

# Maria Concetta Pellicciari

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

2,667  
citations

172386

29  
h-index

315616

38  
g-index

40  
all docs

40  
docs citations

40  
times ranked

3384  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical utility and prospective of TMS-EEG. <i>Clinical Neurophysiology</i> , 2019, 130, 802-844.	0.7	276
2	Transcranial magnetic stimulation of the precuneus enhances memory and neural activity in prodromal Alzheimer's disease. <i>NeuroImage</i> , 2018, 169, 302-311.	2.1	234
3	The electroencephalographic fingerprint of sleep is genetically determined: A twin study. <i>Annals of Neurology</i> , 2008, 64, 455-460.	2.8	228
4	Excitability modulation of the motor system induced by transcranial direct current stimulation: A multimodal approach. <i>NeuroImage</i> , 2013, 83, 569-580.	2.1	157
5	The Interaction With Task-induced Activity is More Important Than Polarization: A tDCS Study. <i>Brain Stimulation</i> , 2015, 8, 269-276.	0.7	128
6	Effect of Cerebellar Stimulation on Gait and Balance Recovery in Patients With Hemiparetic Stroke. <i>JAMA Neurology</i> , 2019, 76, 170.	4.5	118
7	Neurophysiological correlates of sleepiness: A combined TMS and EEG study. <i>NeuroImage</i> , 2007, 36, 1277-1287.	2.1	114
8	Age dependence of primary motor cortex plasticity induced by paired associative stimulation. <i>Clinical Neurophysiology</i> , 2008, 119, 675-682.	0.7	103
9	Modulation of corticospinal excitability by paired associative stimulation: Reproducibility of effects and intraindividual reliability. <i>Clinical Neurophysiology</i> , 2006, 117, 2667-2674.	0.7	99
10	Literal, fictive and metaphorical motion sentences preserve the motion component of the verb: A TMS study. <i>Brain and Language</i> , 2011, 119, 149-157.	0.8	97
11	Cerebellar theta burst stimulation modulates the neural activity of interconnected parietal and motor areas. <i>Scientific Reports</i> , 2016, 6, 36191.	1.6	83
12	Interventional programmes to improve cognition during healthy and pathological ageing: Cortical modulations and evidence for brain plasticity. <i>Ageing Research Reviews</i> , 2018, 43, 81-98.	5.0	72
13	Spike-timing-dependent plasticity in the human dorso-lateral prefrontal cortex. <i>NeuroImage</i> , 2016, 143, 204-213.	2.1	64
14	Ongoing cumulative effects of single TMS pulses on corticospinal excitability: An intra- and inter-block investigation. <i>Clinical Neurophysiology</i> , 2016, 127, 621-628.	0.7	64
15	The electroencephalographic substratum of the awakening. <i>Behavioural Brain Research</i> , 2006, 167, 237-244.	1.2	58
16	Increased cortical plasticity in the elderly: changes in the somatosensory cortex after paired associative stimulation. <i>Neuroscience</i> , 2009, 163, 266-276.	1.1	58
17	Slow Eye Movements and Subjective Estimates of Sleepiness Predict EEG Power Changes During Sleep Deprivation. <i>Sleep</i> , 2007, 30, 610-616.	0.6	54
18	Dynamic reorganization of TMS-evoked activity in subcortical stroke patients. <i>NeuroImage</i> , 2018, 175, 365-378.	2.1	52

#	ARTICLE	IF	CITATIONS
19	Cortical Plasticity Induced by Transcranial Magnetic Stimulation during Wakefulness Affects Electroencephalogram Activity during Sleep. PLoS ONE, 2008, 3, e2483.	1.1	50
20	Combining Transcranial Electrical Stimulation With Electroencephalography. Clinical EEG and Neuroscience, 2012, 43, 184-191.	0.9	48
21	Improving visuo-motor learning with cerebellar theta burst stimulation: Behavioral and neurophysiological evidence. NeuroImage, 2020, 208, 116424.	2.1	46
22	Evidence for interhemispheric imbalance in stroke patients as revealed by combining transcranial magnetic stimulation and electroencephalography. Human Brain Mapping, 2021, 42, 1343-1358.	1.9	46
23	Characterizing the Cortical Oscillatory Response to TMS Pulse. Frontiers in Cellular Neuroscience, 2017, 11, 38.	1.8	45
24	Novel TMS-EEG indexes to investigate interhemispheric dynamics in humans. Clinical Neurophysiology, 2020, 131, 70-77.	0.7	42
25	Assessing cortical synchronization during transcranial direct current stimulation: A graph-theoretical analysis. NeuroImage, 2016, 140, 57-65.	2.1	41
26	Effect of total sleep deprivation on the landmarks of stage 2 sleep. Clinical Neurophysiology, 2003, 114, 2279-2285.	0.7	38
27	Dorsolateral prefrontal transcranial magnetic stimulation in patients with major depression locally affects alpha power of REM sleep. Frontiers in Human Neuroscience, 2013, 7, 433.	1.0	38
28	Anodal Transcranial Direct Current Stimulation Promotes Frontal Compensatory Mechanisms in Healthy Elderly Subjects. Frontiers in Aging Neuroscience, 2017, 9, 420.	1.7	36
29	Subthalamic stimulation and levodopa modulate cortical reactivity in Parkinson's patients. Parkinsonism and Related Disorders, 2017, 34, 31-37.	1.1	34
30	Restored Asymmetry of Prefrontal Cortical Oscillatory Activity after Bilateral Theta Burst Stimulation Treatment in a Patient with Major Depressive Disorder: A TMS-EEG Study. Brain Stimulation, 2017, 10, 147-149.	0.7	26
31	Effects of transcranial direct current stimulation on the functional coupling of the sensorimotor cortical network. NeuroImage, 2016, 140, 50-56.	2.1	25
32	Health-related quality of life (HRQoL) after stroke: Positive relationship between lower extremity and balance recovery. Topics in Stroke Rehabilitation, 2020, 27, 534-540.	1.0	21
33	Biological factors and age-dependence of primary motor cortex experimental plasticity. Neurological Sciences, 2016, 37, 211-218.	0.9	17
34	Intermittent Cerebellar Theta Burst Stimulation Improves Visuo-motor Learning in Stroke Patients: a Pilot Study. Cerebellum, 2020, 19, 739-743.	1.4	15
35	Automatic artifact suppression in simultaneous tDCS-EEG using adaptive filtering. , 2015, 2015, 2729-32.		12
36	Heritability of Intracortical Inhibition and Facilitation. Journal of Neuroscience, 2009, 29, 8897-8900.	1.7	11

#	ARTICLE	IF	CITATIONS
37	tDCS effects on brain network properties during physiological aging. Pflugers Archiv European Journal of Physiology, 2021, 473, 785-792.	1.3	6
38	Age-related Changes in Cortical Excitability Linked to Decreased Attentional and Inhibitory Control. Neuroscience, 2022, 495, 1-14.	1.1	6
39	Transcranial electric stimulation as a neural interface to gain insight on human brain functions: current knowledge and future perspective. Social Cognitive and Affective Neuroscience, 2022, 17, 4-14.	1.5	4
40	Customized Application of tDCS for Clinical Rehabilitation in Alzheimer's Disease. Frontiers in Human Neuroscience, 2021, 15, 687968.	1.0	1