

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
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1040018

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24
docs citations

24
times ranked

249
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Deep EEG Superresolution via Correlating Brain Structural and Functional Connectivities. IEEE Transactions on Cybernetics, 2023, 53, 4410-4422. | 9.5 | 7 |
| 2 | Empirical Bayesian localization of event-related time-frequency neural activity dynamics. NeuroImage, 2022, 258, 119369. | 4.2 | 3 |
| 3 | Robust estimation of noise for electromagnetic brain imaging with the champagne algorithm. NeuroImage, 2021, 225, 117411. | 4.2 | 24 |
| 4 | Interhemispheric Auditory Cortical Synchronization in Asymmetric Hearing Loss. Ear and Hearing, 2021, 42, 1253-1262. | 2.1 | 2 |
| 5 | Clinical Validation of the Champagne Algorithm for Epilepsy Spike Localization. Frontiers in Human Neuroscience, 2021, 15, 642819. | 2.0 | 4 |
| 6 | Clinical Validation of the Champagne Algorithm for Evoked Response Source Localization in Magnetoencephalography. Brain Topography, 2021, , 1. | 1.8 | 2 |
| 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 | A preliminary study of brain connectivity in autism using affection-evoked movie clips. , 2021, , . | | 1 |
| 10 | Robust Empirical Bayesian Reconstruction of Distributed Sources for Electromagnetic Brain Imaging. IEEE Transactions on Medical Imaging, 2020, 39, 567-577. | 8.9 | 21 |
| 11 | Cross-modal plasticity in adult single-sided deafness revealed by alpha band resting-state functional connectivity. NeuroImage, 2020, 207, 116376. | 4.2 | 13 |
| 12 | NUTMEG: Open Source Software for M/EEG Source Reconstruction. Frontiers in Neuroscience, 2020, 14, 710. | 2.8 | 15 |
| 13 | Spectral graph theory of brain oscillations. Human Brain Mapping, 2020, 41, 2980-2998. | 3.6 | 46 |
| 14 | 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 |
| 15 | Beta-band activity in medial prefrontal cortex predicts source memory encoding and retrieval accuracy. Scientific Reports, 2019, 9, 6814. | 3.3 | 10 |
| 16 | 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 |
| 17 | Functional and Structural Brain Plasticity in Adult Onset Single-Sided Deafness. Frontiers in Human Neuroscience, 2018, 12, 474. | 2.0 | 14 |
| 18 | Hierarchical multiscale Bayesian algorithm for robust MEG/EEG source reconstruction. NeuroImage, 2018, 183, 698-715. | 4.2 | 40 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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 |