Floriana Pichiorri

List of Publications by Year
in descending order

32	1,348	567247 15	642715 23
papers	citations	h-index	g-index

33	33	33	1812
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Brainâ€“computer interface boosts motor imagery practice during stroke recovery. Annals of Neurology, 2015, 77, 851-865.	5.3	452
2	Sensorimotor rhythm-based brainâ€“computer interface training: the impact on motor cortical responsiveness. Journal of Neural Engineering, 2011, 8, 025020.	3.5	137
3	Relationship Between Electrical Brain Responses to Motor Imagery and Motor Impairment in Stroke. Stroke, 2012, 43, 2735-2740.	2.0	96
4	Proof of Principle of a Brain-Computer Interface Approach to Support Poststroke Arm Rehabilitation in Hospitalized Patients: Design, Acceptability, and Usability. Archives of Physical Medicine and Rehabilitation, 2015, 96, S71-S78.	0.9	84
5	EEG-based Brain-Computer Interface to support post-stroke motor rehabilitation of the upper limb. , 2012, 2012, 4112-5.		76
6	Multiscale topological properties of functional brain networks during motor imagery after stroke. NeuroImage, 2013, 83, 438-449.	4.2	74
7	What does clean EEG look like?. , 2012, 2012, 3963-6.		47
8	Differences in short-term primary motor cortex synaptic potentiation as assessed by repetitive transcranial magnetic stimulation in migraine patients with and without aura. Pain, 2010, 148, 43-48.	4.2	45
9	Brain-computer interfaces in neurologic rehabilitation practice. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2020, 168, 101-116.	1.8	43
10	Physiological characterization of human muscle acetylcholine receptors from ALS patients. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 20184-20188.	7.1	40
11	Interfacing brain with computer to improve communication and rehabilitation after brain damage. Progress in Brain Research, 2016, 228, 357-387.	1.4	30
12	An <scp>EEG</scp> index of sensorimotor interhemispheric coupling after unilateral stroke: clinical and neurophysiological study. European Journal of Neuroscience, 2018, 47, 158-163.	2.6	29
13	Bladder symptoms assessed with overactive bladder questionnaire in Parkinson's disease. Movement Disorders, 2010, 25, 1203-1209.	3.9	28
14	Altered Cortical Synaptic Plasticity in Response to 5-Hz Repetitive Transcranial Magnetic Stimulation as a New Electrophysiological Finding in Amnestic Mild Cognitive Impairment Converting to Alzheimerâ€™s Disease: Results from a 4-year Prospective Cohort Study. Frontiers in Aging Neuroscience, 2015, 7, 253.	3.4	25
15	The Promotoer, a brain-computer interface-assisted intervention to promote upper limb functional motor recovery after stroke: a study protocol for a randomized controlled trial to test early and long-term efficacy and to identify determinants of response. BMC Neurology, 2020, 20, 254.	1.8	21
16	The 3Ts of the new millennium neurorehabilitation gym: therapy, technology, translationality. Expert Review of Medical Devices, 2016, 13, 785-787.	2.8	20
17	Brain-computer interface based motor and cognitive rehabilitation after stroke â€“ state of the art, opportunity, and barriers: summary of the BCI Meeting 2016 in Asilomar. Brain-Computer Interfaces, 2017, 4, 53-59.	1.8	17
18	Isolated Distal Myopathy of the Upper Limbs Associated With Mitochondrial DNA Depletion and Polymerase Î³ Mutations. Archives of Neurology, 2010, 67, 1144-6.	4.5	16

#	Article	IF	Citations
19	Acute and chronic effects of hypercalcaemia on cortical excitability as studied by 5 Hz repetitive transcranial magnetic stimulation. Journal of Physiology, 2011, 589, 1619-1626.	2.9	15
20	Corticomuscular and Intermuscular Coupling in Simple Hand Movements to Enable a Hybrid Brainâ€“Computer Interface. International Journal of Neural Systems, 2021, 31, 2150052.	5.2	15
21	Interfacing brain and computer in neurorehabilitation. , 2016, , .		6
22	Effects of Intermittent Theta Burst Stimulation on Cerebral Blood Flow and Cerebral Vasomotor Reactivity. Journal of Ultrasound in Medicine, 2012, 31, 1159-1167.	1.7	5
23	Aged-related changes in brain activity classification with respect to age by means of graph indexes. , 2013, 2013, 4350-3.		5
24	A Novel Method to Assess Motor Cortex Connectivity and Event Related Desynchronization Based on Mass Models. Brain Sciences, 2021, 11, 1479.	2.3	5
25	Foot drop of central origin: a misleading alteration of nerve conduction study. Neurological Sciences, 2016, 37, 811-813.	1.9	4
26	Automatic Selection of Control Features for Electroencephalography-Based Brainâ€“Computer Interface Assisted Motor Rehabilitation: The GUIDER Algorithm. Brain Topography, 2022, 35, 182-190.	1.8	4
27	Combining discriminant and topographic information in BCI: Preliminary results on stroke patients. , 2011, , .		3
28	A new descriptor of neuroelectrical activity during BCI-assisted motor imagery-based training in stroke patients. , 2014, 2014, 1267-9.		2
29	Bipolar Filters Improve Usability of Brain-Computer Interface Technology in Post-stroke Motor Rehabilitation. Biosystems and Biorobotics, 2019, , 911-914.	0.3	2
30	Individual cortical connectivity changes after stroke: A resampling approach to enable statistical assessment at single-subject level. , 2014, 2014, 2785-8.		1
31	Effect of inter-trials variability on the estimation of cortical connectivity by Partial Directed Coherence. , 2015, 2015, 3791-4.		1
32	Traumatic and ischemic spinal cord injuries have a comparable course of recovery. Journal of the Neurological Sciences, 2021, 429, 118586.	0.6	0