

Bruno F Santos

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

540
citations

567281

15
h-index

642732

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. Transportation Research, Part D: Transport and Environment, 2015, 34, 230-244.	6.8	75
2	A practical dynamic programming based methodology for aircraft maintenance check scheduling optimization. European Journal of Operational Research, 2020, 281, 256-273.	5.7	56
3	Integrating Equity Objectives in a Road Network Design Model. Transportation Research Record, 2008, 2089, 35-42.	1.9	53
4	Interurban road network planning model with accessibility and robustness objectives. Transportation Planning and Technology, 2010, 33, 297-313.	2.0	40
5	Airline delay management problem with airport capacity constraints and priority decisions. Journal of Air Transport Management, 2017, 63, 34-44.	4.5	35
6	Airline disruption management: A literature review and practical challenges. Computers and Operations Research, 2021, 127, 105137.	4.0	30
7	A novel decision support system for optimizing aircraft maintenance check schedule and task allocation. Decision Support Systems, 2021, 146, 113545.	5.9	29
8	A bin packing approach to solve the aircraft maintenance task allocation problem. European Journal of Operational Research, 2021, 294, 365-376.	5.7	25
9	The recoverable robust stand allocation problem: a GRU airport case study. OR Spectrum, 2019, 41, 615-639.	3.4	24
10	Integrating Vehicle Emission Modeling with Activity-Based Travel Demand Modeling. Transportation Research Record, 2007, 2011, 29-39.	1.9	21
11	Scenario tree airline fleet planning for demand uncertainty. Journal of Air Transport Management, 2017, 65, 198-208.	4.5	20
12	Dynamic aircraft recovery problem - An operational decision support framework. Computers and Operations Research, 2020, 117, 104892.	4.0	20
13	Multiobjective Approach to Long-Term Interurban Multilevel Road Network Planning. Journal of Transportation Engineering, 2009, 135, 640-649.	0.9	17
14	Aircraft Maintenance Check Scheduling Using Reinforcement Learning. Aerospace, 2021, 8, 113.	2.2	17
15	Aircraft Schedule Recovery Problem “ A Dynamic Modeling Framework for Daily Operations. Transportation Research Procedia, 2015, 10, 931-940.	1.5	15
16	Simulation-Based Travel Time Reliable Signal Control. Transportation Science, 2019, 53, 523-544.	4.4	15
17	Lookahead approximate dynamic programming for stochastic aircraft maintenance check scheduling optimization. European Journal of Operational Research, 2022, 299, 814-833.	5.7	10
18	Portfolio-based airline fleet planning under stochastic demand. Omega, 2020, 97, 102101.	5.9	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.	7.4	8
20	Robust long-term aircraft heavy maintenance check scheduling optimization under uncertainty. Computers and Operations Research, 2022, 141, 105667.	4.0	7
21	Retirement optimization through aircraft transfers and employment. Journal of Air Transport Management, 2019, 79, 101680.	4.5	4
22	Introduction to the Special Section: Air Transportation Systems Planning and Operations Under Uncertainty. Transportation Science, 2020, 54, 855-857.	4.4	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.	1.3	2
24	Optimizing the prices for airline flight passes. Transportation Research Procedia, 2019, 37, 266-273.	1.5	2
25	Dynamic evaluation of airline Crews' flight requests using a neural network. EURO Journal on Transportation and Logistics, 2020, 9, 100018.	2.2	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.	4.2	1