

# 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	The simulation-fuzzy method of assessing the risk of air traffic accidents using the fuzzy risk matrix. <i>Safety Science</i> , 2016, 88, 76-87.	4.9	51
2	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
3	Multi-criteria group decision making under uncertainty with application to air traffic safety. <i>Expert Systems With Applications</i> , 2014, 41, 7406-7414.	7.6	37
4	Managing the process of passenger security control at an airport using the fuzzy inference system. <i>Expert Systems With Applications</i> , 2016, 54, 284-293.	7.6	34
5	A fuzzy reasoning system for evaluating the efficiency of cabin baggage screening at airports. <i>Transportation Research Part C: Emerging Technologies</i> , 2015, 54, 157-175.	7.6	30
6	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
7	A fuzzy model for evaluating airport security screeners' work. <i>Journal of Air Transport Management</i> , 2015, 48, 42-51.	4.5	26
8	The risk of an air accident as a result of a serious incident of the hybrid type. <i>Reliability Engineering and System Safety</i> , 2015, 140, 37-52.	8.9	25
9	A fuzzy system to support the configuration of baggage screening devices at an airport. <i>Expert Systems With Applications</i> , 2016, 44, 114-125.	7.6	24
10	Analysis of Air Traffic Incidents using event trees with fuzzy probabilities. <i>Fuzzy Sets and Systems</i> , 2016, 293, 50-79.	2.7	22
11	Fuzzy inference system for the efficiency assessment of hold baggage security control at the airport. <i>Safety Science</i> , 2015, 79, 314-323.	4.9	21
12	A method to evaluate the time of waiting for a late passenger. <i>Journal of Air Transport Management</i> , 2015, 47, 79-89.	4.5	15
13	Method for evaluating the landing aircraft sequence under disturbed conditions with the use of Petri nets. <i>Aeronautical Journal</i> , 2016, 120, 819-844.	1.6	14
14	Automatic verification of a knowledge base by using a multi-criteria group evaluation with application to security screening at an airport. <i>Knowledge-Based Systems</i> , 2015, 85, 170-180.	7.1	13
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 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
17	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
18	Trans-Risk - An Integrated Method for Risk Management in Transport. <i>Journal of KONBiN</i> , 2010, 13, 209-220.	0.4	11

#	ARTICLE	IF	CITATIONS
19	A fuzzy model for evaluating metal detection equipment at airport security screening checkpoints. International Journal of Critical Infrastructure Protection, 2017, 16, 39-48.	4.6	10
20	Assessing the suitability of airport ground handling agents. Journal of Air Transport Management, 2020, 83, 101763.	4.5	10
21	A Human Being as a Part of the Security Control System at the Airport. Procedia Engineering, 2016, 134, 291-300.	1.2	9
22	Air Traffic Smoothness. A New Look at the Air Traffic Flow Management. Transportation Research Procedia, 2017, 28, 127-132.	1.5	7
23	Dynamic management of aircraft stand allocation. Journal of Air Transport Management, 2021, 90, 101964.	4.5	7
24	Assessment of the Method of Merging Landing Aircraft Streams in the Context of Fuel Consumption in the Airspace. Sustainability, 2021, 13, 12859.	3.2	7
25	Air Traffic Smoothness as a Universal Measure for Air Traffic Quality Assessment. Procedia Engineering, 2016, 134, 237-244.	1.2	6
26	About the Need of a New Look at Safety as a Goal and Constraint in Air Traffic Management. Procedia Engineering, 2017, 187, 117-123.	1.2	6
27	Air Traffic Incidents Analysis with the Use of Fuzzy Sets. Lecture Notes in Computer Science, 2013, , 306-317.	1.3	6
28	Airport Traffic Simulation Using Petri Nets. Communications in Computer and Information Science, 2013, , 468-475.	0.5	6
29	Multi-criteria group decision-making approach to the modernization of hold baggage security screening system at an airport. Journal of Air Transport Management, 2020, 87, 101841.	4.5	5
30	The Concept of Initial Air Traffic Situation Assessment as a Stage of Medium-Term Conflict Detection. Procedia Engineering, 2017, 187, 420-424.	1.2	4
31	Airport capacity increase via the use of braking profiles. Transportation Research Part C: Emerging Technologies, 2017, 80, 467-484.	7.6	4
32	Analysis of the Process of Merging Air Traffic Streams. Case Study of TMA Warsaw. Communications in Computer and Information Science, 2018, , 320-334.	0.5	4
33	Telematic Support of Baggage Security Control at the Airport. Communications in Computer and Information Science, 2014, , 215-224.	0.5	4
34	Aircraft Taxi Route Choice in Case of Conflict Points Existence. Communications in Computer and Information Science, 2016, , 366-377.	0.5	3
35	Effectiveness of Conflict Resolution Methods in Air Traffic Management. Aerospace, 2022, 9, 112.	2.2	3
36	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

#	ARTICLE	IF	CITATIONS
37	The Influence of Errors in Visualization Systems on the Level of Safety Threat in Air Traffic. Journal of Advanced Transportation, 2018, 2018, 1-16.	1.7	2
38	Navigational Information Exchange and Negotiation System. Communications in Computer and Information Science, 2015, , 333-342.	0.5	2
39	A Simulation-Based Approach for the Conflict Resolution Method Optimization in a Distributed Air Traffic Control System. Advances in Intelligent Systems and Computing, 2020, , 104-114.	0.6	2
40	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
41	Analysis of possible interferences in A-CDM information flow. WUT Journal of Transportation Engineering, 2018, 122, 81-95.	0.2	1
42	A Method of Evaluating Air Traffic Controller Time Workload. Communications in Computer and Information Science, 2019, , 363-376.	0.5	1
43	Method of Serious Traffic Incidents Analysis with the Use of Stochastic Timed Petri Nets. TransNav, 2013, 7, 599-606.	0.6	0
44	Analysis of Controller Workload Related to Air Traffic Density. , 1993, , 316-319.		0
45	Method for TWR Simulator Analysis of Chosen Elements of Airport Area Visualisation. , 1993, , 322-325.		0
46	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