

Giacomo Handjaras

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,591
citations

430874

18
h-index

377865

34
g-index

49
all docs

49
docs citations

49
times ranked

3246
citing authors

#	ARTICLE	IF	CITATIONS
1	Variability in the analysis of a single neuroimaging dataset by many teams. <i>Nature</i> , 2020, 582, 84-88.	27.8	634
2	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
3	A synergy-based hand control is encoded in human motor cortical areas. <i>ELife</i> , 2016, 5, .	6.0	98
4	Reorganization of functional and effective connectivity during real-time fMRI-BCI modulation of prosody processing. <i>Brain and Language</i> , 2011, 117, 123-132.	1.6	72
5	Emotionotopy in the human right temporo-parietal cortex. <i>Nature Communications</i> , 2019, 10, 5568.	12.8	55
6	How concepts are encoded in the human brain: A modality independent, category-based cortical organization of semantic knowledge. <i>NeuroImage</i> , 2016, 135, 232-242.	4.2	50
7	Sleep reverts changes in human gray and white matter caused by wake-dependent training. <i>NeuroImage</i> , 2016, 129, 367-377.	4.2	50
8	Congenital blindness affects diencephalic but not mesencephalic structures in the human brain. <i>Brain Structure and Function</i> , 2016, 221, 1465-1480.	2.3	46
9	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
10	The blind brain: How (lack of) vision shapes the morphological and functional architecture of the human brain. <i>Experimental Biology and Medicine</i> , 2014, 239, 1414-1420.	2.4	42
11	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
12	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
13	A topographical organization for action representation in the human brain. <i>Human Brain Mapping</i> , 2015, 36, 3832-3844.	3.6	32
14	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
15	Modality-independent encoding of individual concepts in the left parietal cortex. <i>Neuropsychologia</i> , 2017, 105, 39-49.	1.6	28
16	Functional and spatial segregation within the inferior frontal and superior temporal cortices during listening, articulation imagery, and production of vowels. <i>Scientific Reports</i> , 2017, 7, 17029.	3.3	23
17	Beyond Motor Scheme: A Supramodal Distributed Representation in the Action-Observation Network. <i>PLoS ONE</i> , 2013, 8, e58632.	2.5	22
18	SINGULAR SPECTRUM ANALYSIS AND ADAPTIVE FILTERING ENHANCE THE FUNCTIONAL CONNECTIVITY ANALYSIS OF RESTING STATE fMRI DATA. <i>International Journal of Neural Systems</i> , 2014, 24, 1450010.	5.2	21

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19	The case for preregistering all region of interest (ROI) analyses in neuroimaging research. <i>European Journal of Neuroscience</i> , 2021, 53, 357-361.	2.6	18
20	U-Limb: A multi-modal, multi-center database on arm motion control in healthy and post-stroke conditions. <i>GigaScience</i> , 2021, 10, .	6.4	18
21	Cholinergic enhancement differentially modulates neural response to encoding during face identity and face location working memory tasks. <i>Experimental Biology and Medicine</i> , 2013, 238, 999-1008.	2.4	12
22	Different levels of visual perceptual skills are associated with specific modifications in functional connectivity and global efficiency. <i>International Journal of Psychophysiology</i> , 2018, 123, 127-135.	1.0	12
23	Foreground-Background Segmentation Revealed during Natural Image Viewing. <i>ENeuro</i> , 2018, 5, ENEURO.0075-18.2018.	1.9	12
24	Cortical and subcortical hemodynamic changes during sleep slow waves in human light sleep. <i>NeuroImage</i> , 2021, 236, 118117.	4.2	10
25	Default and control network connectivity dynamics track the stream of affect at multiple timescales. <i>Social Cognitive and Affective Neuroscience</i> , 2022, 17, 461-469.	3.0	8
26	The Effects of Visual Control and Distance in Modulating Peripersonal Spatial Representation. <i>PLoS ONE</i> , 2013, 8, e59460.	2.5	7
27	Common spatiotemporal processing of visual features shapes object representation. <i>Scientific Reports</i> , 2019, 9, 7601.	3.3	7
28	Shape coding in occipito-temporal cortex relies on object silhouette, curvature, and medial axis. <i>Journal of Neurophysiology</i> , 2020, 124, 1560-1570.	1.8	7
29	Brain Hemodynamic Intermediate Phenotype Links Vitamin B ₁₂ to Cognitive Profile of Healthy and Mild Cognitive Impaired Subjects. <i>Neural Plasticity</i> , 2019, 2019, 1-11.	2.2	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	ADAPTIVE FILTERING AND RANDOM VARIABLES COEFFICIENT FOR ANALYZING FUNCTIONAL MAGNETIC RESONANCE IMAGING DATA. <i>International Journal of Neural Systems</i> , 2013, 23, 1350011.	5.2	5
32	Eight Weddings and Six Funerals: An fMRI Study on Autobiographical Memories. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 212.	2.0	2
33	Formant Space Reconstruction From Brain Activity in Frontal and Temporal Regions Coding for Heard Vowels. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 32.	2.0	2
34	Adaptive filtering for removing nonstationary physiological noise from resting state fMRI BOLD signals. , 2011, , .		1
35	Complementing canonical fMRI with functional Quantitative Susceptibility Mapping (fQSM) in modern neuroimaging research. <i>NeuroImage</i> , 2021, 244, 118574.	4.2	1
36	Extraction and Synchronization of BOLD Spontaneous Oscillations Using Singular Spectrum Analysis. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
37	The Contribution of Shape Features and Demographic Variables to Disembedding Abilities. <i>Frontiers in Psychology</i> , 2022, 13, 798871.	2.1	0