

# Giulio Pergola

## List of Publications by Year in descending order

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Version: 2024-02-01

92  
papers

2,895  
citations

236925

25  
h-index

214800

47  
g-index

107  
all docs

107  
docs citations

107  
times ranked

4756  
citing authors

#	ARTICLE	IF	CITATIONS
1	Common brain disorders are associated with heritable patterns of apparent aging of the brain. <i>Nature Neuroscience</i> , 2019, 22, 1617-1623.	14.8	358
2	Brain Heterogeneity in Schizophrenia and Its Association With Polygenic Risk. <i>JAMA Psychiatry</i> , 2019, 76, 739.	11.0	195
3	Cerebellar volume and cerebellocerebral structural covariance in schizophrenia: a multisite mega-analysis of 983 patients and 1349 healthy controls. <i>Molecular Psychiatry</i> , 2018, 23, 1512-1520.	7.9	175
4	The role of the thalamus in schizophrenia from a neuroimaging perspective. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 54, 57-75.	6.1	145
5	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2022, 43, 431-451.	3.6	143
6	The FoodCast research image database (FRIDA). <i>Frontiers in Human Neuroscience</i> , 2013, 7, 51.	2.0	141
7	The Regulatory Role of the Human Mediodorsal Thalamus. <i>Trends in Cognitive Sciences</i> , 2018, 22, 1011-1025.	7.8	129
8	Food color is in the eye of the beholder: the role of human trichromatic vision in food evaluation. <i>Scientific Reports</i> , 2016, 6, 37034.	3.3	85
9	Brain scans from 21,297 individuals reveal the genetic architecture of hippocampal subfield volumes. <i>Molecular Psychiatry</i> , 2020, 25, 3053-3065.	7.9	80
10	Greater male than female variability in regional brain structure across the lifespan. <i>Human Brain Mapping</i> , 2022, 43, 470-499.	3.6	76
11	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2022, 43, 452-469.	3.6	72
12	Brain network dynamics during working memory are modulated by dopamine and diminished in schizophrenia. <i>Nature Communications</i> , 2021, 12, 3478.	12.8	69
13	Recall deficits in stroke patients with thalamic lesions covary with damage to the parvocellular mediodorsal nucleus of the thalamus. <i>Neuropsychologia</i> , 2012, 50, 2477-2491.	1.6	67
14	The role of the thalamic nuclei in recognition memory accompanied by recall during encoding and retrieval: An fMRI study. <i>NeuroImage</i> , 2013, 74, 195-208.	4.2	64
15	Associative Learning Beyond the Medial Temporal Lobe: Many Actors on the Memory Stage. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 162.	2.0	57
16	Altered Error Processing following Vascular Thalamic Damage: Evidence from an Antisaccade Task. <i>PLoS ONE</i> , 2011, 6, e21517.	2.5	53
17	DRD2 co-expression network and a related polygenic index predict imaging, behavioral and clinical phenotypes linked to schizophrenia. <i>Translational Psychiatry</i> , 2017, 7, e1006-e1006.	4.8	52
18	Grey matter volume patterns in thalamic nuclei are associated with familial risk for schizophrenia. <i>Schizophrenia Research</i> , 2017, 180, 13-20.	2.0	40

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19	Schizophrenia polygenic risk score predicts mnemonic hippocampal activity. <i>Brain</i> , 2018, 141, 1218-1228.	7.6	36
20	Metabolic-inflammatory status as predictor of clinical outcome at 1-year follow-up in patients with first episode psychosis. <i>Psychoneuroendocrinology</i> , 2019, 99, 145-153.	2.7	36
21	Reproducible grey matter patterns index a multivariate, global alteration of brain structure in schizophrenia and bipolar disorder. <i>Translational Psychiatry</i> , 2019, 9, 12.	4.8	35
22	Traces of Trauma: A Multivariate Pattern Analysis of Childhood Trauma, Brain Structure, and Clinical Phenotypes. <i>Biological Psychiatry</i> , 2020, 88, 829-842.	1.3	35
23	A Pattern of Cognitive Deficits Stratified for Genetic and Environmental Risk Reliably Classifies Patients With Schizophrenia From Healthy Control Subjects. <i>Biological Psychiatry</i> , 2020, 87, 697-707.	1.3	33
24	A neural signature of food semantics is associated with body-mass index. <i>Biological Psychology</i> , 2017, 129, 282-292.	2.2	30
25	Increased cerebral blood flow after single dose of antipsychotics in healthy volunteers depends on dopamine D2 receptor density profiles. <i>NeuroImage</i> , 2019, 188, 774-784.	4.2	30
26	The Involvement of the Thalamus in Semantic Retrieval: A Clinical Group Study. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 872-886.	2.3	29
27	Prefrontal Coexpression of Schizophrenia Risk Genes Is Associated With Treatment Response in Patients. <i>Biological Psychiatry</i> , 2019, 86, 45-55.	1.3	27
28	Multivariate classification of schizophrenia and its familial risk based on load-dependent attentional control brain functional connectivity. <i>Neuropsychopharmacology</i> , 2020, 45, 613-621.	5.4	26
29	The genetic architecture of human brainstem structures and their involvement in common brain disorders. <i>Nature Communications</i> , 2020, 11, 4016.	12.8	26
30	Prefrontal activity during working memory is modulated by the interaction of variation in CB1 and COX2 coding genes and correlates with frequency of cannabis use. <i>Cortex</i> , 2016, 81, 231-238.	2.4	25
31	Combined effect of genetic variants in the GluN2B coding gene (GRIN2B) on prefrontal function during working memory performance. <i>Psychological Medicine</i> , 2016, 46, 1135-1150.	4.5	25
32	Modelling cognitive loads in schizophrenia by means of new functional dynamic indexes. <i>NeuroImage</i> , 2019, 195, 150-164.	4.2	24
33	Association of familial risk for schizophrenia with thalamic and medial prefrontal functional connectivity during attentional control. <i>Schizophrenia Research</i> , 2016, 173, 23-29.	2.0	23
34	Lexical-semantic deficits in processing food and non-food items. <i>Brain and Cognition</i> , 2016, 110, 120-130.	1.8	22
35	A complex network approach reveals a pivotal substructure of genes linked to schizophrenia. <i>PLoS ONE</i> , 2018, 13, e0190110.	2.5	22
36	Genetic Variation of a DRD2 Co-expression Network is Associated with Changes in Prefrontal Function After D2 Receptors Stimulation. <i>Cerebral Cortex</i> , 2019, 29, 1162-1173.	2.9	19

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37	NURR1 and ERR1 Modulate the Expression of Genes of a <i>DRD2</i> Coexpression Network Enriched for Schizophrenia Risk. <i>Journal of Neuroscience</i> , 2020, 40, 932-941.	3.6	19
38	Transcriptomic context of <i>DRD1</i> is associated with prefrontal activity and behavior during working memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5582-5587.	7.1	18
39	Thalamic connectivity measured with fMRI is associated with a polygenic index predicting thalamo-prefrontal gene co-expression. <i>Brain Structure and Function</i> , 2019, 224, 1331-1344.	2.3	18
40	A Polygenic Risk Score of glutamatergic SNPs associated with schizophrenia predicts attentional behavior and related brain activity in healthy humans. <i>European Neuropsychopharmacology</i> , 2017, 27, 928-939.	0.7	17
41	Familial Risk and a Genome-Wide Supported <i>DRD2</i> Variant for Schizophrenia Predict Lateral Prefrontal-Amygdala Effective Connectivity During Emotion Processing. <i>Schizophrenia Bulletin</i> , 2018, 44, 834-843.	4.3	16
42	A Novel Synchronization-Based Approach for Functional Connectivity Analysis. <i>Complexity</i> , 2017, 2017, 1-12.	1.6	15
43	Episodic memory for natural and transformed food. <i>Cortex</i> , 2018, 107, 13-20.	2.4	15
44	Intelligence, educational attainment, and brain structure in those at familial high risk for schizophrenia or bipolar disorder. <i>Human Brain Mapping</i> , 2022, 43, 414-430.	3.6	14
45	Association between age of cannabis initiation and gray matter covariance networks in recent onset psychosis. <i>Neuropsychopharmacology</i> , 2021, 46, 1484-1493.	5.4	14
46	Flexible and specific contributions of thalamic subdivisions to human cognition. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 124, 35-53.	6.1	14
47	Association of functional genetic variation in <i>PP2A</i> with prefrontal working memory processing. <i>Behavioural Brain Research</i> , 2017, 316, 125-130.	2.2	11
48	Evocative gene-environment correlation between genetic risk for schizophrenia and bullying victimization. <i>World Psychiatry</i> , 2019, 18, 366-367.	10.4	11
49	The interaction between cannabis use and a <i>CB1</i> -related polygenic co-expression index modulates dorsolateral prefrontal activity during working memory processing. <i>Brain Imaging and Behavior</i> , 2021, 15, 288-299.	2.1	11
50	Virtual Ontogeny of Cortical Growth Preceding Mental Illness. <i>Biological Psychiatry</i> , 2022, 92, 299-313.	1.3	11
51	Thalamic amnesia after infarct: The role of the mammillothalamic tract and mediodorsal nucleus. <i>Neurology</i> , 2016, 86, 1928-1928.	1.1	10
52	Multivariate patterns of gray matter volume in thalamic nuclei are associated with positive schizotypy in healthy individuals. <i>Psychological Medicine</i> , 2020, 50, 1501-1509.	4.5	10
53	Asymmetric hemispheric contribution to ERPs in associative memory indexes goal relevance and quantity of information. <i>Behavioural Brain Research</i> , 2013, 241, 7-16.	2.2	9
54	The interaction between <i>OXTR</i> rs2268493 and perceived maternal care is associated with amygdala-dorsolateral prefrontal effective connectivity during explicit emotion processing. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 270, 553-565.	3.2	9

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55	Separate and overlapping functional roles for efference copies in the human thalamus. <i>Neuropsychologia</i> , 2020, 147, 107558.	1.6	8
56	Quantitative Assessment of Chronic Thalamic Stroke. <i>American Journal of Neuroradiology</i> , 2013, 34, E51-E55.	2.4	7
57	First come, last primed: FN400 reflects post-encoding editing of the memory trace. <i>Behavioural Brain Research</i> , 2014, 266, 63-76.	2.2	7
58	Emotional Stability Interacts with Cortisol Levels Before fMRI on Brain Processing of Fearful Faces. <i>Neuroscience</i> , 2019, 416, 190-197.	2.3	7
59	Machine learning-based ability to classify psychosis and early stages of disease through parenting and attachment-related variables is associated with social cognition. <i>BMC Psychology</i> , 2021, 9, 47.	2.1	7
60	The Virtual Tray of Objects Task as a novel method to electrophysiologically measure visuo-spatial recognition memory. <i>International Journal of Psychophysiology</i> , 2015, 98, 477-489.	1.0	6
61	Genetic control of variability in subcortical and intracranial volumes. <i>Molecular Psychiatry</i> , 2021, 26, 3876-3883.	7.9	6
62	Evidence of an interaction between <i>FXR1</i> and <i>GSK3<math>\beta</math></i> polymorphisms on levels of Negative Symptoms of Schizophrenia and their response to antipsychotics. <i>European Psychiatry</i> , 2021, 64, e39.	0.2	6
63	Clinical, Brain, and Multilevel Clustering in Early Psychosis and Affective Stages. <i>JAMA Psychiatry</i> , 2022, 79, 677.	11.0	6
64	Joint structural-functional magnetic resonance imaging features are associated with diagnosis and real-world functioning in patients with schizophrenia. <i>Schizophrenia Research</i> , 2022, 240, 193-203.	2.0	4
65	Topological Complex Networks Properties for Gene Community Detection Strategy: DRD2 Case Study. <i>Springer Proceedings in Physics</i> , 2017, , 199-208.	0.2	3
66	How recent learning shapes the brain: Memory-dependent functional reconfiguration of brain circuits. <i>NeuroImage</i> , 2021, 245, 118636.	4.2	3
67	O5. Classification of Schizophrenia Using Machine Learning With Multimodal Markers. <i>Biological Psychiatry</i> , 2019, 85, S107.	1.3	2
68	Selective recall deficits for heterogeneous associations in detoxified individuals with alcohol use disorder. <i>Behavioural Brain Research</i> , 2020, 390, 112688.	2.2	2
69	A generative-discriminative framework that integrates imaging, genetic, and diagnosis into coupled low dimensional space. <i>NeuroImage</i> , 2021, 238, 118200.	4.2	2
70	Using combined environmental and clinical classification models to predict role functioning outcome in clinical high-risk states for psychosis and recent-onset depression. <i>British Journal of Psychiatry</i> , 2022, 220, 229-245.	2.8	1
71	Pattern of predictive features of continued cannabis use in patients with recent-onset psychosis and clinical high-risk for psychosis. <i>NPJ Schizophrenia</i> , 2022, 8, 19.	3.6	1
72	Semantic features of associatively encoded pairs modulate early source memory effects during retrieval. <i>International Journal of Psychophysiology</i> , 2012, 85, 427.	1.0	0

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73	Association of Inter-individual Differences in Imaging Markers with Schizophrenia Phenotypes. <i>European Psychiatry</i> , 2017, 41, S43-S44.	0.2	0
74	Grey Matter Volume Patterns in Thalamic Nuclei are Associated with Schizotypy in Healthy Subjects. <i>European Psychiatry</i> , 2017, 41, S104-S105.	0.2	0
75	A thalamo-cortical genetic co-expression network is associated with thalamic functional connectivity linked with familial risk for schizophrenia. <i>European Psychiatry</i> , 2017, 41, s826-s827.	0.2	0
76	F5. Brain Disorders are Associated With Increased Brain Age. <i>Biological Psychiatry</i> , 2018, 83, S238-S239.	1.3	0
77	F50. Genetic Architecture of Hippocampal Subfield Volumes: Shared and Specific Influences. <i>Biological Psychiatry</i> , 2018, 83, S257.	1.3	0
78	T57IDENTIFYING CAUSAL GENETIC VARIANTS IN PSYCHIATRIC DISORDERS USING SUMMARY DATA BASED MENDELIAN RANDOMIZATION. <i>European Neuropsychopharmacology</i> , 2019, 29, S245-S246.	0.7	0
79	239. Systems-Level Correlates of the Co-Expression of Schizophrenia Risk Genes. <i>Biological Psychiatry</i> , 2019, 85, S99.	1.3	0
80	T82EVOCATIVE GENE-ENVIRONMENT CORRELATION BETWEEN GENETIC RISK FOR SCHIZOPHRENIA AND BULLYING VICTIMIZATION. <i>European Neuropsychopharmacology</i> , 2019, 29, S259-S260.	0.7	0
81	O1.7. TRANSLATING TRANSCRIPTOME DATA MINING INTO NEUROBIOLOGICAL AND CLINICAL READOUTS. <i>Schizophrenia Bulletin</i> , 2019, 45, S161-S161.	4.3	0
82	F175. Prefrontal Co-Expression of miR-137 Target Genes is Related With Prefrontal Activity During Emotion Recognition. <i>Biological Psychiatry</i> , 2019, 85, S281.	1.3	0
83	Gene Co-Expression in Postmortem Brain Tissue Reveals the Role of Dopamine Receptor D2 in Prefrontal Cortical Networks. <i>Biological Psychiatry</i> , 2020, 87, S292.	1.3	0
84	Deeper and Deeper into Psychosis Risk: Novel Insights From Data Fusion Applications in a Machine Learning Perspective. <i>Biological Psychiatry</i> , 2020, 87, S37-S38.	1.3	0
85	P.307 Resting state MRI functional connectivity and negative symptoms in subjects with schizophrenia. <i>European Neuropsychopharmacology</i> , 2021, 44, S44-S45.	0.7	0
86	Dorsolateral Prefrontal Cortex Single Nuclei Tensor Decomposition Identifies Shared Genetic Risk for Major Depressive Disorder and Schizophrenia in Suicidal Subjects. <i>Biological Psychiatry</i> , 2021, 89, S234.	1.3	0
87	Age-Related Prefrontal Network Connectivity Pattern Changes are Associated With Risk for Psychosis. <i>Biological Psychiatry</i> , 2021, 89, S352-S353.	1.3	0
88	Reduced Phase Synchronization for Auditory Deviant Detection in Schizophrenia and Clinical High Risk for Psychosis. <i>Biological Psychiatry</i> , 2021, 89, S309-S310.	1.3	0
89	A Reproducible Prefronto-Striatal Network Centrality Association With Executive Function Performance is Compromised in Clinical Risk for Psychosis. <i>Biological Psychiatry</i> , 2021, 89, S165-S166.	1.3	0
90	Lexical-semantic knowledge about food in patients with different types of dementia. <i>Frontiers in Psychology</i> , 0, 5, .	2.1	0

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91	Visual space generated by saccade motor plans. <i>Journal of Vision</i> , 2019, 19, 253a.	0.3	0
92	Subcortical Gray Matter Volume is Associated With Schizophrenia and With Both its Familial and Clinical Risk. <i>Biological Psychiatry</i> , 2020, 87, S226.	1.3	0