

Mica R Endsley

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44
papers

10,447
citations

30
h-index

46
g-index

46
ext. papers

12,251
ext. citations

2.4
avg, IF

7.18
L-index

#	Paper	IF	Citations
44	Toward a Theory of Situation Awareness in Dynamic Systems. <i>Human Factors</i> , 1995 , 37, 32-64	3.8	4261
43	Measurement of Situation Awareness in Dynamic Systems. <i>Human Factors</i> , 1995 , 37, 65-84	3.8	991
42	The Out-of-the-Loop Performance Problem and Level of Control in Automation. <i>Human Factors</i> , 1995 , 37, 381-394	3.8	743
41	Design and Evaluation for Situation Awareness Enhancement. <i>Proceedings of the Human Factors Society Annual Meeting</i> , 1988 , 32, 97-101		644
40	Measurement of Situation Awareness in Dynamic Systems. <i>Human Factors</i> , 1995 , 37, 65-84	3.8	628
39	Level of automation effects on performance, situation awareness and workload in a dynamic control task. <i>Ergonomics</i> , 1999 , 42, 462-92	2.9	590
38	The effects of level of automation and adaptive automation on human performance, situation awareness and workload in a dynamic control task. <i>Theoretical Issues in Ergonomics Science</i> , 2004 , 5, 113-153	2.2	422
37	From Here to Autonomy. <i>Human Factors</i> , 2017 , 59, 5-27	3.8	261
36	Situation Awareness Misconceptions and Misunderstandings. <i>Journal of Cognitive Engineering and Decision Making</i> , 2015 , 9, 4-32	2.5	242
35	Out-of-the-loop performance problems and the use of intermediate levels of automation for improved control system functioning and safety. <i>Process Safety Progress</i> , 1997 , 16, 126-131	1	137
34	A Survey of Situation Awareness Requirements in Air-to-Air Combat Fighters. <i>The International Journal of Aviation Psychology</i> , 1993 , 3, 157-168		124
33	Autonomous Driving Systems: A Preliminary Naturalistic Study of the Tesla Model S. <i>Journal of Cognitive Engineering and Decision Making</i> , 2017 , 11, 225-238	2.5	119
32	Individual Differences in Pilot Situation Awareness. <i>The International Journal of Aviation Psychology</i> , 1994 , 4, 241-264		110
31	Situation awareness in aircraft maintenance teams. <i>International Journal of Industrial Ergonomics</i> , 2000 , 26, 301-325	2.9	97
30	A Comparative Analysis of Sagat and Sart for Evaluations of Situation Awareness. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 1998 , 42, 82-86	0.4	97
29	On the Design of Adaptive Automation for Complex Systems. <i>International Journal of Cognitive Ergonomics</i> , 2001 , 5, 37-57		91
28	The Effects of Virtual Reality, Augmented Reality, and Mixed Reality as Training Enhancement Methods: A Meta-Analysis. <i>Human Factors</i> , 2021 , 63, 706-726	3.8	81

27	The Application of Human Factors to the Development of Expert Systems for Advanced Cockpits. <i>Proceedings of the Human Factors Society Annual Meeting, 1987</i> , 31, 1388-1392		69
26	Team situation awareness for process control safety and performance. <i>Process Safety Progress, 1998</i> , 17, 43-48	1	53
25	Use of Real-Time Probes for Measuring Situation Awareness. <i>The International Journal of Aviation Psychology, 2004</i> , 14, 343-367		46
24	Distribution of Attention, Situation Awareness and Workload in a Passive Air Traffic Control Task: Implications for Operational Errors and Automation. <i>Air Traffic Control Quarterly, 1998</i> , 6, 21-44		46
23	Situation awareness: operationally necessary and scientifically grounded. <i>Cognition, Technology and Work, 2015</i> , 17, 163-167	2.9	45
22	A Systematic Review and Meta-Analysis of Direct Objective Measures of Situation Awareness: A Comparison of SAGAT and SPAM. <i>Human Factors, 2021</i> , 63, 124-150	3.8	42
21	Final Reflections: Situation Awareness Models and Measures. <i>Journal of Cognitive Engineering and Decision Making, 2015</i> , 9, 101-111	2.5	39
20	Collaborative planning and situation awareness in Army command and control. <i>Ergonomics, 2006</i> , 49, 1139-53	2.9	39
19	Overcoming representational errors in complex environments. <i>Human Factors, 2000</i> , 42, 367-78	3.8	37
18	The effect of automated compensation for incongruent axes on teleoperator performance. <i>Human Factors, 1998</i> , 40, 541-53	3.8	32
17	Situation Awareness Information Requirements Analysis for En Route Air Traffic Control. <i>Proceedings of the Human Factors and Ergonomics Society, 1994</i> , 38, 71-75	0.4	31
16	Situation Awareness Requirements for Infantry Platoon Leaders. <i>Military Psychology, 2004</i> , 16, 149-161	0.9	30
15	Measures of Platoon Leader Situation Awareness in Virtual Decision-Making Exercises 2001 ,		30
14	Predictive Utility of an Objective Measure of Situation Awareness. <i>Proceedings of the Human Factors Society Annual Meeting, 1990</i> , 34, 41-45		29
13	Cognitive Engineering and Decision Making: An Overview and Future Course. <i>Journal of Cognitive Engineering and Decision Making, 2007</i> , 1, 1-21	2.5	28
12	Level of Automation Forms a Key Aspect of Autonomy Design. <i>Journal of Cognitive Engineering and Decision Making, 2018</i> , 12, 29-34	2.5	25
11	The Divergence of Objective and Subjective Situation Awareness: A Meta-Analysis. <i>Journal of Cognitive Engineering and Decision Making, 2020</i> , 14, 34-53	2.5	24
10	Situation Awareness in Future Autonomous Vehicles: Beware of the Unexpected. <i>Advances in Intelligent Systems and Computing, 2019</i> , 303-309	0.4	23

9	Evaluation of Computer-Based Situation Awareness Training for General Aviation Pilots. <i>The International Journal of Aviation Psychology</i> , 2010 , 20, 269-294		19
8	Measuring Shared and Team Situation Awareness in the Army's Future Objective Force. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2003 , 47, 369-373	0.4	16
7	The Use of Predictive Displays for Aiding Controller Situation Awareness. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 1999 , 43, 51-55	0.4	15
6	Expertise and Situation Awareness 714-742		12
5	The limits of highly autonomous vehicles: an uncertain future. <i>Ergonomics</i> , 2019 , 62, 496-499	2.9	11
4	Combating Information Attacks in the Age of the Internet: New Challenges for Cognitive Engineering. <i>Human Factors</i> , 2018 , 60, 1081-1094	3.8	11
3	Shared Information Between Pilots and Controllers in Tactical Air Traffic Control. <i>Journal of Guidance, Control, and Dynamics</i> , 2000 , 23, 826-836	2.1	10
2	Attention Distribution and Decision Making in Tactical Air Combat. <i>Human Factors</i> , 1996 , 38, 232-249	3.8	7
1	SITUATION AWARENESS 2021 , 434-455		2