Bruno F Santos

List of Publications by Year
in descending order

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	Lookahead approximate dynamic programming for stochastic aircraft maintenance check scheduling optimization. European Journal of Operational Research, 2022, 299, 814-833.	3.5	10
2	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
3	Robust long-term aircraft heavy maintenance check scheduling optimization under uncertainty. Computers and Operations Research, 2022, 141, 105667.	2.4	7
4	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
5	Airline disruption management: A literature review and practical challenges. Computers and Operations Research, 2021, 127, 105137.	2.4	30
6	Aircraft Maintenance Check Scheduling Using Reinforcement Learning. Aerospace, 2021, 8, 113.	1.1	17
7	A novel decision support system for optimizing aircraft maintenance check schedule and task allocation. Decision Support Systems, 2021, 146, 113545.	3.5	29
8	A bin packing approach to solve the aircraft maintenance task allocation problem. European Journal of Operational Research, 2021, 294, 365-376.	3.5	25
9	A practical dynamic programming based methodology for aircraft maintenance check scheduling optimization. European Journal of Operational Research, 2020, 281, 256-273.	3.5	56
10	Portfolio-based airline fleet planning under stochastic demand. Omega, 2020, 97, 102101.	3.6	9
11	Introduction to the Special Section: Air Transportation Systems Planning and Operations Under Uncertainty. Transportation Science, 2020, 54, 855-857.	2.6	3
12	Dynamic aircraft recovery problem - An operational decision support framework. Computers and Operations Research, 2020, 117, 104892.	2.4	20
13	Dynamic evaluation of airline Crew's flight requests using a neural network. EURO Journal on Transportation and Logistics, 2020, 9, 100018.	1.3	2
14	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
15	The recoverable robust stand allocation problem: a GRU airport case study. OR Spectrum, 2019, 41, 615-639.	2.1	24
16	Optimizing the prices for airline flight passes. Transportation Research Procedia, 2019, 37, 266-273.	0.8	2
17	Retirement optimization through aircraft transfers and employment. Journal of Air Transport Management, 2019, 79, 101680.	2.4	4
18	Simulation-Based Travel Time Reliable Signal Control. Transportation Science, 2019, 53, 523-544.	2.6	15

#	ARTICLE	IF	CITATIONS
19	Airline delay management problem with airport capacity constraints and priority decisions. Journal of Air Transport Management, 2017, 63, 34-44.	2.4	35
20	Scenario tree airline fleet planning for demand uncertainty. Journal of Air Transport Management, 2017, 65, 198-208.	2.4	20
21	Aircraft Schedule Recovery Problem â€" A Dynamic Modeling Framework for Daily Operations. Transportation Research Procedia, 2015, 10, 931-940.	0.8	15
22	The impact of transport policies on railroad intermodal freight competitiveness â€" The case of Belgium. Transportation Research, Part D: Transport and Environment, 2015, 34, 230-244.	3.2	75
23	Interurban road network planning model with accessibility and robustness objectives. Transportation Planning and Technology, 2010, 33, 297-313.	0.9	40
24	Multiobjective Approach to Long-Term Interurban Multilevel Road Network Planning. Journal of Transportation Engineering, 2009, 135, 640-649.	0.9	17
25	Integrating Equity Objectives in a Road Network Design Model. Transportation Research Record, 2008, 2089, 35-42.	1.0	53
26	Integrating Vehicle Emission Modeling with Activity-Based Travel Demand Modeling. Transportation Research Record, 2007, 2011, 29-39.	1.0	21