

Mica R Endsley

List of Publications by Year in descending order

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41
papers

14,450
citations

117619

34
h-index

265191

42
g-index

46
all docs

46
docs citations

46
times ranked

5911
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward a Theory of Situation Awareness in Dynamic Systems. Human Factors, 1995, 37, 32-64.	3.5	5,779
2	Measurement of Situation Awareness in Dynamic Systems. Human Factors, 1995, 37, 65-84.	3.5	1,367
3	Design and Evaluation for Situation Awareness Enhancement. Proceedings of the Human Factors Society Annual Meeting, 1988, 32, 97-101.	0.1	1,027
4	The Out-of-the-Loop Performance Problem and Level of Control in Automation. Human Factors, 1995, 37, 381-394.	3.5	986
5	Level of automation effects on performance, situation awareness and workload in a dynamic control task. Ergonomics, 1999, 42, 462-492.	2.1	777
6	Measurement of Situation Awareness in Dynamic Systems. Human Factors, 1995, 37, 65-84.	3.5	724
7	The effects of level of automation and adaptive automation on human performance, situation awareness and workload in a dynamic control task. Theoretical Issues in Ergonomics Science, 2004, 5, 113-153.	1.8	530
8	From Here to Autonomy. Human Factors, 2017, 59, 5-27.	3.5	439
9	Situation Awareness Misconceptions and Misunderstandings. Journal of Cognitive Engineering and Decision Making, 2015, 9, 4-32.	2.3	342
10	The Effects of Virtual Reality, Augmented Reality, and Mixed Reality as Training Enhancement Methods: A Meta-Analysis. Human Factors, 2021, 63, 706-726.	3.5	229
11	Autonomous Driving Systems: A Preliminary Naturalistic Study of the Tesla Model S. Journal of Cognitive Engineering and Decision Making, 2017, 11, 225-238.	2.3	188
12	Out-of-the-loop performance problems and the use of intermediate levels of automation for improved control system functioning and safety. Process Safety Progress, 1997, 16, 126-131.	1.0	184
13	A Survey of Situation Awareness Requirements in Air-to-Air Combat Fighters. The International Journal of Aviation Psychology, 1993, 3, 157-168.	0.7	173
14	A Comparative Analysis of Sagat and Sart for Evaluations of Situation Awareness. Proceedings of the Human Factors and Ergonomics Society, 1998, 42, 82-86.	0.3	150
15	Individual Differences in Pilot Situation Awareness. The International Journal of Aviation Psychology, 1994, 4, 241-264.	0.7	147
16	Situation awareness in aircraft maintenance teams. International Journal of Industrial Ergonomics, 2000, 26, 301-325.	2.6	124
17	On the Design of Adaptive Automation for Complex Systems. International Journal of Cognitive Ergonomics, 2001, 5, 37-57.	0.2	119
18	The Application of Human Factors to the Development of Expert Systems for Advanced Cockpits. Proceedings of the Human Factors Society Annual Meeting, 1987, 31, 1388-1392.	0.1	100

#	ARTICLE	IF	CITATIONS
19	A Systematic Review and Meta-Analysis of Direct Objective Measures of Situation Awareness: A Comparison of SAGAT and SPAM. <i>Human Factors</i> , 2021, 63, 124-150.	3.5	96
20	Team situation awareness for process control safety and performance. <i>Process Safety Progress</i> , 1998, 17, 43-48.	1.0	65
21	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> , 1998, 6, 21-44.	0.7	65
22	Use of Real-Time Probes for Measuring Situation Awareness. <i>The International Journal of Aviation Psychology</i> , 2004, 14, 343-367.	0.7	56
23	Situation awareness: operationally necessary and scientifically grounded. <i>Cognition, Technology and Work</i> , 2015, 17, 163-167.	3.0	55
24	Collaborative planning and situation awareness in Army command and control. <i>Ergonomics</i> , 2006, 49, 1139-1153.	2.1	47
25	The Divergence of Objective and Subjective Situation Awareness: A Meta-Analysis. <i>Journal of Cognitive Engineering and Decision Making</i> , 2020, 14, 34-53.	2.3	47
26	Overcoming Representational Errors in Complex Environments. <i>Human Factors</i> , 2000, 42, 367-378.	3.5	46
27	Predictive Utility of an Objective Measure of Situation Awareness. <i>Proceedings of the Human Factors Society Annual Meeting</i> , 1990, 34, 41-45.	0.1	45
28	Situation Awareness in Future Autonomous Vehicles: Beware of the Unexpected. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 303-309.	0.6	44
29	Level of Automation Forms a Key Aspect of Autonomy Design. <i>Journal of Cognitive Engineering and Decision Making</i> , 2018, 12, 29-34.	2.3	43
30	Situation Awareness Information Requirements Analysis for En Route Air Traffic Control. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 1994, 38, 71-75.	0.3	40
31	Cognitive Engineering and Decision Making: An Overview and Future Course. <i>Journal of Cognitive Engineering and Decision Making</i> , 2007, 1, 1-21.	2.3	38
32	Situation Awareness Requirements for Infantry Platoon Leaders. <i>Military Psychology</i> , 2004, 16, 149-161.	1.1	37
33	The Effect of Automated Compensation for Incongruent Axes on Teleoperator Performance. <i>Human Factors</i> , 1998, 40, 541-553.	3.5	36
34	Evaluation of Computer-Based Situation Awareness Training for General Aviation Pilots. <i>The International Journal of Aviation Psychology</i> , 2010, 20, 269-294.	0.7	25
35	Combating Information Attacks in the Age of the Internet: New Challenges for Cognitive Engineering. <i>Human Factors</i> , 2018, 60, 1081-1094.	3.5	25
36	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.	0.3	23

#	ARTICLE	IF	CITATIONS
37	The Use of Predictive Displays for Aiding Controller Situation Awareness. Proceedings of the Human Factors and Ergonomics Society, 1999, 43, 51-55.	0.3	18
38	Expertise and Situation Awareness. , 0, , 714-742.		18
39	Shared Information Between Pilots and Controllers in Tactical Air Traffic Control. Journal of Guidance, Control, and Dynamics, 2000, 23, 826-836.	2.8	14
40	The limits of highly autonomous vehicles: an uncertain future. Ergonomics, 2019, 62, 496-499.	2.1	12
41	Attention Distribution and Decision Making in Tactical Air Combat. Human Factors, 1996, 38, 232-249.	3.5	10