

Jacek Skorupski

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

542
citations

687363

13
h-index

677142

22
g-index

49
all docs

49
docs citations

49
times ranked

355
citing authors

#	ARTICLE	IF	CITATIONS
1	Effectiveness of Conflict Resolution Methods in Air Traffic Management. <i>Aerospace</i> , 2022, 9, 112.	2.2	3
2	Dynamic management of aircraft stand allocation. <i>Journal of Air Transport Management</i> , 2021, 90, 101964.	4.5	7
3	Assessment of the Method of Merging Landing Aircraft Streams in the Context of Fuel Consumption in the Airspace. <i>Sustainability</i> , 2021, 13, 12859.	3.2	7
4	Multi-criteria group decision-making approach to the modernization of hold baggage security screening system at an airport. <i>Journal of Air Transport Management</i> , 2020, 87, 101841.	4.5	5
5	Assessing the suitability of airport ground handling agents. <i>Journal of Air Transport Management</i> , 2020, 83, 101763.	4.5	10
6	A Simulation-Based Approach for the Conflict Resolution Method Optimization in a Distributed Air Traffic Control System. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 104-114.	0.6	2
7	A fuzzy inference approach to analysis of LPV-200 procedures influence on air traffic safety. <i>Transportation Research Part C: Emerging Technologies</i> , 2019, 106, 264-280.	7.6	11
8	A Method of Evaluating Air Traffic Controller Time Workload. <i>Communications in Computer and Information Science</i> , 2019, , 363-376.	0.5	1
9	A method of hold baggage security screening system throughput analysis with an application for a medium-sized airport. <i>Transportation Research Part C: Emerging Technologies</i> , 2018, 88, 52-73.	7.6	11
10	Evaluation of the effectiveness of an airport passenger and baggage security screening system. <i>Journal of Air Transport Management</i> , 2018, 66, 53-64.	4.5	29
11	A System-Theoretic Accident Model and Process with Human Factors Analysis and Classification System taxonomy. <i>Safety Science</i> , 2018, 110, 393-410.	4.9	41
12	The Influence of Errors in Visualization Systems on the Level of Safety Threat in Air Traffic. <i>Journal of Advanced Transportation</i> , 2018, 2018, 1-16.	1.7	2
13	Analysis of the Process of Merging Air Traffic Streams. Case Study of TMA Warsaw. <i>Communications in Computer and Information Science</i> , 2018, , 320-334.	0.5	4
14	Analysis of possible interferences in A-CDM information flow. <i>WUT Journal of Transportation Engineering</i> , 2018, 122, 81-95.	0.2	1
15	Methods of air traffic management in the airport area including the environmental factor. <i>International Journal of Sustainable Transportation</i> , 2017, 11, 295-307.	4.1	13
16	A fuzzy model for evaluating metal detection equipment at airport security screening checkpoints. <i>International Journal of Critical Infrastructure Protection</i> , 2017, 16, 39-48.	4.6	10
17	About the Need of a New Look at Safety as a Goal and Constraint in Air Traffic Management. <i>Procedia Engineering</i> , 2017, 187, 117-123.	1.2	6
18	The Concept of Initial Air Traffic Situation Assessment as a Stage of Medium-Term Conflict Detection. <i>Procedia Engineering</i> , 2017, 187, 420-424.	1.2	4

#	ARTICLE	IF	CITATIONS
19	Airport capacity increase via the use of braking profiles. Transportation Research Part C: Emerging Technologies, 2017, 80, 467-484.	7.6	4
20	Air Traffic Smoothness. A New Look at the Air Traffic Flow Management. Transportation Research Procedia, 2017, 28, 127-132.	1.5	7
21	OPERATIONAL RESTRICTIONS FOR REDUCING NOISE AND THE SAFETY OF AIR OPERATIONS. Scientific Journal of Silesian University of Technology Series Transport, 2017, 94, 89-98.	0.4	1
22	Method for evaluating the landing aircraft sequence under disturbed conditions with the use of Petri nets. Aeronautical Journal, 2016, 120, 819-844.	1.6	14
23	The simulation-fuzzy method of assessing the risk of air traffic accidents using the fuzzy risk matrix. Safety Science, 2016, 88, 76-87.	4.9	51
24	Air Traffic Smoothness as a Universal Measure for Air Traffic Quality Assessment. Procedia Engineering, 2016, 134, 237-244.	1.2	6
25	Analysis of Air Traffic Incidents using event trees with fuzzy probabilities. Fuzzy Sets and Systems, 2016, 293, 50-79.	2.7	22
26	Managing the process of passenger security control at an airport using the fuzzy inference system. Expert Systems With Applications, 2016, 54, 284-293.	7.6	34
27	A Human Being as a Part of the Security Control System at the Airport. Procedia Engineering, 2016, 134, 291-300.	1.2	9
28	A fuzzy system to support the configuration of baggage screening devices at an airport. Expert Systems With Applications, 2016, 44, 114-125.	7.6	24
29	Aircraft Taxi Route Choice in Case of Conflict Points Existence. Communications in Computer and Information Science, 2016, , 366-377.	0.5	3
30	Model of the Hierarchical Process of Managing the Approaching Air Traffic in the Terminal Area. Communications in Computer and Information Science, 2015, , 108-120.	0.5	2
31	Automatic verification of a knowledge base by using a multi-criteria group evaluation with application to security screening at an airport. Knowledge-Based Systems, 2015, 85, 170-180.	7.1	13
32	Fuzzy inference system for the efficiency assessment of hold baggage security control at the airport. Safety Science, 2015, 79, 314-323.	4.9	21
33	The risk of an air accident as a result of a serious incident of the hybrid type. Reliability Engineering and System Safety, 2015, 140, 37-52.	8.9	25
34	A fuzzy reasoning system for evaluating the efficiency of cabin baggage screening at airports. Transportation Research Part C: Emerging Technologies, 2015, 54, 157-175.	7.6	30
35	A method to evaluate the time of waiting for a late passenger. Journal of Air Transport Management, 2015, 47, 79-89.	4.5	15
36	A fuzzy model for evaluating airport security screeners' work. Journal of Air Transport Management, 2015, 48, 42-51.	4.5	26

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37	Navigational Information Exchange and Negotiation System. Communications in Computer and Information Science, 2015, , 333-342.	0.5	2
38	A SYSTEM FOR SUPPORTING THE SELECTION OF HOLD BAGGAGE SCREENING ORGANIZATION OPTION AT THE AIRPORT. Scientific Journal of Silesian University of Technology Series Transport, 2015, 88, 107-114.	0.4	0
39	Multi-criteria group decision making under uncertainty with application to air traffic safety. Expert Systems With Applications, 2014, 41, 7406-7414.	7.6	37
40	Telematic Support of Baggage Security Control at the Airport. Communications in Computer and Information Science, 2014, , 215-224.	0.5	4
41	Air Traffic Incidents Analysis with the Use of Fuzzy Sets. Lecture Notes in Computer Science, 2013, , 306-317.	1.3	6
42	Airport Traffic Simulation Using Petri Nets. Communications in Computer and Information Science, 2013, , 468-475.	0.5	6
43	Method of Serious Traffic Incidents Analysis with the Use of Stochastic Timed Petri Nets. TransNav, 2013, 7, 599-606.	0.6	0
44	Trans-Risk - An Integrated Method for Risk Management in Transport. Journal of KONBiN, 2010, 13, 209-220.	0.4	11
45	Analysis of Controller Workload Related to Air Traffic Density. , 1993, , 316-319.		0
46	Method for TWR Simulator Analysis of Chosen Elements of Airport Area Visualisation. , 1993, , 322-325.		0