Z X Wang

List of Publications by Year
in descending order

11 papers	214 citations	1307594 7 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	152 citing authors

#	Article	IF	Citations
1	A mathematical model and algorithms for the aircraft hangar maintenance scheduling problem. Applied Mathematical Modelling, 2019, 67, 491-509.	4.2	42
2	Joint optimization using a leader–follower Stackelberg game for coordinated configuration of stochastic operational aircraft maintenance routing and maintenance staffing. Computers and Industrial Engineering, 2018, 125, 46-68.	6.3	39
3	Data analytics in managing aircraft routing and maintenance staffing with price competition by a Stackelberg-Nash game model. Transportation Research, Part E: Logistics and Transportation Review, 2019, 122, 143-168.	7.4	28
4	A decision support model based on the combined structure of DEMATEL, QFD and fuzzy values. Soft Computing, 2020, 24, 12449-12468.	3.6	27
5	A reinforcement learning-based algorithm for the aircraft maintenance routing problem. Expert Systems With Applications, 2021, 169, 114399.	7.6	24
6	Robust Aircraft Maintenance Routing Problem Using a Turn-Around Time Reduction Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4919-4932.	9.3	19
7	Ensemble-learning based neural networks for novelty detection in multi-class systems. Applied Soft Computing Journal, 2020, 93, 106396.	7.2	15
8	Assembly Line Balancing Based on Beam Ant Colony Optimisation. Mathematical Problems in Engineering, 2018, 2018, 1-17.	1.1	9
9	A Family of Heuristic-Based Inequalities for Maximizing Overall Safety Margins in Aircraft Parking Stands Arrangement Problems. Mathematical Problems in Engineering, 2018, 2018, 1-16.	1.1	5
10	Coordinating aircraft maintenance routing and integrated maintenance staffing and rostering: a Stackelberg game theoretical model. International Journal of Production Research, 2022, 60, 7450-7474.	7.5	4
11	An extra-baggage service price setting with reference to cargo prices using multi-item newsvendor model. Computers and Industrial Engineering, 2019, 128, 877-885.	6.3	2