

Tyler H Shaw

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.

43
papers

907
citations

16
h-index

29
g-index

44
ext. papers

1,095
ext. citations

2.1
avg, IF

4.36
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 43 | From automation to autonomy: the importance of trust repair in human-machine interaction. <i>Ergonomics</i> , 2018 , 61, 1409-1427 | 2.9 | 98 |
| 42 | Effects of sensory modality on cerebral blood flow velocity during vigilance. <i>Neuroscience Letters</i> , 2009 , 461, 207-11 | 3.3 | 82 |
| 41 | Individual differences in vigilance: Personality, ability and states of stress. <i>Journal of Research in Personality</i> , 2010 , 44, 297-308 | 2.8 | 82 |
| 40 | Predicting battlefield vigilance: a multivariate approach to assessment of attentional resources. <i>Ergonomics</i> , 2014 , 57, 856-75 | 2.9 | 72 |
| 39 | Effects of warned and unwarned demand transitions on vigilance performance and stress. <i>Anxiety, Stress and Coping</i> , 2008 , 21, 173-84 | 3.1 | 58 |
| 38 | Towards a Theory of Longitudinal Trust Calibration in Human-Robot Teams. <i>International Journal of Social Robotics</i> , 2020 , 12, 459-478 | 4 | 54 |
| 37 | Viewing the workload of vigilance through the lenses of the NASA-TLX and the MRQ. <i>Human Factors</i> , 2013 , 55, 1044-63 | 3.8 | 46 |
| 36 | Detecting threat-related intentional actions of others: effects of image quality, response mode, and target cuing on vigilance. <i>Journal of Experimental Psychology: Applied</i> , 2009 , 15, 275-90 | 1.8 | 45 |
| 35 | Event-related cerebral hemodynamics reveal target-specific resource allocation for both "go" and "no-go" response-based vigilance tasks. <i>Brain and Cognition</i> , 2013 , 82, 265-73 | 2.7 | 37 |
| 34 | Using cerebral hemovelocity to measure workload during a spatialised auditory vigilance task in novice and experienced observers. <i>Ergonomics</i> , 2013 , 56, 1251-63 | 2.9 | 36 |
| 33 | Effects of regular or irregular event schedules on cerebral hemovelocity during a sustained attention task. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2012 , 34, 57-66 | 2.1 | 33 |
| 32 | Team performance in networked supervisory control of unmanned air vehicles: effects of automation, working memory, and communication content. <i>Human Factors</i> , 2014 , 56, 463-75 | 3.8 | 27 |
| 31 | The sustained attention to response task (SART) does not promote mindlessness during vigilance performance. <i>Human Factors</i> , 2014 , 56, 1364-79 | 3.8 | 26 |
| 30 | Team Structure and Team Building Improve Human-Machine Teaming With Autonomous Agents. <i>Journal of Cognitive Engineering and Decision Making</i> , 2019 , 13, 258-278 | 2.5 | 21 |
| 29 | The Neuroergonomics of Vigilance. <i>Human Factors</i> , 2017 , 59, 62-75 | 3.8 | 17 |
| 28 | Measuring the Workload of Sustained Attention. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2006 , 50, 1614-1618 | 0.4 | 16 |
| 27 | Trust Repair Strategies with Self-Driving Vehicles: An Exploratory Study. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2018 , 62, 1108-1112 | 0.4 | 16 |

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| 26 | The functional fidelity of individual differences research: the case for context-matching. <i>Theoretical Issues in Ergonomics Science</i> , 2011 , 12, 435-450 | 2.2 | 15 |
| 25 | The Influence of Risky Conditions in Trust in Autonomous Systems. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2017 , 61, 324-328 | 0.4 | 13 |
| 24 | Application of a System-Wide Trust Strategy when Supervising Multiple Autonomous Agents. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2016 , 60, 133-137 | 0.4 | 13 |
| 23 | Statistical modelling of networked human-automation performance using working memory capacity. <i>Ergonomics</i> , 2014 , 57, 295-318 | 2.9 | 13 |
| 22 | Cerebral hemovelocity reveals differential resource allocation strategies for extraverts and introverts during vigilance. <i>Experimental Brain Research</i> , 2016 , 234, 577-85 | 2.3 | 12 |
| 21 | Measuring workload during a dynamic supervisory control task using cerebral blood flow velocity and the NASA-TLX. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2012 , 56, 163-167 | 0.4 | 9 |
| 20 | Neuroticism and vigilance revisited: A transcranial doppler investigation. <i>Consciousness and Cognition</i> , 2015 , 36, 19-26 | 2.6 | 8 |
| 19 | Mixing It Up: How Mixed Groups of Humans and Machines Modulate Conformity. <i>Journal of Cognitive Engineering and Decision Making</i> , 2019 , 13, 242-257 | 2.5 | 7 |
| 18 | Transcranial Doppler Sonography Reveals Reductions in Hemispheric Asymmetry in Healthy Older Adults during Vigilance. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 21 | 5.3 | 7 |
| 17 | A single-item assessment for remaining mental resources: development and validation of the Gas Tank Questionnaire (GTQ). <i>Theoretical Issues in Ergonomics Science</i> , 2018 , 19, 530-552 | 2.2 | 6 |
| 16 | The effects of self-control on cognitive resource allocation during sustained attention: a transcranial Doppler investigation. <i>Experimental Brain Research</i> , 2015 , 233, 2215-23 | 2.3 | 5 |
| 15 | Measurement of Trust in Automation: A Narrative Review and Reference Guide. <i>Frontiers in Psychology</i> , 2021 , 12, 604977 | 3.4 | 5 |
| 14 | Assessing Resource Utilization during Vigilance Using Transcranial Doppler: The Effects of Extraversion. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2013 , 57, 818-822 | 0.4 | 4 |
| 13 | A comparison of subjective and physiological workload assessment techniques during a 3-dimensional audio vigilance task. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2012 , 56, 1451-1455 | 0.4 | 4 |
| 12 | Using Transcranial Doppler Sonography to Measure Cognitive Load in a Command and Control Task. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2010 , 54, 249-253 | 0.4 | 3 |
| 11 | Designing Artificial Agents as Social Companions. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2017 , 61, 1604-1608 | 0.4 | 2 |
| 10 | Using cerebral hemovelocity to measure workload in a complex vigilance task with display redundancy. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2014 , 58, 400-404 | 0.4 | 2 |
| 9 | A Closer Look at Warning Cues on the Sustained Attention to Response Task Performance.. <i>Human Factors</i> , 2022 , 187208211060708 | 3.8 | 2 |

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| 8 | Transcranial Doppler sonography reveals sustained attention deficits in young adults diagnosed with ADHD. <i>Experimental Brain Research</i> , 2019 , 237, 511-520 | 2.3 | 2 |
| 7 | Transcranial Doppler Sonography in Neuroergonomics 2019 , 35-42 | | 2 |
| 6 | Best of Both Worlds: Evaluation of Multi-Modal Communication Management Suite. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2014 , 58, 410-414 | 0.4 | 1 |
| 5 | The Effect of Neuroticism on Vigilance Performance: A Transcranial Doppler Investigation. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2014 , 58, 969-973 | 0.4 | 1 |
| 4 | Towards Adaptive Automation. <i>Advances in Human Factors and Ergonomics Series</i> , 2010 , 52-61 | | 1 |
| 3 | Does Depleting Self-Control Result in Poorer Vigilance Performance?. <i>Human Factors</i> , 2019 , 61, 415-425 | 3.8 | 1 |
| 2 | The Effects of Dual-Task Interference on Visual Search and Verbal Memory.. <i>Ergonomics</i> , 2022 , 1-18 | 2.9 | 1 |
| 1 | Exploring the feasibility of using functional tissue pulsatility imaging to measure cognitive load during an abbreviated vigilance task. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2014 , 58, 225-229 | 0.4 | |