

Arnaud Delorme

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2777477/publications.pdf>

Version: 2024-02-01

25
papers

20,491
citations

623574

14
h-index

713332

21
g-index

32
all docs

32
docs citations

32
times ranked

17475
citing authors

#	ARTICLE	IF	CITATIONS
1	EEGLAB: an open source toolbox for analysis of single-trial EEG dynamics including independent component analysis. <i>Journal of Neuroscience Methods</i> , 2004, 134, 9-21.	1.3	18,121
2	Independent EEG Sources Are Dipolar. <i>PLoS ONE</i> , 2012, 7, e30135.	1.1	669
3	EEGLAB, SIFT, NFT, BCILAB, and ERICA: New Tools for Advanced EEG Processing. <i>Computational Intelligence and Neuroscience</i> , 2011, 2011, 1-12.	1.1	495
4	What is novel in the novelty oddball paradigm? Functional significance of the novelty P3 event-related potential as revealed by independent component analysis. <i>Cognitive Brain Research</i> , 2005, 22, 309-321.	3.3	247
5	EEG-BIDS, an extension to the brain imaging data structure for electroencephalography. <i>Scientific Data</i> , 2019, 6, 103.	2.4	209
6	Medial Prefrontal Theta Bursts Precede Rapid Motor Responses during Visual Selective Attention. <i>Journal of Neuroscience</i> , 2007, 27, 11949-11959.	1.7	135
7	Applying dimension reduction to EEG data by Principal Component Analysis reduces the quality of its subsequent Independent Component decomposition. <i>NeuroImage</i> , 2018, 175, 176-187.	2.1	129
8	Oculometric variations during mind wandering. <i>Frontiers in Psychology</i> , 2014, 5, 31.	1.1	93
9	RELICA: A method for estimating the reliability of independent components. <i>NeuroImage</i> , 2014, 103, 391-400.	2.1	76
10	EEG changes accompanying learned regulation of 12-Hz EEG activity. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2003, 11, 133-137.	2.7	63
11	The neuroscience of meditation: classification, phenomenology, correlates, and mechanisms. <i>Progress in Brain Research</i> , 2019, 244, 1-29.	0.9	63
12	Grand average ERP-image plotting and statistics: A method for comparing variability in event-related single-trial EEG activities across subjects and conditions. <i>Journal of Neuroscience Methods</i> , 2015, 250, 3-6.	1.3	46
13	The open EEGLAB portal Interface: High-Performance computing with EEGLAB. <i>NeuroImage</i> , 2021, 224, 116778.	2.1	33
14	Self-health monitoring and wearable neurotechnologies. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2020, 168, 207-232.	1.0	20
15	When the meditating mind wanders. <i>Current Opinion in Psychology</i> , 2019, 28, 133-137.	2.5	19
16	High-density EEG mobile brain/body imaging data recorded during a challenging auditory gait pacing task. <i>Scientific Data</i> , 2019, 6, 211.	2.4	13
17	Human or not human? Performance monitoring ERPs during human agent and machine supervision. <i>NeuroImage</i> , 2019, 186, 266-277.	2.1	13
18	Evaluation of performance monitoring ERPs through difficulty manipulation in a response-feedback paradigm. <i>Brain Research</i> , 2019, 1704, 196-206.	1.1	12

#	ARTICLE	IF	CITATIONS
19	A visual working memory dataset collection with bootstrap Independent Component Analysis for comparison of electroencephalographic preprocessing pipelines. Data in Brief, 2019, 22, 787-793.	0.5	9
20	Capturing the nature of events and event context using hierarchical event descriptors (HED). NeuroImage, 2021, 245, 118766.	2.1	8
21	The Brainarium: An Interactive Immersive Tool for Brain Education, Art, and Neurotherapy. Computational Intelligence and Neuroscience, 2016, 2016, 1-12.	1.1	7
22	The Open EEGLAB portal. , 2019, , .		3
23	Tools for Importing and Evaluating BIDS-EEG Formatted Data. , 2021, , .		3
24	Heart rate variability biofeedback intero-nociceptive emotion exposure therapy for adverse childhood experiences. F1000Research, 2020, 9, 326.	0.8	0
25	Heart rate variability biofeedback intero-nociceptive emotion exposure therapy for adverse childhood experiences. F1000Research, 0, 9, 326.	0.8	0