Matteo Fraschini

List of Publications by Year
in descending order

38 papers	1,038 citations	566801 15 h-index	454577 30 g-index
45 all docs	45 docs citations	45 times ranked	1391 citing authors

#	Article	IF	Citations
1	Cortical and subcortical changes in resting-state neuronal activity and connectivity in early symptomatic ALS and advanced frontotemporal dementia. NeuroImage: Clinical, 2022, 34, 102965.	1.4	3
2	Scorepochs: A Computer-Aided Scoring Tool for Resting-State M/EEG Epochs. Sensors, 2022, 22, 2853.	2.1	2
3	A wearable electronic system for EEG recording. , 2022, , .		3
4	Sleepâ€related hypermotor epilepsy and nonâ€rapid eye movement parasomnias: Differences in the periodic and aperiodic component of the electroencephalographic power spectra. Journal of Sleep Research, 2021, 30, e13339.	1.7	18
5	Reshaping cortical connectivity in traumatic spinal cord injury: a novel effect of hyperbaric oxygen therapy. Spinal Cord Series and Cases, 2021, 7, 80.	0.3	1
6	On the Variability of Functional Connectivity and Network Measures in Source-Reconstructed EEG Time-Series. Entropy, 2021, 23, 5.	1.1	7
7	A comparison between power spectral density and network metrics: An EEG study. Biomedical Signal Processing and Control, 2020, 57, 101760.	3.5	35
8	EEG Fingerprints under Naturalistic Viewing Using a Portable Device. Sensors, 2020, 20, 6565.	2.1	4
9	Exploring the Correlation Between M/EEG Sourceâ€"Space and fMRI Networks at Rest. Brain Topography, 2020, 33, 151-160.	0.8	22
10	EEG fingerprinting: Subject-specific signature based on the aperiodic component of power spectrum. Computers in Biology and Medicine, 2020, 120, 103748.	3.9	52
11	Subject, session and task effects on power, connectivity and network centrality: A source-based EEG study. Biomedical Signal Processing and Control, 2020, 59, 101891.	3.5	11
12	Robustness of functional connectivity metrics for EEG-based personal identification over task-induced intra-class and inter-class variations. Pattern Recognition Letters, 2019, 125, 49-54.	2.6	41
13	Resting-state MEG measurement of functional activation as a biomarker for cognitive decline in MS. Multiple Sclerosis Journal, 2019, 25, 1896-1906.	1.4	19
14	PhysioUnicaDB: a dataset of EEG and ECG simultaneously acquired. Pattern Recognition Letters, 2019, 126, 119-122.	2.6	6
15	Personal Identity Verification by EEG-Based Network Representation on a Portable Device. Lecture Notes in Computer Science, 2019, , 164-171.	1.0	1
16	Functional brain connectivity analysis in amyotrophic lateral sclerosis: an EEG source-space study. Biomedical Physics and Engineering Express, 2018, 4, 037004.	0.6	12
17	A comparison between scalp- and source-reconstructed EEG networks. Scientific Reports, 2018, 8, 12269.	1.6	101
18	Fusion of physiological measures for multimodal biometric systems. Multimedia Tools and Applications, 2017, 76, 4835-4847.	2.6	30

#	Article	IF	Citations
19	Minimum spanning tree and k-core decomposition as measure of subject-specific EEG traits. Biomedical Physics and Engineering Express, 2016, 2, 017001.	0.6	29
20	EEG functional network topology is associated with disability in patients with amyotrophic lateral sclerosis. Scientific Reports, 2016, 6, 38653.	1.6	30
21	The effect of epoch length on estimated EEG functional connectivity and brain network organisation. Journal of Neural Engineering, 2016, 13, 036015.	1.8	199
22	Experimental results on multi-modal fusion of EEG-based personal verification algorithms. , 2016, , .		10
23	EEG/ECG Signal Fusion Aimed at Biometric Recognition. Lecture Notes in Computer Science, 2015, , 35-42.	1.0	8
24	An EEG-Based Biometric System Using Eigenvector Centrality in Resting State Brain Networks. IEEE Signal Processing Letters, 2015, 22, 666-670.	2.1	117
25	The re-organization of functional brain networks in pharmaco-resistant epileptic patients who respond to VNS. Neuroscience Letters, 2014, 580, 153-157.	1.0	45
26	Changes in MEG resting-state networks are related to cognitive decline in type 1 diabetes mellitus patients. NeuroImage: Clinical, 2014, 5, 69-76.	1.4	19
27	Brain network analysis of EEG functional connectivity during imagery hand movements. Journal of Integrative Neuroscience, 2013, 12, 441-447.	0.8	36
28	VNS induced desynchronization in gamma bands correlates with positive clinical outcome in temporal lobe pharmacoresistant epilepsy. Neuroscience Letters, 2013, 536, 14-18.	1.0	62
29	CINtec PLUS Immunocytochemistry as a Tool for the Cytologic Diagnosis of Glandular Lesions of the Cervix Uteri. American Journal of Clinical Pathology, 2012, 138, 652-656.	0.4	24
30	Multiple organ failure syndrome in the newborn: morphological and immunohistochemical data. Journal of Maternal-Fetal and Neonatal Medicine, 2012, 25, 68-71.	0.7	6
31	â€œPhysiologicalâ€•renal regenerating medicine in VLBW preterm infants: could a dream come true?. Journal of Maternal-Fetal and Neonatal Medicine, 2012, 25, 41-48.	0.7	29
32	Mammographic masses classification: novel and simple signal analysis method. Electronics Letters, 2011, 47, 14.	0.5	13
33	Enhancement of shortening velocity, power, and actoâ€myosin crossbridge (CB) kinetics following longâ€term treatment with propionylâ€Lâ€carnitine, coenzyme Q$_{10}$, and omegaâ€3 fatty acids in BIO TOâ€2 cardiomyopathic Syrian hamsters papillary muscle. BioFactors, 2010, 36, 229-239.	2.6	11
34	Equilibrium and dissipative structures role on images. Pattern Recognition Letters, 2007, 28, 1865-1872.	2.6	2
35	Performance Evaluation in Image Processing. Eurasip Journal on Advances in Signal Processing, 2006, 2006, 1.	1.0	14
36	A metabolic approach to the treatment of dilated cardiomyopathy in BIO T0â€"2 cardiomyopathic Syrian hamsters. BioFactors, 2005, 25, 127-135.	2.6	5

#	ARTICLE	IF	CITATIONS
37	Content image retrieval based on topological information. Journal of Visual Languages and Computing, 2004, 15, 347-359.	1.8	1
38	Vasopressin excitatory action on smooth muscle from human renal calyx and pelvis. Pharmacological Research, 2004, 50, 617-622.	3.1	2