

Matteo Demuru

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

741
citations

840776

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1125743

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15
all docs

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docs citations

15
times ranked

1104
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A comparison between power spectral density and network metrics: An EEG study. <i>Biomedical Signal Processing and Control</i> , 2020, 57, 101760. | 5.7 | 35 |
| 2 | EEG Fingerprints under Naturalistic Viewing Using a Portable Device. <i>Sensors</i> , 2020, 20, 6565. | 3.8 | 4 |
| 3 | EEG fingerprinting: Subject-specific signature based on the aperiodic component of power spectrum. <i>Computers in Biology and Medicine</i> , 2020, 120, 103748. | 7.0 | 52 |
| 4 | Subject, session and task effects on power, connectivity and network centrality: A source-based EEG study. <i>Biomedical Signal Processing and Control</i> , 2020, 59, 101891. | 5.7 | 11 |
| 5 | A comparison between scalp- and source-reconstructed EEG networks. <i>Scientific Reports</i> , 2018, 8, 12269. | 3.3 | 101 |
| 6 | Minimum spanning tree and k -core decomposition as measure of subject-specific EEG traits. <i>Biomedical Physics and Engineering Express</i> , 2016, 2, 017001. | 1.2 | 29 |
| 7 | EEG functional network topology is associated with disability in patients with amyotrophic lateral sclerosis. <i>Scientific Reports</i> , 2016, 6, 38653. | 3.3 | 30 |
| 8 | The effect of epoch length on estimated EEG functional connectivity and brain network organisation. <i>Journal of Neural Engineering</i> , 2016, 13, 036015. | 3.5 | 199 |
| 9 | An EEG-Based Biometric System Using Eigenvector Centrality in Resting State Brain Networks. <i>IEEE Signal Processing Letters</i> , 2015, 22, 666-670. | 3.6 | 117 |
| 10 | The re-organization of functional brain networks in pharmaco-resistant epileptic patients who respond to VNS. <i>Neuroscience Letters</i> , 2014, 580, 153-157. | 2.1 | 45 |
| 11 | Changes in MEG resting-state networks are related to cognitive decline in type 1 diabetes mellitus patients. <i>NeuroImage: Clinical</i> , 2014, 5, 69-76. | 2.7 | 19 |
| 12 | Brain network analysis of EEG functional connectivity during imagery hand movements. <i>Journal of Integrative Neuroscience</i> , 2013, 12, 441-447. | 1.7 | 36 |
| 13 | VNS induced desynchronization in gamma bands correlates with positive clinical outcome in temporal lobe pharmaco-resistant epilepsy. <i>Neuroscience Letters</i> , 2013, 536, 14-18. | 2.1 | 62 |