

Matteo Demuru

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

741
citations

840776

11
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

1104
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	A comparison between scalp- and source-reconstructed EEG networks. <i>Scientific Reports</i> , 2018, 8, 12269.	3.3	101
4	VNS induced desynchronization in gamma bands correlates with positive clinical outcome in temporal lobe pharmacoresistant epilepsy. <i>Neuroscience Letters</i> , 2013, 536, 14-18.	2.1	62
5	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
6	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
7	Brain network analysis of EEG functional connectivity during imagery hand movements. <i>Journal of Integrative Neuroscience</i> , 2013, 12, 441-447.	1.7	36
8	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
9	EEG functional network topology is associated with disability in patients with amyotrophic lateral sclerosis. <i>Scientific Reports</i> , 2016, 6, 38653.	3.3	30
10	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
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	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
13	EEG Fingerprints under Naturalistic Viewing Using a Portable Device. <i>Sensors</i> , 2020, 20, 6565.	3.8	4