

Gerald Matthews

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

3,468
citations

257450

24
h-index

477307

29
g-index

30
all docs

30
docs citations

30
times ranked

2201
citing authors

#	ARTICLE	IF	CITATIONS
1	Vigilance Requires Hard Mental Work and Is Stressful. <i>Human Factors</i> , 2008, 50, 433-441.	3.5	900
2	Fundamental dimensions of subjective state in performance settings: Task engagement, distress, and worry.. <i>Emotion</i> , 2002, 2, 315-340.	1.8	465
3	The Effects of Signal Salience and Caffeine on Performance, Workload, and Stress in an Abbreviated Vigilance Task. <i>Human Factors</i> , 2000, 42, 183-194.	3.5	206
4	Task-induced fatigue states and simulated driving performance. <i>Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology</i> , 2002, 55, 659-686.	2.3	179
5	Arousal, extraversion, and individual differences in resource availability.. <i>Journal of Personality and Social Psychology</i> , 1990, 59, 150-168.	2.8	165
6	The Appraisal of Life Events (ALE) scale: Reliability and validity. <i>British Journal of Health Psychology</i> , 1999, 4, 97-116.	3.5	153
7	Task engagement, cerebral blood flow velocity, and diagnostic monitoring for sustained attention.. <i>Journal of Experimental Psychology: Applied</i> , 2010, 16, 187-203.	1.2	119
8	Age and Gender Differences in Perceived Accident Likelihood and Driver Competences. <i>Risk Analysis</i> , 1996, 16, 755-762.	2.7	112
9	Use of EEG Workload Indices for Diagnostic Monitoring of Vigilance Decrement. <i>Human Factors</i> , 2014, 56, 1136-1149.	3.5	100
10	Individual differences in vigilance: Personality, ability and states of stress. <i>Journal of Research in Personality</i> , 2010, 44, 297-308.	1.7	96
11	Individual differences in energetic arousal and sustained attention: a dual-task study. <i>Personality and Individual Differences</i> , 2001, 31, 575-589.	2.9	92
12	Stress state mediation between environmental variables and performance: The case of noise and vigilance. <i>Acta Psychologica</i> , 2009, 130, 204-213.	1.5	92
13	Workload and Performance: Associations, Insensitivities, and Dissociations. <i>Human Factors</i> , 2019, 61, 374-392.	3.5	89
14	Predicting battlefield vigilance: a multivariate approach to assessment of attentional resources. <i>Ergonomics</i> , 2014, 57, 856-875.	2.1	80
15	Individual differences in attentional networks: Trait and state correlates of the ANT. <i>Personality and Individual Differences</i> , 2012, 53, 574-579.	2.9	75
16	Prediction of mood and risk appraisals from trait measures: Two studies of simulated driving. <i>European Journal of Personality</i> , 1995, 9, 25-42.	3.1	73
17	The Cognitive Science of Attention and Emotion. , 2005, , 171-192.		57
18	Task Engagement, Attention, and Executive Control. <i>Plenum Series on Human Exceptionality</i> , 2010, , 205-230.	2.0	55

#	ARTICLE	IF	CITATIONS
19	Viewing the Workload of Vigilance Through the Lenses of the NASA-TLX and the MRQ. <i>Human Factors</i> , 2013, 55, 1044-1063.	3.5	55
20	Self-consciousness and cognitive failures as predictors of coping in stressful episodes. <i>Cognition and Emotion</i> , 1994, 8, 279-295.	2.0	51
21	Detection tasks in nuclear power plant operation: Vigilance decrement and physiological workload monitoring. <i>Safety Science</i> , 2016, 88, 97-107.	4.9	51
22	Dangerous intersections? A review of studies of fatigue and distraction in the automated vehicle. <i>Accident Analysis and Prevention</i> , 2019, 126, 85-94.	5.7	40
23	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.	1.3	37
24	Ipsative and Normative Scales in Adjectival Measurement of Personality: Problems of Bias and Discrepancy. <i>International Journal of Selection and Assessment</i> , 1997, 5, 169-182.	2.5	32
25	The expression of the "pre-menstrual syndrome"™ in measures of mood and sustained attention. <i>Ergonomics</i> , 1994, 37, 1407-1417.	2.1	28
26	Vigilance and Automation Dependence in Operation of Multiple Unmanned Aerial Systems (UAS): A Simulation Study. <i>Human Factors</i> , 2019, 61, 488-505.	3.5	22
27	The Neuroergonomics of Vigilance. <i>Human Factors</i> , 2017, 59, 62-75.	3.5	21
28	Signal probability effects on high-workload vigilance tasks. <i>Psychonomic Bulletin and Review</i> , 1996, 3, 339-343.	2.8	9
29	Cerebral Blood Flow Velocity and Subjective State as Indices of Resource Utilization during Sustained Driving. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2008, 52, 1252-1256.	0.3	8
30	The ANT Executive Control Index: No Evidence for Temporal Decrement. <i>Human Factors</i> , 2021, 63, 254-273.	3.5	6