

# Tim Mullen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1676394/publications.pdf>

Version: 2024-02-01

26  
papers

2,034  
citations

759233

12  
h-index

1125743

13  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2584  
citing authors

#	ARTICLE	IF	CITATIONS
1	The PREP pipeline: standardized preprocessing for large-scale EEG analysis. <i>Frontiers in Neuroinformatics</i> , 2015, 9, 16.	2.5	730
2	EEGLAB, SIFT, NFT, BCILAB, and ERICA: New Tools for Advanced EEG Processing. <i>Computational Intelligence and Neuroscience</i> , 2011, 2011, 1-12.	1.7	495
3	Real-time modeling and 3D visualization of source dynamics and connectivity using wearable EEG. , 2013, 2013, 2184-7.		253
4	Augmented Brain Computer Interaction Based on Fog Computing and Linked Data. , 2014, , .		89
5	Measure projection analysis: A probabilistic approach to EEG source comparison and multi-subject inference. <i>NeuroImage</i> , 2013, 72, 287-303.	4.2	80
6	Closed-Loop Brainâ€“Machineâ€“Body Interfaces for Noninvasive Rehabilitation of Movement Disorders. <i>Annals of Biomedical Engineering</i> , 2014, 42, 1573-1593.	2.5	47
7	Pervasive brain monitoring and data sharing based on multi-tier distributed computing and linked data technology. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 370.	2.0	46
8	Fast and robust Block-Sparse Bayesian learning for EEG source imaging. <i>NeuroImage</i> , 2018, 174, 449-462.	4.2	40
9	Mind-Wandering Tends to Occur under Low Perceptual Demands during Driving. <i>Scientific Reports</i> , 2016, 6, 21353.	3.3	37
10	First Demonstration of a Musical Emotion BCI. <i>Lecture Notes in Computer Science</i> , 2011, , 487-496.	1.3	25
11	Automated detection of cross-frequency coupling in the electrocorticogram for clinical inspection. , 2013, 2013, 3282-5.		25
12	Effect of Visual Feedback on the Occipital-Parietal-Motor Network in Parkinsonâ€™s Disease with Freezing of Gait. <i>Frontiers in Neurology</i> , 2014, 4, 209.	2.4	21
13	Modeling cortical source dynamics and interactions during seizure. , 2011, 2011, 1411-4.		20
14	Automated EEG mega-analysis II: Cognitive aspects of event related features. <i>NeuroImage</i> , 2020, 207, 116054.	4.2	19
15	Automated EEG mega-analysis I: Spectral and amplitude characteristics across studies. <i>NeuroImage</i> , 2020, 207, 116361.	4.2	19
16	EEG-Based Quantification of Cortical Current Density and Dynamic Causal Connectivity Generalized across Subjects Performing BCI-Monitored Cognitive Tasks. <i>Frontiers in Neuroscience</i> , 2017, 11, 180.	2.8	16
17	A pBCI to Predict Attentional Error Before it Happens in Real Flight Conditions. , 2019, , .		16
18	Online recursive independent component analysis for real-time source separation of high-density EEG. , 2014, 2014, 3845-8.		14

#	ARTICLE	IF	CITATIONS
19	Multivariate principal oscillation pattern analysis of ICA sources during seizure. , 2012, 2012, 2921-4.		11
20	PWC-ICA: A Method for Stationary Ordered Blind Source Separation with Application to EEG. Computational Intelligence and Neuroscience, 2016, 2016, 1-20.	1.7	11
21	Causal analysis of cortical networks involved in reaching to spatial targets. , 2014, 2014, 4399-402.		9
22	Finding the Optimal Cross-Subject EEG Data Alignment Method for Analysis and BCI. , 2018, , .		4
23	Validating online recursive independent component analysis on EEG data. , 2015, , .		3
24	STRUM: A New Dataset for Neuroergonomics Research. , 2018, , .		2
25	Deep Neural Networks for Forecasting Single-Trial Event-Related Neural Activity. , 2018, , .		1
26	Online Tracking of Canonical Brain Network Activation and Behavioral Prediction Using Bayesian Filtering. , 2019, , .		0