

Kaleb Mcdowell

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

859
citations

687220

13
h-index

794469

19
g-index

24
all docs

24
docs citations

24
times ranked

1056
citing authors

#	ARTICLE	IF	CITATIONS
1	Systemic Oversimplification Limits the Potential for Human-AI Partnership. IEEE Access, 2021, 9, 70242-70260.	2.6	2
2	The privileged sensing framework: A principled approach to improved human-autonomy integration. Theoretical Issues in Ergonomics Science, 2018, 19, 283-320.	1.0	14
3	Towards Serious Games for Improved BCI. , 2017, , 197-224.		6
4	Mind-Wandering Tends to Occur under Low Perceptual Demands during Driving. Scientific Reports, 2016, 6, 21353.	1.6	37
5	Common EEG features for behavioral estimation in disparate, real-world tasks. Biological Psychology, 2016, 114, 93-107.	1.1	27
6	The effect of target and non-target similarity on neural classification performance: a boost from confidence. Frontiers in Neuroscience, 2015, 9, 270.	1.4	35
7	Towards Serious Games for Improved BCI. , 2015, , 1-28.		9
8	Usability of four commercially-oriented EEG systems. Journal of Neural Engineering, 2014, 11, 046018.	1.8	155
9	A Comparison of Electroencephalography Signals Acquired from Conventional and Mobile Systems. Journal of Neuroscience and Neuroengineering, 2014, 3, 10-20.	0.2	88
10	Developing a wearable real-world neuroimaging system to study stress. , 2013, , .		2
11	Real-World Neuroimaging Technologies. IEEE Access, 2013, 1, 131-149.	2.6	82
12	Translation of EEG-Based Performance Prediction Models to Rapid Serial Visual Presentation Tasks. Lecture Notes in Computer Science, 2013, , 521-530.	1.0	9
13	Task-Related Suppression of the Brainstem Frequency following Response. PLoS ONE, 2013, 8, e55215.	1.1	42
14	Detection and classification of subject-generated artifacts in EEG signals using autoregressive models. Journal of Neuroscience Methods, 2012, 208, 181-189.	1.3	176
15	Observing and modeling cognitive events through event-related potentials and ACT-R. Cognitive Systems Research, 2011, 12, 56-65.	1.9	17
16	The Effects of Time Lag on Driving Performance and a Possible Mitigation. IEEE Transactions on Robotics, 2010, 26, 590-593.	7.3	58
17	Evaluation of semi-automated convoy driving. Journal of Field Robotics, 2008, 25, 880-897.	3.2	18
18	Secure Mobility and the Autonomous Driver. , 2008, 24, 688-697.		22

#	ARTICLE	IF	CITATIONS
19	Effects of Ride Motion on Reaction Times for Reaching Tasks. , 2005, , .		4
20	Neuromodulatory effects of caffeine and bromazepam on visual event-related potential (P300): a comparative study. Arquivos De Neuro-Psiquiatria, 2005, 63, 410-415.	0.3	9
21	Visual event-related potencial (P300): a normative study. Arquivos De Neuro-Psiquiatria, 2004, 62, 575-581.	0.3	11
22	The effects of probability and relative direction on human somatomotor electroencephalographic rhythms. Neuroscience Letters, 2002, 324, 17-20.	1.0	1
23	Behavioral and electrocortical evidence of an interaction between probability and task metrics in movement preparation. Experimental Brain Research, 2002, 144, 303-313.	0.7	33