

# Caterina Gratton

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

5,000  
citations

236925

25  
h-index

276875

41  
g-index

56  
all docs

56  
docs citations

56  
times ranked

5269  
citing authors

#	ARTICLE	IF	CITATIONS
1	Masked features of task states found in individual brain networks. <i>Cerebral Cortex</i> , 2023, 33, 2879-2900.	2.9	7
2	Brain-behavior correlations: Two paths toward reliability. <i>Neuron</i> , 2022, 110, 1446-1449.	8.1	95
3	BOLD co-fluctuation "events" are predicted from static functional connectivity. <i>NeuroImage</i> , 2022, 260, 119476.	4.2	21
4	Network variants are similar between task and rest states. <i>NeuroImage</i> , 2021, 229, 117743.	4.2	41
5	Probabilistic mapping of human functional brain networks identifies regions of high group consensus. <i>NeuroImage</i> , 2021, 237, 118164.	4.2	28
6	Light through the fog: using precision fMRI data to disentangle the neural substrates of cognitive control. <i>Current Opinion in Behavioral Sciences</i> , 2021, 40, 19-26.	3.9	22
7	Parallel hippocampal-parietal circuits for self- and goal-oriented processing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	32
8	The Value of Hyperalignment to Unpack Neural Heterogeneity in the Precision Psychiatry Movement. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 935-936.	1.5	1
9	Atypical Functional Connectivity in Tourette Syndrome Differs Between Children and Adults. <i>Biological Psychiatry</i> , 2020, 87, 164-173.	1.3	45
10	Defining Individual-Specific Functional Neuroanatomy for Precision Psychiatry. <i>Biological Psychiatry</i> , 2020, 88, 28-39.	1.3	109
11	A set of functionally-defined brain regions with improved representation of the subcortex and cerebellum. <i>NeuroImage</i> , 2020, 206, 116290.	4.2	143
12	Integrative and Network-Specific Connectivity of the Basal Ganglia and Thalamus Defined in Individuals. <i>Neuron</i> , 2020, 105, 742-758.e6.	8.1	148
13	Correction of respiratory artifacts in MRI head motion estimates. <i>NeuroImage</i> , 2020, 208, 116400.	4.2	161
14	Embracing the Complexity of Heterogeneity in Schizophrenia: A New Perspective From Latent Clinical-Anatomical Dimensions. <i>Schizophrenia Bulletin</i> , 2020, 46, 1337-1338.	4.3	7
15	Digging Deeper to Chart the Landscape of Human Brain Development. <i>Neuron</i> , 2020, 106, 209-211.	8.1	2
16	Removal of high frequency contamination from motion estimates in single-band fMRI saves data without biasing functional connectivity. <i>NeuroImage</i> , 2020, 217, 116866.	4.2	62
17	Default-mode network streams for coupling to language and control systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17308-17319.	7.1	113
18	How early damage to the dorsomedial prefrontal hub in human brain networks affects long term cognitive, behavioral, and neuroanatomical outcomes.. <i>Psychology and Neuroscience</i> , 2020, 13, 245-256.	0.8	1

#	ARTICLE	IF	CITATIONS
19	Age-related differences in functional brain network segregation are consistent with a cascade of cerebrovascular, structural, and cognitive effects. <i>Network Neuroscience</i> , 2020, 4, 89-114.	2.6	25
20	Emergent Functional Network Effects in Parkinson Disease. <i>Cerebral Cortex</i> , 2019, 29, 2509-2523.	2.9	56
21	Evaluating the Prediction of Brain Maturity From Functional Connectivity After Motion Artifact Denoising. <i>Cerebral Cortex</i> , 2019, 29, 2455-2469.	2.9	73
22	The community structure of functional brain networks exhibits scale-specific patterns of inter- and intra-subject variability. <i>NeuroImage</i> , 2019, 202, 115990.	4.2	85
23	Trait-like variants in human functional brain networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22851-22861.	7.1	153
24	High-fidelity mapping of repetition-related changes in the parietal memory network. <i>NeuroImage</i> , 2019, 199, 427-439.	4.2	10
25	Functional Brain Networks Are Dominated by Stable Group and Individual Factors, Not Cognitive or Daily Variation. <i>Neuron</i> , 2018, 98, 439-452.e5.	8.1	665
26	Control networks and hubs. <i>Psychophysiology</i> , 2018, 55, e13032.	2.4	137
27	Spatial and Temporal Organization of the Individual Human Cerebellum. <i>Neuron</i> , 2018, 100, 977-993.e7.	8.1	201
28	Three Distinct Sets of Connector Hubs Integrate Human Brain Function. <i>Cell Reports</i> , 2018, 24, 1687-1695.e4.	6.4	113
29	On the Stability of BOLD fMRI Correlations. <i>Cerebral Cortex</i> , 2017, 27, 4719-4732.	2.9	403
30	Cholinergic, But Not Dopaminergic or Noradrenergic, Enhancement Sharpens Visual Spatial Perception in Humans. <i>Journal of Neuroscience</i> , 2017, 37, 4405-4415.	3.6	50
31	Precision Functional Mapping of Individual Human Brains. <i>Neuron</i> , 2017, 95, 791-807.e7.	8.1	948
32	Evidence for Two Independent Factors that Modify Brain Networks to Meet Task Goals. <i>Cell Reports</i> , 2016, 17, 1276-1288.	6.4	128
33	Perfusion MRI Indexes Variability in the Functional Brain Effects of Theta-Burst Transcranial Magnetic Stimulation. <i>PLoS ONE</i> , 2014, 9, e101430.	2.5	20
34	Attention Selectively Modifies the Representation of Individual Faces in the Human Brain. <i>Journal of Neuroscience</i> , 2013, 33, 6979-6989.	3.6	28
35	Age-related frontoparietal changes during the control of bottom-up and top-down attention: an ERP study. <i>Neurobiology of Aging</i> , 2013, 34, 477-488.	3.1	92
36	The effect of theta-burst TMS on cognitive control networks measured with resting state fMRI. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 124.	2.5	105

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37	Focal Brain Lesions to Critical Locations Cause Widespread Disruption of the Modular Organization of the Brain. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 1275-1285.	2.3	318
38	Role of frontal and parietal cortices in the control of bottom-up and top-down attention in humans. <i>Brain Research</i> , 2010, 1344, 173-184.	2.2	83
39	Double dissociation of two cognitive control networks in patients with focal brain lesions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 12017-12022.	7.1	169
40	See what I mean? An ERP study of the effect of background knowledge on novel object processing. <i>Memory and Cognition</i> , 2009, 37, 277-291.	1.6	12
41	Distinct Sets of Internal, External, and Control Connector Hubs Integrate Human Brain Function. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
42	Spatial and Temporal Organization of the Individual Human Cerebellum. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2