

Nancy J Cooke

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

2,568
citations

361413

20
h-index

214800

47
g-index

62
all docs

62
docs citations

62
times ranked

1156
citing authors

#	ARTICLE	IF	CITATIONS
1	The Impact of Training on Humanâ€™Autonomy Team Communications and Trust Calibration. Human Factors, 2023, 65, 1554-1570.	3.5	8
2	Towards Humanâ€™Robot Teaming: Tradeoffs of Explanation-Based Communication Strategies in a Virtual Search and Rescue Task. International Journal of Social Robotics, 2022, 14, 1117-1136.	4.6	11
3	State of science: models and methods for understanding and enhancing teams and teamwork in complex sociotechnical systems. Ergonomics, 2022, 65, 161-187.	2.1	12
4	Trust and Team Performance in Humanâ€™Autonomy Teaming. International Journal of Electronic Commerce, 2021, 25, 51-72.	3.0	24
5	Distributed dynamic team trust in human, artificial intelligence, and robot teaming. , 2021, , 301-319.		18
6	Approaches for assessing communication in human-autonomy teams. Human-Intelligent Systems Integration, 2021, 3, 99-128.	2.5	7
7	An Interaction Taxonomy of Humanâ€™Agent Teaming in Next Generation Combat Vehicle Systems. Advances in Intelligent Systems and Computing, 2021, , 10-16.	0.6	1
8	Exploration of Teammate Trust and Interaction Dynamics in Human-Autonomy Teaming. IEEE Transactions on Human-Machine Systems, 2021, 51, 696-705.	3.5	23
9	The Dynamics of Trust and Verbal Anthropomorphism in Human-Autonomy Teaming. , 2021, , .		7
10	Assessing Communication and Trust in an AI Teammate in a Dynamic Task Environment. , 2021, , .		2
11	Exploration of Time-Based Resilience Measurements for Next Generation Combat Vehicle Teams. , 2021, , .		1
12	Human reliability for safe and efficient civil infrastructure operation and maintenance â€™ A review. Developments in the Built Environment, 2020, 4, 100028.	4.0	7
13	Training and Verbal Communications in Human-Autonomy Teaming Under Degraded Conditions. , 2020, , .		6
14	Examining Human-Autonomy Team Interaction and Explicable Behavior in a Dynamic LEGO Construction Task. Procedia Computer Science, 2020, 168, 195-201.	2.0	2
15	Understanding human-robot teams in light of all-human teams: Aspects of team interaction and shared cognition. International Journal of Human Computer Studies, 2020, 140, 102436.	5.6	36
16	A Framework for Human-Autonomy Team Research. Lecture Notes in Computer Science, 2020, , 134-146.	1.3	9
17	Modeling Information Pooling Bias in Incident Response Teams: An Agent Based Modeling Approach. Proceedings of the Human Factors and Ergonomics Society, 2020, 64, 436-440.	0.3	0
18	Team Interaction Strategies for Humanâ€™Autonomy Teaming in Next Generation Combat Vehicles. Proceedings of the Human Factors and Ergonomics Society, 2020, 64, 77-81.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Effective Team Interaction for Adaptive Training and Situation Awareness in Human-Autonomy Teaming. , 2019, , .		6
20	The Evolution of Human-Autonomy Teams in Remotely Piloted Aircraft Systems Operations. Frontiers in Communication, 2019, 4, .	1.2	21
21	Layered Dynamics and System Effectiveness of Human-Autonomy Teams Under Degraded Conditions. Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 165-165.	0.3	2
22	Developing Human-Robot Team Interdependence in a Synthetic Task Environment. Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 1503-1507.	0.3	15
23	An Empirical Exploration of Resilience in Human-Autonomy Teams Operating Remotely Piloted Aircraft Systems. Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 153-154.	0.3	1
24	Team Coordination of Team Situation Awareness in Human-Autonomy Teaming. Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 146-147.	0.3	5
25	Does Team Interaction Exploration Support Resilience in Human Autonomy Teaming?. Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 1866-1866.	0.3	2
26	Team Coordination and Effectiveness in Human-Autonomy Teaming. IEEE Transactions on Human-Machine Systems, 2019, 49, 150-159.	3.5	44
27	Evaluating sociotechnical dynamics in a simulated remotely-piloted aircraft system: a layered dynamics approach. Ergonomics, 2019, 62, 629-643.	2.1	21
28	Autonomous Intelligent Agents for Team Training. IEEE Intelligent Systems, 2019, 34, 3-14.	4.0	25
29	Understanding the Role of Trust in Human-Autonomy Teaming. , 2019, , .		30
30	Bridging psychology and engineering to make technology work for people.. American Psychologist, 2019, 74, 394-406.	4.2	7
31	Teaming With a Synthetic Teammate: Insights into Human-Autonomy Teaming. Human Factors, 2018, 60, 262-273.	3.5	160
32	Dyadic Team Interaction and Shared Cognition to Inform Human-Robot Teaming. Proceedings of the Human Factors and Ergonomics Society, 2018, 62, 124-124.	0.3	7
33	Systems Level Evaluation of Resilience in Human-Autonomy Teaming under Degraded Conditions. , 2018, , .		5
34	Team Situation Awareness in Human-Autonomy Teaming: A Systems Level Approach. Proceedings of the Human Factors and Ergonomics Society, 2018, 62, 149-149.	0.3	8
35	A conceptual model of team dynamical behaviors and performance in human-autonomy teaming. Cognitive Systems Research, 2018, 52, 497-507.	2.7	37
36	The Complex Dynamics of Team Situation Awareness in Human-Autonomy Teaming. , 2018, , .		11

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37	Human-centered automation for resilient nuclear power plant outage control. Automation in Construction, 2017, 82, 179-192.	9.8	28
38	Team situation awareness within the context of human-autonomy teaming. Cognitive Systems Research, 2017, 46, 3-12.	2.7	93
39	The Role of Teamwork in the Analysis of Big Data: A Study of Visual Analytics and Box Office Prediction. Big Data, 2017, 5, 53-66.	3.4	6
40	Team Coordination Dynamics in Human-Autonomy Teaming. Proceedings of the Human Factors and Ergonomics Society, 2017, 61, 236-236.	0.3	5
41	Investigating Team Coordination in Baseball Using a Novel Joint Decision Making Paradigm. Frontiers in Psychology, 2017, 8, 907.	2.1	7
42	Editorial: Understanding the Successful Coordination of Team Behavior. Frontiers in Psychology, 2017, 8, 1869.	2.1	1
43	Team communication behaviors of the human-automation teaming. , 2016, , .		31
44	A Human Factors Approach to Building High-Performance Multi- Professional Cardiac Arrest Teams. Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare, 2016, 5, 68-71.	0.3	2
45	Synthetic Teammate Communication and Coordination With Humans. Proceedings of the Human Factors and Ergonomics Society, 2015, 59, 951-955.	0.3	40
46	Human-Robot Teaming in Urban Search and Rescue. Proceedings of the Human Factors and Ergonomics Society, 2015, 59, 250-254.	0.3	24
47	Team Cognition as Interaction. Current Directions in Psychological Science, 2015, 24, 415-419.	5.3	94
48	Interactive Team Cognition. Cognitive Science, 2013, 37, 255-285.	1.7	352
49	Measuring Patterns in Team Interaction Sequences Using a Discrete Recurrence Approach. Human Factors, 2012, 54, 503-517.	3.5	81
50	Preface to the Special Section on Methods for the Analysis of Communication. Human Factors, 2012, 54, 485-488.	3.5	14
51	Changes in team cognition after a retention interval: The benefits of mixing it up.. Journal of Experimental Psychology: Applied, 2011, 17, 303-319.	1.2	50
52	The synthetic teammate project. Computational and Mathematical Organization Theory, 2010, 16, 271-299.	2.0	55
53	Training Adaptive Teams. Human Factors, 2010, 52, 295-307.	3.5	143
54	Interaction-Based Measures of Cognitive Systems. Journal of Cognitive Engineering and Decision Making, 2009, 3, 27-46.	2.3	65

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55	Team cognition in experienced command-and-control teams.. Journal of Experimental Psychology: Applied, 2007, 13, 146-157.	1.2	105
56	From battle plans to football plays: Extending military team cognition to football. International Journal of Sport and Exercise Psychology, 2006, 4, 422-446.	2.1	15
57	Measuring team situation awareness in decentralized command and control environments. Ergonomics, 2006, 49, 1312-1325.	2.1	224
58	Evaluation of Latent Semantic Analysis-Based Measures of Team Communications Content. Proceedings of the Human Factors and Ergonomics Society, 2003, 47, 424-428.	0.3	24
59	Measuring Team Knowledge. Human Factors, 2000, 42, 151-173.	3.5	422
60	Network and multidimensional representations of the declarative knowledge of human-computer interface design experts. International Journal of Man-Machine Studies, 1992, 36, 587-615.	0.7	44
61	Remote research methods for Human-robot Teaming. Human Factors and Ergonomics in Manufacturing, 0, , .	2.7	8