

Elias Paolo P Casula

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,367
citations

304743

22
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

1766
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcranial magnetic stimulation of the precuneus enhances memory and neural activity in prodromal Alzheimer's disease. <i>NeuroImage</i> , 2018, 169, 302-311.	4.2	234
2	Effect of Cerebellar Stimulation on Gait and Balance Recovery in Patients With Hemiparetic Stroke. <i>JAMA Neurology</i> , 2019, 76, 170.	9.0	118
3	Cerebellar theta burst stimulation modulates the neural activity of interconnected parietal and motor areas. <i>Scientific Reports</i> , 2016, 6, 36191.	3.3	83
4	Low-frequency rTMS inhibitory effects in the primary motor cortex: Insights from TMS-evoked potentials. <i>NeuroImage</i> , 2014, 98, 225-232.	4.2	80
5	Somatosensory Temporal Discrimination Threshold Involves Inhibitory Mechanisms in the Primary Somatosensory Area. <i>Journal of Neuroscience</i> , 2016, 36, 325-335.	3.6	80
6	Muscle and Timing-specific Functional Connectivity between the Dorsolateral Prefrontal Cortex and the Primary Motor Cortex. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 558-570.	2.3	69
7	Spike-timing-dependent plasticity in the human dorso-lateral prefrontal cortex. <i>NeuroImage</i> , 2016, 143, 204-213.	4.2	64
8	Effects of pulse width, waveform and current direction in the cortex: A combined cTMS-EEG study. <i>Brain Stimulation</i> , 2018, 11, 1063-1070.	1.6	61
9	The reliability of commonly used electrophysiology measures. <i>Brain Stimulation</i> , 2017, 10, 1102-1111.	1.6	53
10	Dynamic reorganization of TMS-evoked activity in subcortical stroke patients. <i>NeuroImage</i> , 2018, 175, 365-378.	4.2	52
11	LTP-like cortical plasticity predicts conversion to dementia in patients with memory impairment. <i>Brain Stimulation</i> , 2020, 13, 1175-1182.	1.6	51
12	Improving visuo-motor learning with cerebellar theta burst stimulation: Behavioral and neurophysiological evidence. <i>NeuroImage</i> , 2020, 208, 116424.	4.2	46
13	Evidence for interhemispheric imbalance in stroke patients as revealed by combining transcranial magnetic stimulation and electroencephalography. <i>Human Brain Mapping</i> , 2021, 42, 1343-1358.	3.6	46
14	Novel TMS-EEG indexes to investigate interhemispheric dynamics in humans. <i>Clinical Neurophysiology</i> , 2020, 131, 70-77.	1.5	42
15	TMS-evoked long-lasting artefacts: A new adaptive algorithm for EEG signal correction. <i>Clinical Neurophysiology</i> , 2017, 128, 1563-1574.	1.5	41
16	Bi-directional modulation of somatosensory mismatch negativity with transcranial direct current stimulation: an event related potential study. <i>Journal of Physiology</i> , 2014, 592, 745-757.	2.9	38
17	Subthalamic stimulation and levodopa modulate cortical reactivity in Parkinson's patients. <i>Parkinsonism and Related Disorders</i> , 2017, 34, 31-37.	2.2	34
18	Effect of Rotigotine vs Placebo on Cognitive Functions Among Patients With Mild to Moderate Alzheimer Disease. <i>JAMA Network Open</i> , 2020, 3, e2010372.	5.9	34

#	ARTICLE	IF	CITATIONS
19	Cerebellar Intermittent Theta-Burst Stimulation Combined with Vestibular Rehabilitation Improves Gait and Balance in Patients with Multiple Sclerosis: a Preliminary Double-Blind Randomized Controlled Trial. <i>Cerebellum</i> , 2020, 19, 897-901.	2.5	33
20	Feeling of Ownership over an Embodied Avatar's Hand Brings About Fast Changes of Fronto-Parietal Cortical Dynamics. <i>Journal of Neuroscience</i> , 2022, 42, 692-701.	3.6	29
21	Motor cortex synchronization influences the rhythm of motor performance in premanifest huntington's disease. <i>Movement Disorders</i> , 2018, 33, 440-448.	3.9	28
22	Effects of Palmitoylethanolamide Combined with Luteoline on Frontal Lobe Functions, High Frequency Oscillations, and GABAergic Transmission in Patients with Frontotemporal Dementia. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 1297-1308.	2.6	26
23	Intermittent Cerebellar Theta Burst Stimulation Improves Visuo-motor Learning in Stroke Patients: a Pilot Study. <i>Cerebellum</i> , 2020, 19, 739-743.	2.5	15
24	Acute hyperammonaemia induces a sustained decrease in vigilance, which is modulated by caffeine. <i>Metabolic Brain Disease</i> , 2015, 30, 143-149.	2.9	10
25	Response to the letter to the editor by Reilmann et al referring to our article titled "Motor cortex synchronization influences the rhythm of motor performance in premanifest Huntington's disease". <i>Movement Disorders</i> , 2018, 33, 1371-1371.	3.9	0