Debora Brignani

List of Publications by Year
in descending order

26 papers	915 citations	687335 13 h-index	610883 24 g-index
27 all docs	27 docs citations	27 times ranked	1420 citing authors

#	Article	IF	Citations
1	Excitability modulation of the motor system induced by transcranial direct current stimulation: A multimodal approach. NeuroImage, 2013, 83, 569-580.	4.2	157
2	Modulation of cortical oscillatory activity during transcranial magnetic stimulation. Human Brain Mapping, 2008, 29, 603-612.	3.6	106
3	Is Transcranial Alternating Current Stimulation Effective in Modulating Brain Oscillations?. PLoS ONE, 2013, 8, e56589.	2.5	92
4	The right inferior frontal cortex in response inhibition: A tDCSâ€“ERP co-registration study. NeuroImage, 2016, 140, 66-75.	4.2	79
5	Alphaâ€generation as basic responseâ€signature to transcranial magnetic stimulation (TMS) targeting the human resting motor cortex: A TMS/EEG coâ€registration study. Psychophysiology, 2011, 48, 1381-1389.	2.4	78
6	A Simultaneous Modulation of Reactive and Proactive Inhibition Processes by Anodal tDCS on the Right Inferior Frontal Cortex. PLoS ONE, 2014, 9, e113537.	2.5	62
7	Sensory memory during physiological aging indexed by mismatch negativity (MMN). Neurobiology of Aging, 2012, 33, 625.e21-625.e30.	3.1	49
8	Combining Transcranial Electrical Stimulation With Electroencephalography. Clinical EEG and Neuroscience, 2012, 43, 184-191.	1.7	48
9	Assessing cortical synchronization during transcranial direct current stimulation: A graph-theoretical analysis. NeuroImage, 2016, 140, 57-65.	4.2	41
10	The mismatch negativity as an index of cognitive decline for the early detection of Alzheimerâ€™s disease. Scientific Reports, 2016, 6, 33167.	3.3	25
11	Effects of transcranial direct current stimulation on the functional coupling of the sensorimotor cortical network. NeuroImage, 2016, 140, 50-56.	4.2	25
12	Electrophysiological Correlates of Subitizing in Healthy Aging. PLoS ONE, 2015, 10, e0131063.	2.5	22
13	Event-related power modulations of brain activity preceding visually guided saccades. Brain Research, 2007, 1136, 122-131.	2.2	18
14	The Timing of Neural Activity during Shifts of Spatial Attention. Journal of Cognitive Neuroscience, 2009, 21, 2369-2383.	2.3	16
15	Bursts of transcranial electrical stimulation increase arousal in a continuous performance test. Neuropsychologia, 2015, 74, 127-136.	1.6	15
16	No causal effect of left hemisphere hyperactivity in the genesis of neglect-like behavior. Neuropsychologia, 2015, 72, 12-21.	1.6	15
17	Automatic artifact suppression in simultaneous tDCS-EEG using adaptive filtering. , 2015, 2015, 2729-32.		12
18	Purely endogenous capture of attention by task-defining features proceeds independently from spatial attention. NeuroImage, 2010, 51, 859-866.	4.2	11

#	Article	IF	Citations
19	Responsiveness to leftâ€prefrontal tDCS varies according to arousal levels. European Journal of Neuroscience, 2022, 55, 762-777.	2.6	9
20	The when and where of spatial storage in memory-guided saccades. NeuroImage, 2010, 52, 1611-1620.	4.2	8
21	Neural Dynamics of Multiple Object Processing in Mild Cognitive Impairment and Alzheimerâ€™s Disease: Future Early Diagnostic Biomarkers?. Journal of Alzheimer's Disease, 2017, 59, 643-654.	2.6	7
22	Does numerical similarity alter age-related distractibility in working memory?. PLoS ONE, 2019, 14, e0222027.	2.5	7
23	Electrophysiological Advances on Multiple Object Processing in Aging. Frontiers in Aging Neuroscience, 2016, 8, 46.	3.4	5
24	Object individuation and compensation in healthy aging. Neurobiology of Aging, 2016, 40, 145-154.	3.1	4
25	Baseline levels of alertness influence tES effects along different age-related directions. Neuropsychologia, 2021, 160, 107966.	1.6	2
26	Pseudoneglect is maintained in aging but not in mild Alzheimer's disease: new insights from an enumeration task. Neuropsychologia, 2018, 111, 276-283.	1.6	1