

# Kaleb Mcdowell

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11072418/publications.pdf>

Version: 2024-02-01

23  
papers

859  
citations

686830

13  
h-index

794141

19  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1056  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection and classification of subject-generated artifacts in EEG signals using autoregressive models. Journal of Neuroscience Methods, 2012, 208, 181-189.	1.3	176
2	Usability of four commercially-oriented EEG systems. Journal of Neural Engineering, 2014, 11, 046018.	1.8	155
3	A Comparison of Electroencephalography Signals Acquired from Conventional and Mobile Systems. Journal of Neuroscience and Neuroengineering, 2014, 3, 10-20.	0.2	88
4	Real-World Neuroimaging Technologies. IEEE Access, 2013, 1, 131-149.	2.6	82
5	The Effects of Time Lag on Driving Performance and a Possible Mitigation. IEEE Transactions on Robotics, 2010, 26, 590-593.	7.3	58
6	Task-Related Suppression of the Brainstem Frequency following Response. PLoS ONE, 2013, 8, e55215.	1.1	42
7	Mind-Wandering Tends to Occur under Low Perceptual Demands during Driving. Scientific Reports, 2016, 6, 21353.	1.6	37
8	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
9	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
10	Common EEG features for behavioral estimation in disparate, real-world tasks. Biological Psychology, 2016, 114, 93-107.	1.1	27
11	Secure Mobility and the Autonomous Driver. , 2008, 24, 688-697.		22
12	Evaluation of semi-autonomous convoy driving. Journal of Field Robotics, 2008, 25, 880-897.	3.2	18
13	Observing and modeling cognitive events through event-related potentials and ACT-R. Cognitive Systems Research, 2011, 12, 56-65.	1.9	17
14	The privileged sensing framework: A principled approach to improved human-autonomy integration. Theoretical Issues in Ergonomics Science, 2018, 19, 283-320.	1.0	14
15	Visual event-related potential (P300): a normative study. Arquivos De Neuro-Psiquiatria, 2004, 62, 575-581.	0.3	11
16	Translation of EEG-Based Performance Prediction Models to Rapid Serial Visual Presentation Tasks. Lecture Notes in Computer Science, 2013, , 521-530.	1.0	9
17	Towards Serious Games for Improved BCI. , 2015, , 1-28.		9
18	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

#	ARTICLE	IF	CITATIONS
19	Towards Serious Games for Improved BCI. , 2017, , 197-224.		6
20	Effects of Ride Motion on Reaction Times for Reaching Tasks. , 2005, , .		4
21	Developing a wearable real-world neuroimaging system to study stress. , 2013, , .		2
22	Systemic Oversimplification Limits the Potential for Human-AI Partnership. IEEE Access, 2021, 9, 70242-70260.	2.6	2
23	The effects of probability and relative direction on human somatomotor electroencephalographic rhythms. Neuroscience Letters, 2002, 324, 17-20.	1.0	1