

Giulio Bernardi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9118228/publications.pdf>

Version: 2024-02-01

38
papers

1,725
citations

394421

19
h-index

345221

36
g-index

47
all docs

47
docs citations

47
times ranked

1972
citing authors

#	ARTICLE	IF	CITATIONS
1	The neural correlates of dreaming. <i>Nature Neuroscience</i> , 2017, 20, 872-878.	14.8	430
2	Two Distinct Synchronization Processes in the Transition to Sleep: A High-Density Electroencephalographic Study. <i>Sleep</i> , 2014, 37, 1621-1637.	1.1	137
3	Local and Widespread Slow Waves in Stable NREM Sleep: Evidence for Distinct Regulation Mechanisms. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 248.	2.0	121
4	Neural and Behavioral Correlates of Extended Training during Sleep Deprivation in Humans: Evidence for Local, Task-Specific Effects. <i>Journal of Neuroscience</i> , 2015, 35, 4487-4500.	3.6	108
5	Regional Delta Waves In Human Rapid Eye Movement Sleep. <i>Journal of Neuroscience</i> , 2019, 39, 2686-2697.	3.6	104
6	Dreaming in NREM Sleep: A High-Density EEG Study of Slow Waves and Spindles. <i>Journal of Neuroscience</i> , 2018, 38, 9175-9185.	3.6	93
7	How Skill Expertise Shapes the Brain Functional Architecture: An fMRI Study of Visuo-Spatial and Motor Processing in Professional Racing-Car and Naïve Drivers. <i>PLoS ONE</i> , 2013, 8, e77764.	2.5	72
8	EEG functional connectivity metrics wPLI and wSMI account for distinct types of brain functional interactions. <i>Scientific Reports</i> , 2019, 9, 8894.	3.3	71
9	Sleep reverts changes in human gray and white matter caused by wake-dependent training. <i>NeuroImage</i> , 2016, 129, 367-377.	4.2	50
10	Electroencephalographic changes associated with subjective under- and overestimation of sleep duration. <i>Sleep</i> , 2020, 43, .	1.1	46
11	Increased BOLD Variability in the Parietal Cortex and Enhanced Parieto-Occipital Connectivity during Tactile Perception in Congenitally Blind Individuals. <i>Neural Plasticity</i> , 2012, 2012, 1-8.	2.2	42
12	Cholinergic enhancement reduces functional connectivity and BOLD variability in visual extrastriate cortex during selective attention. <i>Neuropharmacology</i> , 2013, 64, 305-313.	4.1	40
13	Evidence of a direct influence between the thalamus and hMT+ independent of V1 in the human brain as measured by fMRI. <i>NeuroImage</i> , 2012, 60, 1440-1447.	4.2	38
14	It's not all in your car: functional and structural correlates of exceptional driving skills in professional racers. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 888.	2.0	33
15	A topographical organization for action representation in the human brain. <i>Human Brain Mapping</i> , 2015, 36, 3832-3844.	3.6	32
16	How do children fall asleep? A high-density EEG study of slow waves in the transition from wake to sleep. <i>NeuroImage</i> , 2018, 178, 23-35.	4.2	32
17	Integrity of Corpus Callosum Is Essential for the Cross-Hemispheric Propagation of Sleep Slow Waves: A High-Density EEG Study in Split-Brain Patients. <i>Journal of Neuroscience</i> , 2020, 40, 5589-5603.	3.6	29
18	Risk factors of excessive daytime sleepiness in a prospective population-based cohort. <i>Journal of Sleep Research</i> , 2021, 30, e13069.	3.2	29

#	ARTICLE	IF	CITATIONS
19	Spatial imagery relies on a sensory independent, though sensory sensitive, functional organization within the parietal cortex: A fMRI study of angle discrimination in sighted and congenitally blind individuals. <i>Neuropsychologia</i> , 2015, 68, 59-70.	1.6	27
20	Pulse wave amplitude drops during sleep: clinical significance and characteristics in a general population sample. <i>Sleep</i> , 2020, 43, .	1.1	22
21	Visual imagery and visual perception induce similar changes in occipital slow waves of sleep. <i>Journal of Neurophysiology</i> , 2019, 121, 2140-2152.	1.8	21
22	Reductions in perceived stress following Transcendental Meditation practice are associated with increased brain regional connectivity at rest. <i>Brain and Cognition</i> , 2020, 139, 105517.	1.8	18
23	The direct, not V1-mediated, functional influence between the thalamus and middle temporal complex in the human brain is modulated by the speed of visual motion. <i>Neuroscience</i> , 2015, 284, 833-844.	2.3	17
24	Quantifying peripheral sympathetic activations during sleep by means of an automatic method for pulse wave amplitude drop detection. <i>Sleep Medicine</i> , 2020, 69, 220-232.	1.6	16
25	Cross-participant prediction of vigilance stages through the combined use of wPLI and wSMI EEG functional connectivity metrics. <i>Sleep</i> , 2021, 44, .	1.1	14
26	Interactions between immune, stress-related hormonal and cardiovascular systems following strenuous physical exercise. <i>Archives Italiennes De Biologie</i> , 2013, 151, 126-36.	0.4	11
27	Cortical and subcortical hemodynamic changes during sleep slow waves in human light sleep. <i>NeuroImage</i> , 2021, 236, 118117.	4.2	10
28	Emotion Regulation Failures Are Preceded by Local Increases in Sleep-like Activity. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 2342-2356.	2.3	7
29	Role of corpus callosum in sleep spindle synchronization and coupling with slow waves. <i>Brain Communications</i> , 2021, 3, fcab108.	3.3	6
30	The Language of Dreams: Application of Linguistics-Based Approaches for the Automated Analysis of Dream Experiences. <i>Clocks & Sleep</i> , 2021, 3, 495-514.	2.0	6
31	Sleep Power Topography in Children with Attention Deficit Hyperactivity Disorder (ADHD). <i>Children</i> , 2022, 9, 197.	1.5	6
32	Local Patterns of Sleep and Wakefulness. <i>Handbook of Behavioral Neuroscience</i> , 2019, 30, 33-47.	0.7	5
33	0859 Sleep Determinants Of Incident Cardiovascular Events: A prospective Population-based Study. <i>Sleep</i> , 2019, 42, A344-A345.	1.1	4
34	Predictive value of electroencephalography connectivity measures for motor training outcome in multiple sclerosis: an observational longitudinal study. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2020, 55, 743-753.	2.2	4
35	Local sleep: A new concept in brain plasticity. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2022, 184, 35-52.	1.8	2
36	Editorial: Local Aspects of Sleep and Wakefulness. <i>Frontiers in Neuroscience</i> , 2020, 14, 58.	2.8	1

#	ARTICLE	IF	CITATIONS
37	Sleep determinants of incident hypertension in a population-based cohort: the CoLaus/HypnoLaus study. , 2018, , .		1
38	0860 Pulse Wave Amplitude Drops During Sleep: Reference Values And Clinical Associations In A General Population. Sleep, 2019, 42, A345-A345.	1.1	0