citing authors

#	ARTICLE	IF	CITATIONS
1	A new method for boarding passengers onto an airplane. <i>Journal of Air Transport Management</i> , 2014, 34, 93-100.	4.5	87
2	Optimization of assigning passengers to seats on airplanes based on their carry-on luggage. <i>Journal of Air Transport Management</i> , 2016, 54, 104-110.	4.5	59
3	Social distancing in airplane seat assignments. <i>Journal of Air Transport Management</i> , 2020, 89, 101915.	4.5	41
4	Airplane boarding methods that reduce risk from COVID-19. <i>Safety Science</i> , 2021, 134, 105061.	4.9	40
5	Evaluating Classical Airplane Boarding Methods Considering COVID-19 Flying Restrictions. <i>Symmetry</i> , 2020, 12, 1087.	2.2	39
6	New methods for two-door airplane boarding using apron buses. <i>Journal of Air Transport Management</i> , 2019, 80, 101705.	4.5	35
7	Evaluation of Boarding Methods Adapted for Social Distancing When Using Apron Buses. <i>IEEE Access</i> , 2020, 8, 151650-151667.	4.2	23
8	Robust Optimization of Airplane Passenger Seating Assignments. <i>Aerospace</i> , 2018, 5, 80.	2.2	22
9	Methods for Accelerating the Airplane Boarding Process in the Presence of Apron Buses. <i>IEEE Access</i> , 2019, 7, 134372-134387.	4.2	20
10	Adapting the reverse pyramid airplane boarding method for social distancing in times of COVID-19. <i>PLoS ONE</i> , 2020, 15, e0242131.	2.5	20
11	Greedy Method for Boarding a Partially Occupied Airplane Using Apron Buses. <i>Symmetry</i> , 2019, 11, 1221.	2.2	13
12	Airplane Boarding Method for Passenger Groups When Using Apron Buses. <i>IEEE Access</i> , 2020, 8, 18019-18035.	4.2	13
13	Grey clustering of the variations in the back-to-front airplane boarding method considering COVID-19 flying restrictions. <i>Grey Systems Theory and Application</i> , 2022, 12, 25-59.	2.1	11
14	Testing New Methods for Boarding a Partially Occupied Airplane Using Apron Buses. <i>Symmetry</i> , 2019, 11, 1044.	2.2	8
15	Airplane boarding optimization considering reserved seats and passengers' carry-on bags. <i>Opsearch</i> , 2019, 56, 806-823.	1.8	8
16	A production scheduling problem with sequence-dependent changeover costs. <i>International Journal of Production Research</i> , 2014, 52, 4093-4102.	7.5	7
17	Determining the Number of Passengers for Each of Three Reverse Pyramid Boarding Groups with COVID-19 Flying Restrictions. <i>Symmetry</i> , 2020, 12, 2038.	2.2	7
18	Analytical Model for Enhancing the Adoptability of Continuous Descent Approach at Airports. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1506.	2.5	5

#	ARTICLE	IF	CITATIONS
19	Minimizing health risks as a function of the number of airplane boarding groups. <i>Transportmetrica B</i> , 2022, 10, 901-922.	2.3	4
20	An Investigation of Social Distancing and Quantity of Luggage Impacts on the Three Groups Reverse Pyramid Boarding Method. <i>Symmetry</i> , 2021, 13, 544.	2.2	3
21	Evaluating Classical Airplane Boarding Methods for Passenger Health during Normal Times. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3235.	2.5	3
22	Enhancing mathematical programming models to account for demand priorities increasing as a function of delivery date. <i>Journal of Industrial and Production Engineering</i> , 2014, 31, 51-63.	3.1	2
23	Social distancing in airplane seat assignments for passenger groups. <i>Transportmetrica B</i> , 2022, 10, 1070-1098.	2.3	2
24	Special Issue Editors' Note: 2017 Wagner Prize Finalist Carbajal et al./Turner Broadcasting System. <i>Interfaces</i> , 2018, 48, 402-402.	1.5	0
25	Introduction: 2018 Franz Edelman Award for Achievement in Advanced Analytics, Operations Research, and Management Science. <i>Interfaces</i> , 2019, 49, 3-6.	1.5	0
26	Introduction: 2019 Franz Edelman Award for Achievement in Advanced Analytics, Operations Research, and Management Science. <i>Interfaces</i> , 2020, 50, 3-6.	1.5	0
27	Introduction: 2020 Franz Edelman Award for Achievement in Advanced Analytics, Operations Research, and Management Science. <i>Interfaces</i> , 2021, 51, 6-8.	1.5	0
28	Introduction: 2021 Franz Edelman Award for Achievement in Advanced Analytics, Operations Research, and Management Science. <i>INFORMS Journal on Applied Analytics</i> , 2022, 52, 4-7.	1.1	0