

# Viviana Betti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8822462/publications.pdf>

Version: 2024-02-01

29  
papers

1,422  
citations

516710

16  
h-index

552781

26  
g-index

33  
all docs

33  
docs citations

33  
times ranked

2220  
citing authors

#	ARTICLE	IF	CITATIONS
1	Visually Induced Analgesia: Seeing the Body Reduces Pain. <i>Journal of Neuroscience</i> , 2009, 29, 12125-12130.	3.6	223
2	Natural Scenes Viewing Alters the Dynamics of Functional Connectivity in the Human Brain. <i>Neuron</i> , 2013, 79, 782-797.	8.1	175
3	Dynamic reorganization of human resting-state networks during visuospatial attention. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8112-8117.	7.1	160
4	Seeing the pain of others while being in pain: A laser-evoked potentials study. <i>NeuroImage</i> , 2008, 40, 1419-1428.	4.2	104
5	Interspecies activity correlations reveal functional correspondence between monkey and human brain areas. <i>Nature Methods</i> , 2012, 9, 277-282.	19.0	101
6	Cortical cores in network dynamics. <i>NeuroImage</i> , 2018, 180, 370-382.	4.2	93
7	Dynamic construction of the neural networks underpinning empathy for pain. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 63, 191-206.	6.1	64
8	The impact of multisensory integration and perceptual load in virtual reality settings on performance, workload and presence. <i>Scientific Reports</i> , 2021, 11, 4831.	3.3	59
9	Effective connectivity inferred from fMRI transition dynamics during movie viewing points to a balanced reconfiguration of cortical interactions. <i>NeuroImage</i> , 2018, 180, 534-546.	4.2	57
10	Synchronous with Your Feelings: Sensorimotor $\beta$ Band and Empathy for Pain. <i>Journal of Neuroscience</i> , 2009, 29, 12384-12392.	3.6	56
11	Hypnotic modulation of pain perception and of brain activity triggered by nociceptive laser stimuli. <i>Cortex</i> , 2013, 49, 446-462.	2.4	41
12	Spontaneous Beta Band Rhythms in the Predictive Coding of Natural Stimuli. <i>Neuroscientist</i> , 2021, 27, 184-201.	3.5	38
13	Topology of Functional Connectivity and Hub Dynamics in the Beta Band As Temporal Prior for Natural Vision in the Human Brain. <i>Journal of Neuroscience</i> , 2018, 38, 3858-3871.	3.6	31
14	Parallel spinal pathways generate the middle-latency N1 and the late P2 components of the laser evoked potentials. <i>Clinical Neurophysiology</i> , 2007, 118, 1097-1104.	1.5	28
15	Suffering Makes You Egoist: Acute Pain Increases Acceptance Rates and Reduces Fairness during a Bilateral Ultimatum Game. <i>PLoS ONE</i> , 2011, 6, e26008.	2.5	27
16	How Neurophysiological Measures Can be Used to Enhance the Evaluation of Remote Tower Solutions. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 303.	2.0	23
17	Distinct modes of functional connectivity induced by movie-watching. <i>NeuroImage</i> , 2019, 184, 335-348.	4.2	23
18	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 reliability – part I. <i>Neurological Sciences</i> , 2020, 41, 2711-2735.	1.9	19

#	ARTICLE	IF	CITATIONS
19	Special Report on the Impact of the COVID-19 Pandemic on Clinical EEG and Research and Consensus Recommendations for the Safe Use of EEG. <i>Clinical EEG and Neuroscience</i> , 2021, 52, 3-28.	1.7	13
20	Human-Machine Interaction Assessment by Neurophysiological Measures: A Study on Professional Air Traffic Controllers. , 2018, 2018, 4619-4622.		11
21	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. <i>Neurological Sciences</i> , 2020, 41, 3503-3515.	1.9	11
22	Multi-band MEG signatures of BOLD connectivity reorganization during visuospatial attention. <i>NeuroImage</i> , 2021, 230, 117781.	4.2	11
23	Spectral signature of attentional reorienting in the human brain. <i>NeuroImage</i> , 2021, 244, 118616.	4.2	11
24	Perceiving monetary loss as due to inequity reduces behavioral and cortical responses to pain. <i>European Journal of Neuroscience</i> , 2014, 40, 2378-2388.	2.6	10
25	Effects of cognitive workload on heart and locomotor rhythms coupling. <i>Neuroscience Letters</i> , 2021, 762, 136140.	2.1	10
26	Major Stress-Related Symptoms During the Lockdown: A Study by the Italian Society of Psychophysiology and Cognitive Neuroscience. <i>Frontiers in Public Health</i> , 2021, 9, 636089.	2.7	7
27	Inkjet-printed fully customizable and low-cost electrodes matrix for gesture recognition. <i>Scientific Reports</i> , 2021, 11, 14938.	3.3	7
28	Investigating Multimodal Augmentations Contribution to Remote Control Tower Contexts for Air Traffic Management. , 2019, , .		3
29	Involving Hearing, Haptics and Kinesthetics into Non-visual Interaction Concepts for an Augmented Remote Tower Environment. <i>Communications in Computer and Information Science</i> , 2020, , 73-100.	0.5	0