

# Carlo Sestieri

## List of Publications by Year in descending order

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46  
papers

2,173  
citations

279798

23  
h-index

265206

42  
g-index

47  
all docs

47  
docs citations

47  
times ranked

3366  
citing authors

#	ARTICLE	IF	CITATIONS
1	Episodic Memory Retrieval, Parietal Cortex, and the Default Mode Network: Functional and Topographic Analyses. <i>Journal of Neuroscience</i> , 2011, 31, 4407-4420.	3.6	439
2	The contribution of the human posterior parietal cortex to episodic memory. <i>Nature Reviews Neuroscience</i> , 2017, 18, 183-192.	10.2	224
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	An fMRI investigation on image generation in different sensory modalities: The influence of vividness. <i>Acta Psychologica</i> , 2009, 132, 190-200.	1.5	125
5	Attention to Memory and the Environment: Functional Specialization and Dynamic Competition in Human Posterior Parietal Cortex. <i>Journal of Neuroscience</i> , 2010, 30, 8445-8456.	3.6	115
6	The evolution of the temporoparietal junction and posterior superior temporal sulcus. <i>Cortex</i> , 2019, 118, 38-50.	2.4	104
7	Reorganization of Functional Connectivity of the Language Network in Patients with Brain Gliomas. <i>American Journal of Neuroradiology</i> , 2012, 33, 1983-1990.	2.4	85
8	Domain-general Signals in the Cingulo-opercular Network for Visuospatial Attention and Episodic Memory. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 551-568.	2.3	84
9	Sensory-motor brain network connectivity for speech comprehension. <i>Human Brain Mapping</i> , 2010, 31, 567-580.	3.6	80
10	Functional Connectivity MR Imaging of the Language Network in Patients with Drug-Resistant Epilepsy. <i>American Journal of Neuroradiology</i> , 2011, 32, 532-540.	2.4	60
11	Interference with episodic memory retrieval following transcranial stimulation of the inferior but not the superior parietal lobule. <i>Neuropsychologia</i> , 2013, 51, 900-906.	1.6	60
12	The connectivity of functional cores reveals different degrees of segregation and integration in the brain at rest. <i>NeuroImage</i> , 2013, 69, 51-61.	4.2	49
13	“What” versus “Where” in the audiovisual domain: An fMRI study. <i>NeuroImage</i> , 2006, 33, 672-680.	4.2	45
14	Anatomical Segregation of Visual Selection Mechanisms in Human Parietal Cortex. <i>Journal of Neuroscience</i> , 2013, 33, 6225-6229.	3.6	43
15	Sequential activation of human oculomotor centers during planning of visually-guided eye movements: a combined fMRI-MEG study. <i>Frontiers in Human Neuroscience</i> , 2008, 1, 1.	2.0	42
16	Hyperconnectivity of the dorsolateral prefrontal cortex following mental effort in multiple sclerosis patients with cognitive fatigue. <i>Multiple Sclerosis Journal</i> , 2016, 22, 1665-1675.	3.0	41
17	Task and Regions Specific Top-Down Modulation of Alpha Rhythms in Parietal Cortex. <i>Cerebral Cortex</i> , 2017, 27, 4815-4822.	2.9	41
18	Audio-visual crossmodal interactions in environmental perception: an fMRI investigation. <i>Cognitive Processing</i> , 2004, 5, 167-174.	1.4	39

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19	Brain network for passive word listening as evaluated with ICA and Granger causality. Brain Research Bulletin, 2007, 72, 284-292.	3.0	34
20	Dynamic visual noise: No interference with visual short-term memory or the construction of visual images. European Journal of Cognitive Psychology, 2005, 17, 405-424.	1.3	33
21	Mental imagery generation in different modalities activates sensory-motor areas. Cognitive Processing, 2009, 10, 268-271.	1.4	28
22	Memory Accumulation Mechanisms in Human Cortex Are Independent of Motor Intentions. Journal of Neuroscience, 2014, 34, 6993-7006.	3.6	27
23	Dynamics of EEG Rhythms Support Distinct Visual Selection Mechanisms in Parietal Cortex: A Simultaneous Transcranial Magnetic Stimulation and EEG Study. Journal of Neuroscience, 2015, 35, 721-730.	3.6	27
24	Multimodal assessment of hemispheric lateralization for language and its relevance for behavior. NeuroImage, 2016, 142, 351-370.	4.2	23
25	Choice-predictive activity in parietal cortex during source memory decisions. NeuroImage, 2019, 189, 589-600.	4.2	18
26	Comparison of Hypothesis- and a Novel Hybrid Data/Hypothesis-Driven Method of Functional MR Imaging Analysis in Patients with Brain Gliomas. American Journal of Neuroradiology, 2011, 32, 1056-1064.	2.4	15
27	Temporal dynamics of TMS interference over preparatory alpha activity during semantic decisions. Scientific Reports, 2017, 7, 2372.	3.3	11
28	Multi-band MEG signatures of BOLD connectivity reorganization during visuospatial attention. NeuroImage, 2021, 230, 117781.	4.2	11
29	Spectral signature of attentional reorienting in the human brain. NeuroImage, 2021, 244, 118616.	4.2	11
30	MRI anatomical variants of mammillary bodies. Brain Structure and Function, 2015, 220, 85-90.	2.3	10
31	Preferential coding of eye/hand motor actions in the human ventral occipito-temporal cortex. Neuropsychologia, 2016, 93, 116-127.	1.6	10
32	Perinatal MRI diffusivity is related to early assessment of motor performance in preterm neonates. Neuroradiology Journal, 2016, 29, 137-145.	1.2	10
33	Independence of Anticipatory Signals for Spatial Attention From Number of Nontarget Stimuli in the Visual Field. Journal of Neurophysiology, 2008, 100, 829-838.	1.8	9
34	Functional Connectivity MRI and Post-Operative Language Performance in Temporal Lobe Epilepsy: Initial Experience. Neuroradiology Journal, 2014, 27, 158-162.	1.2	9
35	Orienting to the Environment Separate Contributions of Dorsal and Ventral Frontoparietal Attention Networks. , 2012, , 100-130.		9
36	Cross-modal visual-auditory-somatosensory integration in a multimodal object recognition task in humans. International Congress Series, 2005, 1278, 163-166.	0.2	8

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37	Egocentric Navigation Abilities Predict Episodic Memory Performance. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 574224.	2.0	7
38	Distinct effects of prematurity on MRI metrics of brain functional connectivity, activity, and structure: Univariate and multivariate analyses. <i>Human Brain Mapping</i> , 2021, 42, 3593-3607.	3.6	7
39	Reconstructive nature of temporal memory for movie scenes. <i>Cognition</i> , 2021, 208, 104557.	2.2	6
40	Properties and temporal dynamics of choice- and action-predictive signals during item recognition decisions. <i>Brain Structure and Function</i> , 2020, 225, 2271-2286.	2.3	5
41	Neuropsychological and Neuroimaging Correlates of High-Altitude Hypoxia Trekking During the "Gokyo Khumbu/Ama Dablam" Expedition. <i>High Altitude Medicine and Biology</i> , 2022, 23, 57-68.	0.9	3
42	Alpha rhythm modulations in the intraparietal sulcus reflect decision signals during item recognition. <i>NeuroImage</i> , 2022, 258, 119345.	4.2	2
43	An fMRI study of the binding of audio-visual information: the dissociation between object and space processing. <i>Cognitive Processing</i> , 2006, 7, 138-139.	1.4	1
44	Migraine in Multiple Sclerosis Patients Affects Functional Connectivity of the Brain Circuitry Involved in Pain Processing. <i>Frontiers in Neurology</i> , 2021, 12, 690300.	2.4	1
45	Laboratory of attention and brain recovery at Washington University, St. Louis. <i>Cognitive Processing</i> , 2006, 7, 209-211.	1.4	0
46	Effects of a narrative template on memory for the time of movie scenes: automatic reshaping is independent of consolidation. <i>Psychological Research</i> , 2022, , .	1.7	0