

# Alessandra Griffa

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

3,318  
citations

257357

24  
h-index

182361

51  
g-index

68  
all docs

68  
docs citations

68  
times ranked

4305  
citing authors

#	ARTICLE	IF	CITATIONS
1	Resting-brain functional connectivity predicted by analytic measures of network communication. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 833-838.	3.3	530
2	Cooperative and Competitive Spreading Dynamics on the Human Connectome. Neuron, 2015, 86, 1518-1529.	3.8	309
3	Structural connectomics in brain diseases. NeuroImage, 2013, 80, 515-526.	2.1	286
4	Generative models of the human connectome. NeuroImage, 2016, 124, 1054-1064.	2.1	259
5	The Connectome Mapper: An Open-Source Processing Pipeline to Map Connectomes with MRI. PLoS ONE, 2012, 7, e48121.	1.1	248
6	Distance-dependent consensus thresholds for generating group-representative structural brain networks. Network Neuroscience, 2019, 3, 475-496.	1.4	119
7	Multi-scale community organization of the human structural connectome and its relationship with resting-state functional connectivity. Network Science, 2013, 1, 353-373.	0.8	104
8	Mapping higher-order relations between brain structure and function with embedded vector representations of connectomes. Nature Communications, 2018, 9, 2178.	5.8	95
9	Tracking dynamic brain networks using high temporal resolution MEG measures of functional connectivity. NeuroImage, 2019, 200, 38-50.	2.1	83
10	Path ensembles and a tradeoff between communication efficiency and resilience in the human connectome. Brain Structure and Function, 2017, 222, 603-618.	1.2	77
11	Decreased integration and information capacity in stroke measured by whole brain models of resting state activity. Brain, 2017, 140, 1068-1085.	3.7	77
12	Characterizing the connectome in schizophrenia with diffusion spectrum imaging. Human Brain Mapping, 2015, 36, 354-366.	1.9	70
13	Comparing connectomes across subjects and populations at different scales. NeuroImage, 2013, 80, 416-425.	2.1	65
14	Transient networks of spatio-temporal connectivity map communication pathways in brain functional systems. NeuroImage, 2017, 155, 490-502.	2.1	65
15	Rich-club neurocircuitry: function, evolution, and vulnerability. Dialogues in Clinical Neuroscience, 2018, 20, 121-132.	1.8	59
16	Brain network characterization of high-risk preterm-born school-age children. NeuroImage: Clinical, 2016, 11, 195-209.	1.4	55
17	Network-Based Asymmetry of the Human Auditory System. Cerebral Cortex, 2018, 28, 2655-2664.	1.6	51
18	Using Pareto optimality to explore the topology and dynamics of the human connectome. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130530.	1.8	50

#	ARTICLE	IF	CITATIONS
19	N-acetylcysteine add-on treatment leads to an improvement of fornix white matter integrity in early psychosis: a double-blind randomized placebo-controlled trial. <i>Translational Psychiatry</i> , 2018, 8, 220.	2.4	44
20	Connectome-Based Patterns of First-Episode Medication-Naïve Patients With Schizophrenia. <i>Schizophrenia Bulletin</i> , 2019, 45, 1291-1299.	2.3	42
21	Exploring MEG brain fingerprints: Evaluation, pitfalls, and interpretations. <i>NeuroImage</i> , 2021, 240, 118331.	2.1	41
22	Stochastic resonance at criticality in a network model of the human cortex. <i>Scientific Reports</i> , 2017, 7, 13020.	1.6	37
23	Redox dysregulation as a link between childhood trauma and psychopathological and neurocognitive profile in patients with early psychosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12495-12500.	3.3	37
24	The road ahead in clinical network neuroscience. <i>Network Neuroscience</i> , 2019, 3, 969-993.	1.4	37
25	Brain structure-function coupling provides signatures for task decoding and individual fingerprinting. <i>NeuroImage</i> , 2022, 250, 118970.	2.1	37
26	Functional connectivity underlying cognitive and psychiatric symptoms in post-COVID-19 syndrome: is anosognosia a key determinant?. <i>Brain Communications</i> , 2022, 4, fcac057.	1.5	35
27	Brain connectivity alterations in early psychosis: from clinical to neuroimaging staging. <i>Translational Psychiatry</i> , 2019, 9, 62.	2.4	31
28	Intrahemispheric cortico-cortical connections of the human auditory cortex. <i>Brain Structure and Function</i> , 2015, 220, 3537-3553.	1.2	28
29	Sensorimotor Induction of Auditory Misattribution in Early Psychosis. <i>Schizophrenia Bulletin</i> , 2020, 46, 947-954.	2.3	28
30	Computational Modeling of Resting-State Activity Demonstrates Markers of Normalcy in Children with Prenatal or Perinatal Stroke. <i>Journal of Neuroscience</i> , 2015, 35, 8914-8924.	1.7	26
31	Resilience to cognitive impairment in the oldest-old: design of the EMIF-AD 90+ study. <i>BMC Geriatrics</i> , 2018, 18, 289.	1.1	25
32	N-Acetyl-Cysteine Supplementation Improves Functional Connectivity Within the Cingulate Cortex in Early Psychosis: A Pilot Study. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 478-487.	1.0	25
33	A Connectome-Based Comparison of Diffusion MRI Schemes. <i>PLoS ONE</i> , 2013, 8, e75061.	1.1	21
34	Exploring the role of white matter connectivity in cortex maturation. <i>PLoS ONE</i> , 2017, 12, e0177466.	1.1	20
35	An affected core drives network integration deficits of the structural connectome in 22q11.2 deletion syndrome. <i>NeuroImage: Clinical</i> , 2016, 10, 239-249.	1.4	19
36	Dynamic functional networks in idiopathic normal pressure hydrocephalus: Alterations and reversibility by CSF tap test. <i>Human Brain Mapping</i> , 2021, 42, 1485-1502.	1.9	15

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37	Identification of in vitro HSC fate regulators by differential lipid raft clustering. <i>Cell Cycle</i> , 2012, 11, 1535-1543.	1.3	13
38	Dynamic spatiotemporal patterns of brain connectivity reorganize across development. <i>Network Neuroscience</i> , 2020, 4, 115-133.	1.4	13
39	Effect of Field Spread on Resting-State Magneto Encephalography Functional Network Analysis: A Computational Modeling Study. <i>Brain Connectivity</i> , 2017, 7, 541-557.	0.8	12
40	Neural circuits of idiopathic Normal Pressure Hydrocephalus: A perspective review of brain connectivity and symptoms meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 112, 452-471.	2.9	12
41	Can the radiological scale "iNPH Radscale" predict tap test response in idiopathic normal pressure hydrocephalus?. <i>Journal of the Neurological Sciences</i> , 2021, 420, 117239.	0.3	12
42	Multi-scale integration and predictability in resting state brain activity. <i>Frontiers in Neuroinformatics</i> , 2014, 8, 66.	1.3	11
43	Routes Obey Hierarchy in Complex Networks. <i>Scientific Reports</i> , 2017, 7, 7243.	1.6	11
44	Fronto-Temporal Disconnection Within the Presence Hallucination Network in Psychotic Patients With Passivity Experiences. <i>Schizophrenia Bulletin</i> , 2021, 47, 1718-1728.	2.3	11
45	Connectome Mapper 3: A Flexible and Open-Source Pipeline Software for Multiscale Multimodal Human Connectome Mapping. <i>Journal of Open Source Software</i> , 2022, 7, 4248.	2.0	11
46	Alzheimer's Disease Biomarkers in Idiopathic Normal Pressure Hydrocephalus: Linking Functional Connectivity and Clinical Outcome. <i>Journal of Alzheimer's Disease</i> , 2021, 83, 1-12.	1.2	8
47	C-reactive protein and white matter microstructural changes in COVID-19 patients with encephalopathy. <i>Journal of Neural Transmission</i> , 2021, 128, 1899-1906.	1.4	8
48	Default mode network and the timed up and go in MCI: A structural covariance analysis. <i>Experimental Gerontology</i> , 2020, 129, 110748.	1.2	5
49	Magnetoencephalography Brain Signatures Relate to Cognition and Cognitive Reserve in the Oldest-Old: The EMIF-AD 90 + Study. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 746373.	1.7	5
50	Editorial: Dynamic Functioning of Resting State Networks in Physiological and Pathological Conditions. <i>Frontiers in Neuroscience</i> , 2020, 14, 624401.	1.4	4
51	Additive and interaction effects of working memory and motor sequence training on brain functional connectivity. <i>Scientific Reports</i> , 2021, 11, 23089.	1.6	4
52	Cortical and subcortical changes in resting-state neuronal activity and connectivity in early symptomatic ALS and advanced frontotemporal dementia. <i>NeuroImage: Clinical</i> , 2022, 34, 102965.	1.4	3
53	The Biological Substrate of the Motoric Cognitive Risk Syndrome: A Pilot Study Using Amyloid/Tau-PET and MR Imaging. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-8.	1.2	2
54	T52. N-ACETYL-CYSTEINE ADD-ON TREATMENT LEADS TO AN IMPROVEMENT OF FORNIX WHITE MATTER INTEGRITY IN EARLY PSYCHOSIS. <i>Schizophrenia Bulletin</i> , 2018, 44, S133-S134.	2.3	1

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55	Frontal cortical thickness correlates positively with impulsivity in early psychosis male patients. <i>Microbial Biotechnology</i> , 2019, 13, 848-852.	0.9	1
56	Structure-function dependencies as informative features for brain decoding and fingerprinting. , 2021, , .		1
57	T221. Sensorimotor Induction of Auditory Misattribution in Psychosis is Linked to Neural Disconnectivity. <i>Biological Psychiatry</i> , 2018, 83, S214.	0.7	0
58	10.2 REDOX DYSREGULATION, OLIGODENDROCYTES AND WHITE MATTER ALTERATIONS IN SCHIZOPHRENIA. <i>Schizophrenia Bulletin</i> , 2018, 44, S15-S16.	2.3	0
59	12.4 THE BODILY SELF IN PSYCHOSIS: SENSORIMOTOR INDUCTION OF AUDITORY MISATTRIBUTION IN PSYCHOSIS IS LINKED TO NEURAL DISCONNECTIVITY. <i>Schizophrenia Bulletin</i> , 2019, 45, S107-S108.	2.3	0
60	Redox Dysregulation, Myelination Deficit and Dysconnectivity in Schizophrenia: A Translational Study in First Episode Patients and Experimental Models. <i>Biological Psychiatry</i> , 2020, 87, S100.	0.7	0
61	Redox Dysregulation, Myelination Deficit and Dysconnectivity in Schizophrenia: A Translational Study in First Episode Patients and Experimental Models. <i>Biological Psychiatry</i> , 2021, 89, S56.	0.7	0
62	CSF tap test in idiopathic normal pressure hydrocephalus: still a necessary prognostic test?. <i>Journal of Neurology</i> , 0, , .	1.8	0