Christian Brodbeck

List of Publications by Year
in descending order

27 papers	4,278 citations	687363 13 h-index	794594 19 g-index
43 all docs	43 docs citations	43 times ranked	3582 citing authors

#	Article	IF	Citations
1	MEG and EEG data analysis with MNE-Python. Frontiers in Neuroscience, 2013, 7, 267.	2.8	1,864
2	MNE software for processing MEG and EEG data. NeuroImage, 2014, 86, 446-460.	4.2	1,431
3	Rapid Transformation from Auditory to Linguistic Representations of Continuous Speech. Current Biology, 2018, 28, 3976-3983.e5.	3.9	211
4	Neural source dynamics of brain responses to continuous stimuli: Speech processing from acoustics to comprehension. NeuroImage, 2018, 172, 162-174.	4.2	115
5	Skin Conductance Response to the Pain of Others Predicts Later Costly Helping. PLoS ONE, 2011, 6, e22759.	2.5	102
6	Continuous speech processing. Current Opinion in Physiology, 2020, 18, 25-31.	1.8	80
7	Neural speech restoration at the cocktail party: Auditory cortex recovers masked speech of both attended and ignored speakers. PLoS Biology, 2020, 18, e3000883.	5.6	76
8	Neural Markers of Speech Comprehension: Measuring EEG Tracking of Linguistic Speech Representations, Controlling the Speech Acoustics. Journal of Neuroscience, 2021, 41, 10316-10329.	3.6	68
9	The temporal dynamics of structure and content in sentence comprehension: Evidence from fMRIâ€constrained MEG. Human Brain Mapping, 2019, 40, 663-678.	3.6	63
10	Over-Representation of Speech in Older Adults Originates from Early Response in Higher Order Auditory Cortex. Acta Acustica United With Acustica, 2018, 104, 774-777.	0.8	45
11	High gamma cortical processing of continuous speech in younger and older listeners. NeuroImage, 2020, 222, 117291.	4.2	39
12	Parallel processing in speech perception with local and global representations of linguistic context. ELife, 2022, 11, .	6.0	39
13	Language in context: Characterizing the comprehension of referential expressions with MEG. NeuroImage, 2017, 147, 447-460.	4.2	20
14	Neuro-current response functions: A unified approach to MEG source analysis under the continuous stimuli paradigm. NeuroImage, 2020, 211, 116528.	4.2	14
15	Language in Context: MEG Evidence for Modality-General and -Specific Responses to Reference Resolution. ENeuro, 2016, 3, ENEURO.0145-16.2016.	1.9	9
16	Poststroke acute dysexecutive syndrome, a disorder resulting from minor stroke due to disruption of network dynamics. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 33578-33585.	7.1	8
17	Does signal reduction imply predictive coding in models of spoken word recognition?. Psychonomic Bulletin and Review, 2021, 28, 1381-1389.	2.8	8
18	EEG can Track the Time Course of Successful Reference Resolution in Small Visual Worlds. Frontiers in Psychology, 2015, 6, 1787.	2.1	6

#	Article	IF	Citations
19	Bilaterally Reduced Rolandic Beta Band Activity in Minor Stroke Patients. Frontiers in Neurology, 2022, 13, 819603.	2.4	3
20	Cortical Localization of the Auditory Temporal Response Function from MEG via Non-convex Optimization. , 2018, , .		1
21	Examining the context benefit in older adults: A combined behavioral-electrophysiologic word identification study. Neuropsychologia, 2022, 170, 108224.	1.6	0
22	Title is missing!. , 2020, 18, e3000883.		0
23	Title is missing!. , 2020, 18, e3000883.		0
24	Title is missing!. , 2020, 18, e3000883.		0
25	Title is missing!. , 2020, 18, e3000883.		0
26	Title is missing!. , 2020, 18, e3000883.		0
27	Title is missing!. , 2020, 18, e3000883.		0