

Arnaud Delorme

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

14,252
citations

13
h-index

32
g-index

32
ext. papers

17,896
ext. citations

4.9
avg, IF

6.97
L-index

#	Paper	IF	Citations
25	Capturing the nature of events and event context using hierarchical event descriptors (HED). <i>NeuroImage</i> , 2021 , 245, 118766	7.9	1
24	The open EEGLAB portal Interface: High-Performance computing with EEGLAB. <i>NeuroImage</i> , 2021 , 224, 116778	7.9	14
23	Self-health monitoring and wearable neurotechnologies. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2020 , 168, 207-232	3	9
22	Heart rate variability biofeedback intero-nociceptive emotion exposure therapy for adverse childhood experiences.. <i>F1000Research</i> , 2020 , 9, 326	3.6	
21	High-density EEG mobile brain/body imaging data recorded during a challenging auditory gait pacing task. <i>Scientific Data</i> , 2019 , 6, 211	8.2	6
20	EEG-BIDS, an extension to the brain imaging data structure for electroencephalography. <i>Scientific Data</i> , 2019 , 6, 103	8.2	89
19	The Open EEGLAB portal 2019 ,		3
18	When the meditating mind wanders. <i>Current Opinion in Psychology</i> , 2019 , 28, 133-137	6.2	9
17	Human or not human? Performance monitoring ERPs during human agent and machine supervision. <i>NeuroImage</i> , 2019 , 186, 266-277	7.9	7
16	The neuroscience of meditation: classification, phenomenology, correlates, and mechanisms. <i>Progress in Brain Research</i> , 2019 , 244, 1-29	2.9	32
15	A visual working memory dataset collection with bootstrap Independent Component Analysis for comparison of electroencephalographic preprocessing pipelines. <i>Data in Brief</i> , 2019 , 22, 787-793	1.2	7
14	Evaluation of performance monitoring ERPs through difficulty manipulation in a response-feedback paradigm. <i>Brain Research</i> , 2019 , 1704, 196-206	3.7	5
13	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	7.9	71
12	The Brainerium: An Interactive Immersive Tool for Brain Education, Art, and Neurotherapy. <i>Computational Intelligence and Neuroscience</i> , 2016 , 2016, 4204385	3	6
11	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	3	37
10	RELICA: a method for estimating the reliability of independent components. <i>NeuroImage</i> , 2014 , 103, 391-400	7.9	56
9	Oculometric variations during mind wandering. <i>Frontiers in Psychology</i> , 2014 , 5, 31	3.4	68

8	Independent EEG sources are dipolar. <i>PLoS ONE</i> , 2012 , 7, e30135	3.7	487
7	EEGLAB, SIFT, NFT, BCILAB, and ERICA: new tools for advanced EEG processing. <i>Computational Intelligence and Neuroscience</i> , 2011 , 2011, 130714	3	383
6	Medial prefrontal theta bursts precede rapid motor responses during visual selective attention. <i>Journal of Neuroscience</i> , 2007 , 27, 11949-59	6.6	108
5	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, 309-21		205
4	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	3	12595
3	EEG changes accompanying learned regulation of 12-Hz EEG activity. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2003 , 11, 133-7	4.8	51
2	Capturing the nature of events and event context using Hierarchical Event Descriptors (HED)		1
1	Heart rate variability biofeedback intero-nociceptive emotion exposure therapy for adverse childhood experiences. <i>F1000Research</i> , 9 , 326	3.6	