Viviana Betti

List of Publications by Year
in descending order

29	1,422	516710 16	552781 26
papers	citations	h-index	g-index

33	33	33	2220
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spontaneous Beta Band Rhythms in the Predictive Coding of Natural Stimuli. Neuroscientist, 2021, 27, 184-201.	3.5	38
2	Special Report on the Impact of the COVID-19 Pandemic on Clinical EEG and Research and Consensus Recommendations for the Safe Use of EEG. Clinical EEG and Neuroscience, 2021, 52, 3-28.	1.7	13
3	The impact of multisensory integration and perceptual load in virtual reality settings on performance, workload and presence. Scientific Reports, 2021, 11, 4831.	3.3	59
4	Major Stress-Related Symptoms During the Lockdown: A Study by the Italian Society of Psychophysiology and Cognitive Neuroscience. Frontiers in Public Health, 2021, 9, 636089.	2.7	7
5	Multi-band MEG signatures of BOLD connectivity reorganization during visuospatial attention. NeuroImage, 2021, 230, 117781.	4.2	11
6	Inkjet-printed fully customizable and low-cost electrodes matrix for gesture recognition. Scientific Reports, 2021, 11, 14938.	3.3	7
7	Effects of cognitive workload on heart and locomotor rhythms coupling. Neuroscience Letters, 2021, 762, 136140.	2.1	10
8	Spectral signature of attentional reorienting in the human brain. NeuroImage, 2021, 244, 118616.	4.2	11
9	Pearl and pitfalls in brain functional analysis by event-related potentials: a narrative review by the Italian Psychophysiology and Cognitive Neuroscience Society on methodological limits and clinical reliabilityâ€"part II. Neurological Sciences, 2020, 41, 3503-3515.	1.9	11
10	Pearls and pitfalls in brain functional analysis by event-related potentials: a narrative review by the Italian Psychophysiology and Cognitive Neuroscience Society on methodological limits and clinical reliabilityâ€"part I. Neurological Sciences, 2020, 41, 2711-2735.	1.9	19
11	Involving Hearing, Haptics and Kinesthetics into Non-visual Interaction Concepts for an Augmented Remote Tower Environment. Communications in Computer and Information Science, 2020, , 73-100.	0.5	0
12	How Neurophysiological Measures Can be Used to Enhance the Evaluation of Remote Tower Solutions. Frontiers in Human Neuroscience, 2019, 13, 303.	2.0	23
13	Distinct modes of functional connectivity induced by movie-watching. NeuroImage, 2019, 184, 335-348.	4.2	23
14	Investigating Multimodal Augmentations Contribution to Remote Control Tower Contexts for Air Traffic Management. , 2019, , .		3
15	Topology of Functional Connectivity and Hub Dynamics in the Beta Band As Temporal Prior for Natural Vision in the Human Brain. Journal of Neuroscience, 2018, 38, 3858-3871.	3.6	31
16	Cortical cores in network dynamics. NeuroImage, 2018, 180, 370-382.	4.2	93
17	Effective connectivity inferred from fMRI transition dynamics during movie viewing points to a balanced reconfiguration of cortical interactions. NeuroImage, 2018, 180, 534-546.	4.2	57
18	Human-Machine Interaction Assessment by Neurophysiological Measures: A Study on Professional Air Traffic Controllers. , 2018, 2018, 4619-4622.		11

#	ARTICLE	IF	CITATIONS
19	Dynamic construction of the neural networks underpinning empathy for pain. Neuroscience and Biobehavioral Reviews, 2016, 63, 191-206.	6.1	64
20	Dynamic reorganization of human resting-state networks during visuospatial attention. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8112-8117.	7.1	160
21	Perceiving monetary loss as due to inequity reduces behavioral and cortical responses to pain. European Journal of Neuroscience, 2014, 40, 2378-2388.	2.6	10
22	Natural Scenes Viewing Alters the Dynamics of Functional Connectivity in the Human Brain. Neuron, 2013, 79, 782-797.	8.1	175
23	Hypnotic modulation of pain perception and of brain activity triggered by nociceptive laser stimuli. Cortex, 2013, 49, 446-462.	2.4	41
24	Interspecies activity correlations reveal functional correspondence between monkey and human brain areas. Nature Methods, 2012, 9, 277-282.	19.0	101
25	Suffering Makes You Egoist: Acute Pain Increases Acceptance Rates and Reduces Fairness during a Bilateral Ultimatum Game. PLoS ONE, 2011, 6, e26008.	2.5	27
26	Synchronous with Your Feelings: Sensorimotor Î³ Band and Empathy for Pain. Journal of Neuroscience, 2009, 29, 12384-12392.	3.6	56
27	Visually Induced Analgesia: Seeing the Body Reduces Pain. Journal of Neuroscience, 2009, 29, 12125-12130.	3.6	223
28	Seeing the pain of others while being in pain: A laser-evoked potentials study. NeuroImage, 2008, 40, 1419-1428.	4.2	104
29	Parallel spinal pathways generate the middle-latency N1 and the late P2 components of the laser evoked potentials. Clinical Neurophysiology, 2007, 118, 1097-1104.	1.5	28