

Joan Cahill

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

236
citations

1039880

9
h-index

1125617

13
g-index

41
all docs

41
docs citations

41
times ranked

158
citing authors

#	ARTICLE	IF	CITATIONS
1	Pilot Work Related Stress (WRS), Effects on Wellbeing and Mental Health, and Coping Methods. International Journal of Aerospace Psychology, 2021, 31, 87-109.	1.1	27
2	IoT/Sensor-Based Infrastructures Promoting a Sense of Home, Independent Living, Comfort and Wellness. Sensors, 2019, 19, 485.	2.1	21
3	The Design of New Technology Supporting Wellbeing, Independence and Social Participation, for Older Adults Domiciled in Residential Homes and/or Assisted Living Communities. Technologies, 2018, 6, 18.	3.0	18
4	Interventions to support the management of work-related stress (WRS) and wellbeing/mental health issues for commercial pilots. Cognition, Technology and Work, 2020, 22, 517-547.	1.7	18
5	The advancement of a new human factors report â€”The Unique Reportâ€™â€” facilitating flight crew auditing of performance/operations as part of an airline's safety management system. Ergonomics, 2010, 53, 164-183.	1.1	14
6	The Requirements for New Tools for Use by Pilots and the Aviation Industry to Manage Risks Pertaining to Work-Related Stress (WRS) and Wellbeing, and the Ensuing Impact on Performance and Safety. Technologies, 2020, 8, 40.	3.0	14
7	Intelligent planning and the design of a new risk-based, intelligent flight plan. Cognition, Technology and Work, 2011, 13, 43-66.	1.7	13
8	HIV, cancer, and coping: The cumulative burden of a cancer diagnosis among people living with HIV. Journal of Psychosocial Oncology, 2021, 39, 734-748.	0.6	12
9	A Qualitative Study Exploring Well-Being and the Potential Impact of Work-Related Stress Among Commercial Airline Pilots. Aviation Psychology and Applied Human Factors, 2021, 11, 1-12.	0.3	9
10	Addressing Issues of Need, Adaptability, User Acceptability and Ethics in the Participatory Design of New Technology Enabling Wellness, Independence and Dignity for Seniors Living in Residential Homes. Lecture Notes in Computer Science, 2017, , 90-109.	1.0	9
11	A Sociotechnical Model of the Flight Crew Task. Human Factors, 2014, 56, 1337-1363.	2.1	8
12	Human computer interaction methods for electronic flight bag envisionment and design. Cognition, Technology and Work, 2006, 8, 113-123.	1.7	7
13	Adaptive Automation and the Third Pilot: Managing Teamwork and Workload in an Airline Cockpit. Communications in Computer and Information Science, 2017, , 161-173.	0.4	7
14	HILAS Flight Operations Research: Development of Risk/Safety Management, Process Improvement and Task Support Tools. Lecture Notes in Computer Science, 2007, , 648-657.	1.0	7
15	Improving Access to Cancer Care in the HIV Population: Qualitative Research to Identify Barriers to Care. Health Equity, 2020, 4, 468-475.	0.8	7
16	Personal Electronic Records of Medications (PERMs) for medication reconciliation at care transitions: a rapid realist review. BMC Medical Informatics and Decision Making, 2021, 21, 307.	1.5	6
17	The operational validation of new cockpit technologies supporting all conditions operations: a case study. Cognition, Technology and Work, 2016, 18, 479-509.	1.7	5
18	A-PiMod: A New Approach to Solving Human Factors Problems with Automation. Lecture Notes in Computer Science, 2016, , 269-279.	1.0	4

#	ARTICLE	IF	CITATIONS
19	Flight crew task performance and the design of cockpit task support tools. , 2007, , .		3
20	The design of a collision avoidance system for use by Pilots operating on the airport ramp and in taxiway areas. Cognition, Technology and Work, 2013, 15, 219-238.	1.7	3
21	Understanding and Improving Flight Crew Performance of the Preflight, Flight Planning, and Briefing Task. The International Journal of Aviation Psychology, 2013, 23, 27-48.	0.7	3
22	User and design requirements and production of evidence: using incident analysis data to (1) inform user scenarios and bow ties, and (2) generate user and design requirements. Cognition, Technology and Work, 2018, 20, 23-47.	1.7	3
23	Adaptive Automation and the Third Pilot. , 0, , .		3
24	Household medication safety practices during the COVID-19 pandemic: a descriptive qualitative study protocol. BMJ Open, 2020, 10, e044441.	0.8	3
25	Developing a feedback system to augment monitoring performance of aircraft pilots. , 2016, , .		2
26	Addressing teamwork problems in healthcare: lessons learned from aviation and sport. British Journal of Health Care Management, 2018, 24, 448-457.	0.1	2
27	Embedding Ethics in Human Factors Design and Evaluation Methodologies. Lecture Notes in Computer Science, 2020, , 217-227.	1.0	2
28	Envisioning Improved Work Practices and Associated Technology Requirements in the Context of the Broader Socio-technical System. , 0, , .		2
29	Unique Reporting Form: Flight Crew Auditing of Everyday Performance in an Airline Safety Management System. Lecture Notes in Computer Science, 2009, , 806-815.	1.0	1
30	Ethical Issues in the New Digital Era: The Case of Assisting Driving. , 0, , .		1
31	Lived Experience, Stakeholder Evaluation and the Participatory Design of Assisted Living Technology. Studies in Health Technology and Informatics, 2017, 242, 64-71.	0.2	1
32	Personal protective equipment training & lived experience for healthcare staff during COVID-19. Clinical Infection in Practice, 2022, 14, 100142.	0.2	1
33	The Development of a Unique Report for Performance Monitoring in an Airline Safety Management System. Safety and Reliability, 2009, 29, 16-34.	1.0	0
34	The Specification of New Technology to Support Assisted Living (AL) from a Biopsychosocial, Stakeholder Relationship and Ethics Perspective. , 2016, , .		0
35	Addressing Human Factors and Ethics in the Design of "Future Work"™ and Intelligent Systems for Use in Financial Services - Person Centered Operations, Intelligent Work & the Triple Bottom Line. Lecture Notes in Computer Science, 2021, , 3-13.	1.0	0
36	Operational Modeling and Data Integration for Management and Design. , 2011, , 55-63.		0

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37	Digital Transformation of Prostate Cancer Pathway and Optimizing Patient Experience, Patient Safety and Clinical Professionalism. Lecture Notes in Computer Science, 2019, , 3-22.	1.0	0
38	Driver Persistence, Safety and Older Adult Self-efficacy: Addressing Driving Challenges Using Innovative Multimodal Communication Concepts. Advances in Intelligent Systems and Computing, 2020, , 313-319.	0.5	0
39	Advancing a "Human Factors & Ethics Canvas"™ for New Driver Assistance Technologies Targeted at Older Adults. Lecture Notes in Computer Science, 2020, , 503-520.	1.0	0
40	Looking After the Human Factor During Challenging Events. Advances in Logistics, Operations, and Management Science Book Series, 2022, , 193-211.	0.3	0