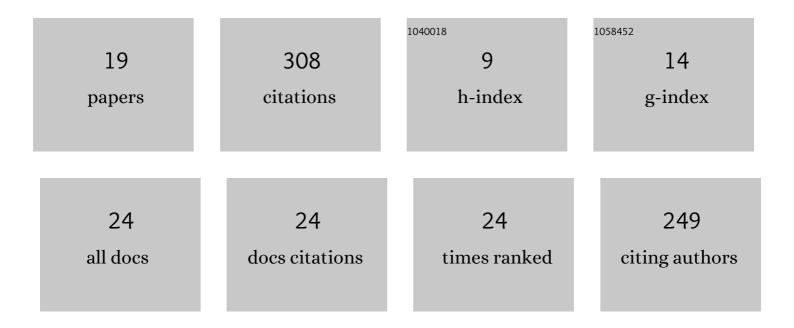
## **Chang Cai**

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7699265/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Spectral graph theory of brain oscillations. Human Brain Mapping, 2020, 41, 2980-2998.	3.6	46
2	Altered excitatory and inhibitory neuronal subpopulation parameters are distinctly associated with tau and amyloid in Alzheimerâ $\in$ <sup>IM</sup> s disease. ELife, 0, 11, .	6.0	45
3	Hierarchical multiscale Bayesian algorithm for robust MEG/EEG source reconstruction. NeuroImage, 2018, 183, 698-715.	4.2	40
4	Robust estimation of noise for electromagnetic brain imaging with the champagne algorithm. Neurolmage, 2021, 225, 117411.	4.2	24
5	Robust Empirical Bayesian Reconstruction of Distributed Sources for Electromagnetic Brain Imaging. IEEE Transactions on Medical Imaging, 2020, 39, 567-577.	8.9	21
6	NUTMEG: Open Source Software for M/EEG Source Reconstruction. Frontiers in Neuroscience, 2020, 14, 710.	2.8	15
7	Emergence of canonical functional networks from the structural connectome. NeuroImage, 2021, 237, 118190.	4.2	15
8	Unification of sparse Bayesian learning algorithms for electromagnetic brain imaging with the majorization minimization framework. NeuroImage, 2021, 239, 118309.	4.2	15
9	Functional and Structural Brain Plasticity in Adult Onset Single-Sided Deafness. Frontiers in Human Neuroscience, 2018, 12, 474.	2.0	14
10	Evaluation of a dual signal subspace projection algorithm in magnetoencephalographic recordings from patients with intractable epilepsy and vagus nerve stimulators. NeuroImage, 2019, 188, 161-170.	4.2	13
11	Cross-modal plasticity in adult single-sided deafness revealed by alpha band resting-state functional connectivity. Neurolmage, 2020, 207, 116376.	4.2	13
12	Comparison of DSSP and tSSS algorithms for removing artifacts from vagus nerve stimulators in magnetoencephalography data. Journal of Neural Engineering, 2019, 16, 066045.	3.5	12
13	Beta-band activity in medial prefrontal cortex predicts source memory encoding and retrieval accuracy. Scientific Reports, 2019, 9, 6814.	3.3	10
14	Deep EEG Superresolution via Correlating Brain Structural and Functional Connectivities. IEEE Transactions on Cybernetics, 2023, 53, 4410-4422.	9.5	7
15	Clinical Validation of the Champagne Algorithm for Epilepsy Spike Localization. Frontiers in Human Neuroscience, 2021, 15, 642819.	2.0	4
16	Empirical Bayesian localization of event-related time-frequency neural activity dynamics. NeuroImage, 2022, 258, 119369.	4.2	3
17	Interhemispheric Auditory Cortical Synchronization in Asymmetric Hearing Loss. Ear and Hearing, 2021, 42, 1253-1262.	2.1	2
18	Clinical Validation of the Champagne Algorithm for Evoked Response Source Localization in Magnetoencephalography. Brain Topography, 2021, , 1.	1.8	2

#	Article	IF	CITATIONS
19	A preliminary study of brain connectivity in autism using affection-evoked movie clips. , 2021, , .		1