

# Mica R Endsley

## List of Publications by Year in Descending Order

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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	The Effects of Virtual Reality, Augmented Reality, and Mixed Reality as Training Enhancement Methods: A Meta-Analysis. <i>Human Factors</i> , <b>2021</b> , 63, 706-726	3.8	81
43	A Systematic Review and Meta-Analysis of Direct Objective Measures of Situation Awareness: A Comparison of SAGAT and SPAM. <i>Human Factors</i> , <b>2021</b> , 63, 124-150	3.8	42
42	SITUATION AWARENESS <b>2021</b> , 434-455		2
41	The Divergence of Objective and Subjective Situation Awareness: A Meta-Analysis. <i>Journal of Cognitive Engineering and Decision Making</i> , <b>2020</b> , 14, 34-53	2.5	24
40	The limits of highly autonomous vehicles: an uncertain future. <i>Ergonomics</i> , <b>2019</b> , 62, 496-499	2.9	11
39	Situation Awareness in Future Autonomous Vehicles: Beware of the Unexpected. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 303-309	0.4	23
38	Level of Automation Forms a Key Aspect of Autonomy Design. <i>Journal of Cognitive Engineering and Decision Making</i> , <b>2018</b> , 12, 29-34	2.5	25
37	Combating Information Attacks in the Age of the Internet: New Challenges for Cognitive Engineering. <i>Human Factors</i> , <b>2018</b> , 60, 1081-1094	3.8	11
36	From Here to Autonomy. <i>Human Factors</i> , <b>2017</b> , 59, 5-27	3.8	261
35	Autonomous Driving Systems: A Preliminary Naturalistic Study of the Tesla Model S. <i>Journal of Cognitive Engineering and Decision Making</i> , <b>2017</b> , 11, 225-238	2.5	119
34	Situation awareness: operationally necessary and scientifically grounded. <i>Cognition, Technology and Work</i> , <b>2015</b> , 17, 163-167	2.9	45
33	Situation Awareness Misconceptions and Misunderstandings. <i>Journal of Cognitive Engineering and Decision Making</i> , <b>2015</b> , 9, 4-32	2.5	242
32	Final Reflections: Situation Awareness Models and Measures. <i>Journal of Cognitive Engineering and Decision Making</i> , <b>2015</b> , 9, 101-111	2.5	39
31	Evaluation of Computer-Based Situation Awareness Training for General Aviation Pilots. <i>The International Journal of Aviation Psychology</i> , <b>2010</b> , 20, 269-294		19
30	Cognitive Engineering and Decision Making: An Overview and Future Course. <i>Journal of Cognitive Engineering and Decision Making</i> , <b>2007</b> , 1, 1-21	2.5	28
29	Collaborative planning and situation awareness in Army command and control. <i>Ergonomics</i> , <b>2006</b> , 49, 1139-53	2.9	39
28	Situation Awareness Requirements for Infantry Platoon Leaders. <i>Military Psychology</i> , <b>2004</b> , 16, 149-161	0.9	30

27	Use of Real-Time Probes for Measuring Situation Awareness. <i>The International Journal of Aviation Psychology</i> , <b>2004</b> , 14, 343-367		46
26	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> , <b>2004</b> , 5, 113-153	2.2	422
25	Measuring Shared and Team Situation Awareness in the Army's Future Objective Force. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2003</b> , 47, 369-373	0.4	16
24	On the Design of Adaptive Automation for Complex Systems. <i>International Journal of Cognitive Ergonomics</i> , <b>2001</b> , 5, 37-57		91
23	Measures of Platoon Leader Situation Awareness in Virtual Decision-Making Exercises <b>2001</b> ,		30
22	Situation awareness in aircraft maintenance teams. <i>International Journal of Industrial Ergonomics</i> , <b>2000</b> , 26, 301-325	2.9	97
21	Shared Information Between Pilots and Controllers in Tactical Air Traffic Control. <i>Journal of Guidance, Control, and Dynamics</i> , <b>2000</b> , 23, 826-836	2.1	10
20	Overcoming representational errors in complex environments. <i>Human Factors</i> , <b>2000</b> , 42, 367-78	3.8	37
19	The Use of Predictive Displays for Aiding Controller Situation Awareness. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>1999</b> , 43, 51-55	0.4	15
18	Level of automation effects on performance, situation awareness and workload in a dynamic control task. <i>Ergonomics</i> , <b>1999</b> , 42, 462-92	2.9	590
17	Team situation awareness for process control safety and performance. <i>Process Safety Progress</i> , <b>1998</b> , 17, 43-48	1	53
16	A Comparative Analysis of Sagat and Sart for Evaluations of Situation Awareness. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>1998</b> , 42, 82-86	0.4	97
15	The effect of automated compensation for incongruent axes on teleoperator performance. <i>Human Factors</i> , <b>1998</b> , 40, 541-53	3.8	32
14	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</i> , <b>1998</b> , 6, 21-44		46
13	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> , <b>1997</b> , 16, 126-131	1	137
12	Attention Distribution and Decision Making in Tactical Air Combat. <i>Human Factors</i> , <b>1996</b> , 38, 232-249	3.8	7
11	The Out-of-the-Loop Performance Problem and Level of Control in Automation. <i>Human Factors</i> , <b>1995</b> , 37, 381-394	3.8	743
10	Measurement of Situation Awareness in Dynamic Systems. <i>Human Factors</i> , <b>1995</b> , 37, 65-84	3.8	991

9	Toward a Theory of Situation Awareness in Dynamic Systems. <i>Human Factors</i> , <b>1995</b> , 37, 32-64	3.8	4261
8	Measurement of Situation Awareness in Dynamic Systems. <i>Human Factors</i> , <b>1995</b> , 37, 65-84	3.8	628
7	Situation Awareness Information Requirements Analysis for En Route Air Traffic Control. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>1994</b> , 38, 71-75	0.4	31
6	Individual Differences in Pilot Situation Awareness. <i>The International Journal of Aviation Psychology</i> , <b>1994</b> , 4, 241-264		110
5	A Survey of Situation Awareness Requirements in Air-to-Air Combat Fighters. <i>The International Journal of Aviation Psychology</i> , <b>1993</b> , 3, 157-168		124
4	Predictive Utility of an Objective Measure of Situation Awareness. <i>Proceedings of the Human Factors Society Annual Meeting</i> , <b>1990</b> , 34, 41-45		29
3	Design and Evaluation for Situation Awareness Enhancement. <i>Proceedings of the Human Factors Society Annual Meeting</i> , <b>1988</b> , 32, 97-101		644
2	The Application of Human Factors to the Development of Expert Systems for Advanced Cockpits. <i>Proceedings of the Human Factors Society Annual Meeting</i> , <b>1987</b> , 31, 1388-1392		69
1	Expertise and Situation Awareness714-742		12