

Bruno F Santos

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

540
citations

566801

15
h-index

642321

23
g-index

26
all docs

26
docs citations

26
times ranked

418
citing authors

#	ARTICLE	IF	CITATIONS
1	The impact of transport policies on railroad intermodal freight competitiveness – The case of Belgium. <i>Transportation Research, Part D: Transport and Environment</i> , 2015, 34, 230-244.	3.2	75
2	A practical dynamic programming based methodology for aircraft maintenance check scheduling optimization. <i>European Journal of Operational Research</i> , 2020, 281, 256-273.	3.5	56
3	Integrating Equity Objectives in a Road Network Design Model. <i>Transportation Research Record</i> , 2008, 2089, 35-42.	1.0	53
4	Interurban road network planning model with accessibility and robustness objectives. <i>Transportation Planning and Technology</i> , 2010, 33, 297-313.	0.9	40
5	Airline delay management problem with airport capacity constraints and priority decisions. <i>Journal of Air Transport Management</i> , 2017, 63, 34-44.	2.4	35
6	Airline disruption management: A literature review and practical challenges. <i>Computers and Operations Research</i> , 2021, 127, 105137.	2.4	30
7	A novel decision support system for optimizing aircraft maintenance check schedule and task allocation. <i>Decision Support Systems</i> , 2021, 146, 113545.	3.5	29
8	A bin packing approach to solve the aircraft maintenance task allocation problem. <i>European Journal of Operational Research</i> , 2021, 294, 365-376.	3.5	25
9	The recoverable robust stand allocation problem: a GRU airport case study. <i>OR Spectrum</i> , 2019, 41, 615-639.	2.1	24
10	Integrating Vehicle Emission Modeling with Activity-Based Travel Demand Modeling. <i>Transportation Research Record</i> , 2007, 2011, 29-39.	1.0	21
11	Scenario tree airline fleet planning for demand uncertainty. <i>Journal of Air Transport Management</i> , 2017, 65, 198-208.	2.4	20
12	Dynamic aircraft recovery problem - An operational decision support framework. <i>Computers and Operations Research</i> , 2020, 117, 104892.	2.4	20
13	Multiobjective Approach to Long-Term Interurban Multilevel Road Network Planning. <i>Journal of Transportation Engineering</i> , 2009, 135, 640-649.	0.9	17
14	Aircraft Maintenance Check Scheduling Using Reinforcement Learning. <i>Aerospace</i> , 2021, 8, 113.	1.1	17
15	Aircraft Schedule Recovery Problem – A Dynamic Modeling Framework for Daily Operations. <i>Transportation Research Procedia</i> , 2015, 10, 931-940.	0.8	15
16	Simulation-Based Travel Time Reliable Signal Control. <i>Transportation Science</i> , 2019, 53, 523-544.	2.6	15
17	Lookahead approximate dynamic programming for stochastic aircraft maintenance check scheduling optimization. <i>European Journal of Operational Research</i> , 2022, 299, 814-833.	3.5	10
18	Portfolio-based airline fleet planning under stochastic demand. <i>Omega</i> , 2020, 97, 102101.	3.6	9

#	ARTICLE	IF	CITATIONS
19	A combined forecasting and packing model for air cargo loading: A risk-averse framework. Transportation Research, Part E: Logistics and Transportation Review, 2022, 158, 102579.	3.7	8
20	Robust long-term aircraft heavy maintenance check scheduling optimization under uncertainty. Computers and Operations Research, 2022, 141, 105667.	2.4	7
21	Retirement optimization through aircraft transfers and employment. Journal of Air Transport Management, 2019, 79, 101680.	2.4	4
22	Introduction to the Special Section: Air Transportation Systems Planning and Operations Under Uncertainty. Transportation Science, 2020, 54, 855-857.	2.6	3
23	A decentralized approach to formation flight routing of long-haul commercial flights. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2019, 233, 2992-3004.	0.7	2
24	Optimizing the prices for airline flight passes. Transportation Research Procedia, 2019, 37, 266-273.	0.8	2
25	Dynamic evaluation of airline Crews' flight requests using a neural network. EURO Journal on Transportation and Logistics, 2020, 9, 100018.	1.3	2
26	CHAIRS: A choice-based air transport simulator applied to airline competition and revenue management. Transportation Research, Part A: Policy and Practice, 2022, 155, 297-315.	2.0	1