

Chang Cai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7699265/publications.pdf>

Version: 2024-02-01

19
papers

308
citations

1040018

9
h-index

1058452

14
g-index

24
all docs

24
docs citations

24
times ranked

249
citing authors

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

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