Giovanni Pellegrino

List of Publications by Year
in descending order

69	2,582	186265	214800
papers	citations	28 h-index	47 g-index

73	73	73	3304
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Resting state network connectivity is attenuated by fMRI acoustic noise. NeuroImage, 2022, 247, 118791.	4.2	26
2	BDNF polymorphism and interhemispheric balance of motor cortex excitability: a preliminary study. Journal of Neurophysiology, 2022, 127, 204-212.	1.8	6
3	Sensorimotor integration within the primary motor cortex by selective nerve fascicle stimulation. Journal of Physiology, 2022, 600, 1497-1514.	2.9	6
4	Diffuse optical reconstructions of functional near infrared spectroscopy data using maximum entropy on the mean. Scientific Reports, 2022, 12, 2316.	3.3	7
5	Auditory driven gamma synchrony is associated with cortical thickness in widespread cortical areas. NeuroImage, 2022, 255, 119175.	4.2	13
6	Hemodynamic correlates of fluctuations in neuronal excitability: A simultaneous Paired Associative Stimulation (PAS) and functional near infra-red spectroscopy (fNIRS) study. NeuroImage Reports, 2022, 2, 100099.	1.0	5
7	How cerebral cortex protects itself from interictal spikes: The alpha/beta inhibition mechanism. Human Brain Mapping, 2021, 42, 3352-3365.	3.6	14
8	Evaluation of a personalized functional near infraâ€red optical tomography workflow using maximum entropy on the mean. Human Brain Mapping, 2021, 42, 4823-4843.	3.6	8
9	fMRI Acoustic Noise Enhances Parasympathetic Activity in Humans. Brain Sciences, 2021, 11, 1416.	2.3	6
10	Cortical Thickness of Brain Areas Beyond Stroke Lesions and Sensory-Motor Recovery: A Systematic Review. Frontiers in Neuroscience, 2021, 15, 764671.	2.8	5
11	Theta and alpha oscillations as signatures of internal and external attention to delayed intentions: A magnetoencephalography (MEG) study. NeuroImage, 2020, 205, 116295.	4.2	36
12	Accuracy and spatial properties of distributed magnetic source imaging techniques in the investigation of focal epilepsy patients. Human Brain Mapping, 2020, 41, 3019-3033.	3.6	37
13	Effects of Independent Component Analysis on Magnetoencephalography Source Localization in Pre-surgical Frontal Lobe Epilepsy Patients. Frontiers in Neurology, 2020, 11, 479.	2.4	10
14	Magnetoencephalography resting state connectivity patterns as indicatives of surgical outcome in epilepsy patients. Journal of Neural Engineering, 2020, 17, 035007.	3.5	32
15	Extremely Low Frequency Magnetic Fields Do Not Affect LTP-Like Plasticity in Healthy Humans. Frontiers in Human Neuroscience, 2020, 14, 14.	2.0	6
16	Cortical gamma-synchrony measured with magnetoencephalography is a marker of clinical status and predicts clinical outcome in stroke survivors. NeuroImage: Clinical, 2019, 24, 102092.	2.7	23
17	Conditioning transcranial magnetic stimulation of ventral premotor cortex shortens simple reaction time. Cortex, 2019, 121, 322-331.	2.4	11
18	Transcranial direct current stimulation over the sensoryâ€motor regions inhibits gamma synchrony. Human Brain Mapping, 2019, 40, 2736-2746.	3.6	37

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19	Investigating and Modulating Physiological and Pathological Brain Oscillations: The Role of Oscillatory Activity in Neural Plasticity. Neural Plasticity, 2019, 2019, 1-3.	2.2	7
20	Calcium metabolism serum markers in adult patients with epilepsy and the effect of vitamin D supplementation on seizure control. Seizure: the Journal of the British Epilepsy Association, 2018, 58, 75-81.	2.0	20
21	22q11.2 Deletion Syndrome Is Associated With Impaired Auditory Steady-State Gamma Response. Schizophrenia Bulletin, 2018, 44, 388-397.	4.3	33
22	Clinical yield of magnetoencephalography distributed source imaging in epilepsy: A comparison with equivalent current dipole method. Human Brain Mapping, 2018, 39, 218-231.	3.6	57
23	Reproducibility of <scp>EEGâ€MEG</scp> fusion source analysis of interictal spikes: Relevance in presurgical evaluation of epilepsy. Human Brain Mapping, 2018, 39, 880-901.	3.6	38
24	Intermittent Theta Burst Stimulation Over Ventral Premotor Cortex or Inferior Parietal Lobule Does Not Enhance the Rubber Hand Illusion. Frontiers in Neuroscience, 2018, 12, 870.	2.8	13
25	Eslicarbazepine Acetate Modulates EEG Activity and Connectivity in Focal Epilepsy. Frontiers in Neurology, 2018, 9, 1054.	2.4	35
26	Theta Activity in the Left Dorsal Premotor Cortex During Action Re-Evaluation and Motor Reprogramming. Frontiers in Human Neuroscience, 2018, 12, 364.	2.0	30
27	Bilateral Transcranial Direct Current Stimulation Reshapes Resting-State Brain Networks: A Magnetoencephalography Assessment. Neural Plasticity, 2018, 2018, 1-10.	2.2	26
28	Optimal positioning of optodes on the scalp for personalized functional near-infrared spectroscopy investigations. Journal of Neuroscience Methods, 2018, 309, 91-108.	2.5	34
29	Slow Activity in Focal Epilepsy During Sleep and Wakefulness. Clinical EEG and Neuroscience, 2017, 48, 200-208.	1.7	37
30	The movement time analyser task investigated with functional near infrared spectroscopy: an ecologic approach for measuring hemodynamic response in the motor system. Aging Clinical and Experimental Research, 2017, 29, 311-318.	2.9	5
31	Near-Infrared Spectroscopy in Gait Disorders: Is It Time to Begin?. Neurorehabilitation and Neural Repair, 2017, 31, 402-412.	2.9	67
32	Effects of repetitive TMS of the motor cortex on disease progression and on glutamate and GABA levels in ALS: A proof of principle study. Brain Stimulation, 2017, 10, 1003-1005.	1.6	16
33	De novo multifocal myoclonus induced by lamotrigine in a temporal lobe epilepsy case. Journal of the Neurological Sciences, 2017, 373, 31-32.	0.6	8
34	Cathodal transcranial direct current stimulation reduces seizure frequency in adults with drug-resistant temporal lobe epilepsy: A sham controlled study. Brain Stimulation, 2017, 10, 333-335.	1.6	46
35	Reduction of disease progression in a patient with amyotrophic lateral sclerosis after several years of epidural motor cortex stimulation. Brain Stimulation, 2017, 10, 324-325.	1.6	4
36	Transcutaneous Vagus Nerve Stimulation Combined with Robotic Rehabilitation Improves Upper Limb Function after Stroke. Neural Plasticity, 2017, 2017, 1-6.	2.2	83

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37	Human Motor Cortex Functional Changes in Acute Stroke: Gender Effects. Frontiers in Neuroscience, 2016, 10, 10.	2.8	22
38	Combining Robotic Training and Non-Invasive Brain Stimulation in Severe Upper Limb-Impaired Chronic Stroke Patients. Frontiers in Neuroscience, 2016, 10, 88.	2.8	27
39	Hemodynamic Response to Interictal Epileptiform Discharges Addressed by Personalized EEG-fNIRS Recordings. Frontiers in Neuroscience, 2016, 10, 102.	2.8	46
40	Source localization of the seizure onset zone from ictal EEG/MEG data. Human Brain Mapping, 2016, 37, 2528-2546.	3.6	93
41	Nutritional Status of Patients withÂAlzheimerâ€™s Disease and Their Caregivers. Journal of Alzheimer's Disease, 2016, 54, 1619-1627.	2.6	23
42	Detection and Magnetic Source Imaging of Fast Oscillations (40â€“160ÂHz) Recorded with Magnetoencephalography in Focal Epilepsy Patients. Brain Topography, 2016, 29, 218-231.	1.8	76
43	Val66Met BDNF Polymorphism Implies a Different Way to Recover From Stroke Rather Than a Worse Overall Recoverability. Neurorehabilitation and Neural Repair, 2016, 30, 3-8.	2.9	34
44	Hyperventilation induces sympathetic overactivation in mesial temporal epilepsy. Epilepsy Research, 2015, 110, 221-227.	1.6	14
45	Val66Met BDNF Gene Polymorphism Influences Human Motor Cortex Plasticity in Acute Stroke. Brain Stimulation, 2015, 8, 92-96.	1.6	64
46	The Effect of Cerebellar Degeneration on Human Sensori-motor Plasticity. Brain Stimulation, 2015, 8, 1144-1150.	1.6	37
47	Bringing transcranial mapping into shape: Sulcus-aligned mapping captures motor somatotopy in human primary motor hand area. NeuroImage, 2015, 120, 164-175.	4.2	90
48	Wakefulness delta waves increase after cortical plasticity induction. Clinical Neurophysiology, 2015, 126, 1221-1227.	1.5	48
49	Oral fingolimod reduces glutamate-mediated intracortical excitability in relapsingâ€“remitting multiple sclerosis. Clinical Neurophysiology, 2015, 126, 165-169.	1.5	40
50	The spontaneous fluctuation of the excitability of a single node modulates the internodes connectivity: A TMSâ€“EEG study. Human Brain Mapping, 2014, 35, 1740-1749.	3.6	36
51	Immediate and Late Modulation of Interhemipheric Imbalance With Bilateral Transcranial Direct Current Stimulation in Acute Stroke. Brain Stimulation, 2014, 7, 841-848.	1.6	96
52	Motor Cortex Stimulation for ALS: Open Label Extension Study of a Previous Small Trial. Brain Stimulation, 2014, 7, 143-144.	1.6	9
53	Modulation of brain plasticity in stroke: a novel model for neurorehabilitation. Nature Reviews Neurology, 2014, 10, 597-608.	10.1	644
54	Inflammation and iron metabolism in adult patients with epilepsy: Does a link exist?. Epilepsy Research, 2013, 107, 244-252.	1.6	32

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55	The illusion box of Syndactyly: Setup and ad hoc algorithm to induce virtual fingers webbing. , 2013, , .		0
56	Zonisamide for seizures in Parkinson's disease with dementia. Seizure: the Journal of the British Epilepsy Association, 2013, 22, 324-325.	2.0	10
57	Mobile Phone Emissions Modulate Brain Excitability in Patients with FocalÂEpilepsy. Brain Stimulation, 2013, 6, 448-454.	1.6	28
58	Hot spot hound: A novel robot-assisted platform for enhancing TMS performance. , 2013, 2013, 6301-4.		3
59	Osteomalacic myopathy: An uncommon side effect of antiepileptic drugs. Muscle and Nerve, 2013, 48, 837-838.	2.2	6
60	Inter-hemispheric coupling changes associate with motor improvements after robotic stroke rehabilitation. Restorative Neurology and Neuroscience, 2012, 30, 497-510.	0.7	90
61	Mobile phone emission increases inter-hemispheric functional coupling of electroencephalographic alpha rhythms in epileptic patients. International Journal of Psychophysiology, 2012, 84, 164-171.	1.0	33
62	Complex visual hallucinations after occipital extrastriate ischemic stroke. Cortex, 2012, 48, 774-777.	2.4	7
63	Complex epileptic palilalia: A case report. Seizure: the Journal of the British Epilepsy Association, 2012, 21, 655-657.	2.0	5
64	A neurally-interfaced hand prosthesis tuned inter-hemispheric communication. Restorative Neurology and Neuroscience, 2012, 30, 407-418.	0.7	34
65	An unusual case of loss of consciousness: when an epileptic brain let the heart slow down. Clinical Management Issues, 2012, 6, 15-19.	0.3	1
66	Nonconvulsive Seizures and Dementia: A Case Report. International Journal of Alzheimer's Disease, 2011, 2011, 1-4.	2.0	8
67	P16-6 Effects of mobile phone emissions on the motor cortex excitability in focal epilepsy. Clinical Neurophysiology, 2010, 121, S198.	1.5	0
68	Brain activity preceding a 2D manual catching task. NeuroImage, 2009, 47, 1735-1746.	4.2	72
69	P005 Brain activity preceding a 2D catching task. Clinical Neurophysiology, 2008, 119, S72.	1.5	0