Ming

List of Publications by Year
in descending order

43 papers	459 citations	933447 10 h-index	839539 18 g-index
45 all docs	45 docs citations	45 times ranked	256 citing authors

#	Article	IF	Citations
1	Joint Transmission Scheme and Coded Content Placement in Cluster-Centric UAV-Aided Cellular Networks. IEEE Internet of Things Journal, 2022, 9, 11098-11114.	8.7	12
2	Secure Sampled-Data Observer-Based Control for Wind Turbine Oscillation Under Cyber Attacks. IEEE Transactions on Smart Grid, 2022, 13, 3188-3202.	9.0	11
3	DQLEL: Deep Q-Learning for Energy-Optimized LoS/NLoS UWB Node Selection. IEEE Transactions on Signal Processing, 2022, 70, 2532-2547.	5.3	13
4	Frontiers of Brain-Inspired Autonomous Systems: How Does Defense R&D Drive the Innovations?. IEEE Systems, Man, and Cybernetics Magazine, 2022, 8, 8-20.	1.4	9
5	Fault-Tolerant Periodic Event-Triggered Consensus Under Communication Delay and Multiple Attacks. IEEE Systems Journal, 2022, 16, 6338-6349.	4.6	6
6	Assessing Risks of Biases in Cognitive Decision Support Systems. , 2021, , .		7
7	IMPACTS: a trust model for human-autonomy teaming. Human-Intelligent Systems Integration, 2021, 3, 79-97.	2.5	13
8	A review of human factors research performed from 2014 to 2017 in support of the Royal Canadian Air Force remotely piloted aircraft system project. Journal of Unmanned Vehicle Systems, 2021, 9, 1-20.	1.2	4
9	Capturing causality and bias in human action recognition. Pattern Recognition Letters, 2021, 147, 164-171.	4.2	6
10	On the philosophical, cognitive and mathematical foundations of symbiotic autonomous systems. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2021, 379, 20200362.	3.4	21
11	Towards a theoretical framework of autonomous systems underpinned by intelligence and systems sciences. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 52-63.	13.1	10
12	Perspectives on the Emerging Field of Autonomous Systems and its Theoretical Foundations. , 2021, , .		5
13	On Future Development of Autonomous Systems: A Report of the Plenary Panel at IEEE ICASâ€™21. , 2021, , .		8
14	Advances in Autonomous Systems: A Summary of the AutoDefence Summer School at IEEE ICASâ€™21. , 2021, , .		0
15	IMPACT: A Trust Model for Human-Agent Teaming. , 2020, , .		4
16	Risk, Trust, and Bias: Causal Regulators of Biometric-Enabled Decision Support. IEEE Access, 2020, 8, 148779-148792.	4.2	11
17	A Tripartite Theory of Trustworthiness for Autonomous Systems. , 2020, , .		11
18	On Autonomous Systems: From Reflexive, Imperative and Adaptive Intelligence to Autonomous and Cognitive Intelligence. , 2019, , .		11

#	Article	IF	Citations
19	Multisensory Cues for Encoding Urgency of System Hazards: Effect of Operator Experience on Perceived Urgency. International Journal of Aerospace Psychology, 2019, 29, 98-114.	0.9	3
20	Crew Performance and Situation Awareness in Three UAS GCS Layouts. Advances in Intelligent Systems and Computing, 2018, , 195-204.	0.6	0
21	A generic framework of intelligent adaptive learning systems: from learning effectiveness to training transfer. Theoretical Issues in Ergonomics Science, 2017, 18, 167-183.	1.8	24
22	An agent-based software architecture to aid human operators during UAS target engagement. , 2017, , .		0
23	Machine learning techniques for autonomous agents in military simulations â€" Multum in parvo. , 2017, , .		8
24	Authority Pathway: Intelligent Adaptive Automation for a UAS Ground Control Station. Lecture Notes in Computer Science, 2017, , 329-342.	1.3	6
25	Modeling behavior of Computer Generated Forces with Machine Learning Techniques, the NATO Task Group approach. , 2016, , .		6
26	Test-Bed for Integrated Ground Control Station Experimentation and Rehearsal: Crew Performance and Authority Pathway Concept Development. Lecture Notes in Computer Science, 2016, , 433-445.	1.3	6
27	Sustained Attention in Auditory and Visual Monitoring Tasks. Human Factors, 2015, 57, 1403-1416.	3.5	35
28	Untangling Operator Monitoring Approaches When Designing Intelligent Adaptive Systems for Operational Environments. Lecture Notes in Computer Science, 2014, , 26-34.	1.3	1
29	Effects of display mode and input method for handheld control of micro aerial vehicles for a reconnaissance mission. IEEE Transactions on Human-Machine Systems, 2013, 43, 149-160.	3.5	10
30	Multimodal Displays for Enhancing Performance in a Supervisory Monitoring Task. Proceedings of the Human Factors and Ergonomics Society, 2013, 57, 1164-1168.	0.3	2
31	An Efficient Outpatient Scheduling Approach. IEEE Transactions on Automation Science and Engineering, 2012, 9, 701-709.	5.2	47
32	Optimizing Operator&#x2013;Agent Interaction in Intelligent Adaptive Interface Design: A Conceptual Framework. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2011, 41, 161-178.	2.9	58
33	Effects of Vibrotactile Stimulation for Sustaining Performance in a Vigilance Task: A Pilot Study. Proceedings of the Human Factors and Ergonomics Society, 2011, 55, 1160-1164.	0.3	3
34	Role-Based Human-Computer Interactions. International Journal of Cognitive Informatics and Natural Intelligence, 2011, 5, 37-57.	0.4	6
35	Establishing the foundation of adaptive collaboration. , 2010, , .		9
36	Human-computer interaction with roles: A cognitive method for interaction. , 2010, , .		0

#	Article	IF	Citations
37	Restrain mental workload with roles in HCI. , 2009, , .		8
38	Comparative Evaluation of Display Technologies for Collaborative Design Review. Presence: Teleoperators and Virtual Environments, 2009, 18, 125-138.	0.6	6
39	Intelligent Adaptive Interfaces for the Control of Multiple UAVs. Journal of Cognitive Engineering and Decision Making, 2007, 1, 327-362.	2.3	37
40	Development of a Generic Design Framework for Intelligent Adaptive Systems. Lecture Notes in Computer Science, 2007, , 313-320.	1.3	7
41	Surface effects on alignment of graphic and real objects in a stereoscopic augmented reality environment. , 2001, , .		5
42	Perceptual localization of surface normal. , 1999, , .		2
43	A model of real-virtual object interactions in stereoscopic augmented reality environments. , 0, , .		1