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List of Publications by Year
in descending order

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57	2,971	304743 22	189892 50
papers	citations	h-index	g-index

64	64	64	3840
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. Nature, 2022, 604, 502-508.	27.8	929
2	Polymorphisms in human dopamine D2 receptor gene affect gene expression, splicing, and neuronal activity during working memory. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20552-20557.	7.1	378
3	Additive Effects of Genetic Variation in Dopamine Regulating Genes on Working Memory Cortical Activity in Human Brain. Journal of Neuroscience, 2006, 26, 3918-3922.	3.6	208
4	Stress-Related Methylation of the Catechol-O-Methyltransferase Val¹⁵⁸Allele Predicts Human Prefrontal Cognition and Activity. Journal of Neuroscience, 2011, 31, 6692-6698.	3.6	182
5	Functional variants of the dopamine receptor D2 gene modulate prefronto-striatal phenotypes in schizophrenia. Brain, 2009, 132, 417-425.	7.6	123
6	Functional Variation of the Dopamine D₂Receptor Gene Is Associated with Emotional Control as well as Brain Activity and Connectivity during Emotion Processing in Humans. Journal of Neuroscience, 2009, 29, 14812-14819.	3.6	99
7	Association of the Ser⁷⁰⁴Cys DISC1 polymorphism with human hippocampal formation gray matter and function during memory encoding. European Journal of Neuroscience, 2008, 28, 2129-2136.	2.6	86
8	Epistasis between Dopamine Regulating Genes Identifies a Nonlinear Response of the Human Hippocampus During Memory Tasks. Biological Psychiatry, 2008, 64, 226-234.	1.3	76
9	Association ofGSK-3Î²Genetic Variation With GSK-3Î² Expression, Prefrontal Cortical Thickness, Prefrontal Physiology, and Schizophrenia. American Journal of Psychiatry, 2013, 170, 868-876.	7.2	56
10	DRD2 co-expression network and a related polygenic index predict imaging, behavioral and clinical phenotypes linked to schizophrenia. Translational Psychiatry, 2017, 7, e1006-e1006.	4.8	52
11	COMT Val158Met polymorphism predicts negative symptoms response to treatment with olanzapine in schizophrenia. Schizophrenia Research, 2007, 95, 253-255.	2.0	49
12	BDNF rs6265 methylation and genotype interact on risk for schizophrenia. Epigenetics, 2016, 11, 11-23.	2.7	48
13	Converging Evidence for the Association of Functional Genetic Variation in the Serotonin Receptor 2a Gene With Prefrontal Function and Olanzapine Treatment. JAMA Psychiatry, 2013, 70, 921.	11.0	46
14	FXR1P is a GSK3Î² substrate regulating mood and emotion processing. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4610-9.	7.1	46
15	Antipsychotic Drug Responsiveness and Dopamine Receptor Signaling; Old Players and New Prospects. Frontiers in Psychiatry, 2019, 9, 702.	2.6	43
16	Grey matter volume patterns in thalamic nuclei are associated with familial risk for schizophrenia. Schizophrenia Research, 2017, 180, 13-20.	2.0	40
17	Reproducible grey matter patterns index a multivariate, global alteration of brain structure in schizophrenia and bipolar disorder. Translational Psychiatry, 2019, 9, 12.	4.8	35
18	Ankyrin-3 as a molecular marker of early-life stress and vulnerability to psychiatric disorders. Translational Psychiatry, 2016, 6, e943-e943.	4.8	34

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19	A Pattern of Cognitive Deficits Stratified for Genetic and Environmental Risk Reliably Classifies Patients With Schizophrenia From Healthy Control Subjects. Biological Psychiatry, 2020, 87, 697-707.	1.3	33
20	Synaptic modulators Nrxn1 and Nrxn3 are disregulated in a Disc1 mouse model of schizophrenia. Molecular Psychiatry, 2011, 16, 585-587.	7.9	32
21	Prefrontal Coexpression of Schizophrenia Risk Genes Is Associated With Treatment Response in Patients. Biological Psychiatry, 2019, 86, 45-55.	1.3	27
22	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. Cortex, 2016, 81, 231-238.	2.4	25
23	Combined effect of genetic variants in the GluN2B coding gene(GRIN2B)on prefrontal function during working memory performance. Psychological Medicine, 2016, 46, 1135-1150.	4.5	25
24	Expression of DISC1-Interactome Members Correlates with Cognitive Phenotypes Related to Schizophrenia. PLoS ONE, 2014, 9, e99892.	2.5	23
25	Prefronto-striatal physiology is associated with schizotypy and is modulated by a functional variant of DRD2. Frontiers in Behavioral Neuroscience, 2014, 8, 235.	2.0	22
26	DRD2/CHRNA5 Interaction on Prefrontal Biology and Physiology during Working Memory. PLoS ONE, 2014, 9, e95997.	2.5	19
27	Genetic Variation of a DRD2 Co-expression Network is Associated with Changes in Prefrontal Function After D2 Receptors Stimulation. Cerebral Cortex, 2019, 29, 1162-1173.	2.9	19
28	NURR1 and ERR1 Modulate the Expression of Genes of aDRD2Coexpression Network Enriched for Schizophrenia Risk. Journal of Neuroscience, 2020, 40, 932-941.	3.6	19
29	Transcriptomic context of DRD1 is associated with prefrontal activity and behavior during working memory. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5582-5587.	7.1	18
30	Thalamic connectivity measured with fMRI is associated with a polygenic index predicting thalamo-prefrontal gene co-expression. Brain Structure and Function, 2019, 224, 1331-1344.	2.3	18
31	A Polygenic Risk Score of glutamatergic SNPs associated with schizophrenia predicts attentional behavior and related brain activity in healthy humans. European Neuropsychopharmacology, 2017, 27, 928-939.	0.7	17
32	Familial Risk and a Genome-Wide Supported DRD2 Variant for Schizophrenia Predict Lateral Prefrontal-Amygdala Effective Connectivity During Emotion Processing. Schizophrenia Bulletin, 2018, 44, 834-843.	4.3	16
33	Machine Learning algorithm unveils glutamatergic alterations in the post-mortem schizophrenia brain. NPJ Schizophrenia, 2022, 8, 8.	3.6	16
34	DRD2 genotype predicts prefrontal activity during working memory after stimulation of D2 receptors with bromocriptine. Psychopharmacology, 2014, 231, 2361-2370.	3.1	14
35	Association of functional genetic variation in PP2A with prefrontal working memory processing. Behavioural Brain Research, 2017, 316, 125-130.	2.2	11
36	The interaction between cannabis use and a CB1-related polygenic co-expression index modulates dorsolateral prefrontal activity during working memory processing. Brain Imaging and Behavior, 2021, 15, 288-299.	2.1	11

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37	Mirtazapine Add-On Improves Olanzapine Effect on Negative Symptoms of Schizophrenia. Journal of Clinical Psychopharmacology, 2013, 33, 810-812.	1.4	10
38	Multivariate patterns of gray matter volume in thalamic nuclei are associated with positive schizotypy in healthy individuals. Psychological Medicine, 2020, 50, 1501-1509.	4.5	10
39	The interaction between OXTR rs2268493 and perceived maternal care is associated with amygdalaâ€“dorsolateral prefrontal effective connectivity during explicit emotion processing. European Archives of Psychiatry and Clinical Neuroscience, 2020, 270, 553-565.	3.2	9
40	Emotional Stability Interacts with Cortisol Levels Before fMRI on Brain Processing of Fearful Faces. Neuroscience, 2019, 416, 190-197.	2.3	7
41	Machine learning-based ability to classify psychosis and early stages of disease through parenting and attachment-related variables is associated with social cognition. BMC Psychology, 2021, 9, 47.	2.1	7
42	Genetic control of variability in subcortical and intracranial volumes. Molecular Psychiatry, 2021, 26, 3876-3883.	7.9	6
43	Evidence of an interaction between FXR1 and GSK3Î² polymorphisms on levels of Negative Symptoms of Schizophrenia and their response to antipsychotics. European Psychiatry, 2021, 64, e39.	0.2	6
44	Abnormal RasGRP1 Expression in the Post-Mortem Brain and Blood Serum of Schizophrenia Patients. Biomolecules, 2022, 12, 328.	4.0	4
45	Genetic variation is associated with RTN4R expression and working memory processing in healthy humans. Brain Research Bulletin, 2017, 134, 162-167.	3.0	3
46	Grey Matter Heterotopia and Criminal Responsibility in a Case of Personal Injury Defense. Frontiers in Psychiatry, 2020, 11, 261.	2.6	3
47	Strategies for Psychiatric Rehabilitation and their Cognitive Outcomes in Schizophrenia: Review of Last Five-year Studies. Clinical Practice and Epidemiology in Mental Health, 2021, 17, 31-47.	1.2	3
48	Toll-Like Receptors in Stem/Progenitor Cells. Handbook of Experimental Pharmacology, 2021, , 175-212.	1.8	3
49	O5. Classification of Schizophrenia Using Machine Learning With Multimodal Markers. Biological Psychiatry, 2019, 85, S107.	1.3	2
50	A generative-discriminative framework that integrates imaging, genetic, and diagnosis into coupled low dimensional space. NeuroImage, 2021, 238, 118200.	4.2	2
51	Poster #25 A GENETIC VARIANT OF THE DOPAMINE D2 RECEPTOR GENE PREDICTS PREFRONTAL ACTIVITY DURINGWORKING MEMORY RETRIEVAL IN HUMANS. Schizophrenia Research, 2012, 136, S100.	2.0	0
52	Poster #153 THE ROLE OF DRD2 RS1076560 AND AKT1 RS1130233 VARIANTS IN THE MODULATION OF ATTENTION IN PATIENTSWITH SCHIZOPHRENIA AND HEALTHY SUBJECTS. Schizophrenia Research, 2012, 136, S146.	2.0	0
53	O9.4. PREDICTING SCHIZOPHRENIA: IDENTIFICATION OF MULTIMODAL MARKERS OF DISEASE THROUGH A MACHINE LEARNING APPROACH. Schizophrenia Bulletin, 2018, 44, S100-S101.	4.3	0
54	239. Systems-Level Correlates of the Co-Expression of Schizophrenia Risk Genes. Biological Psychiatry, 2019, 85, S99.	1.3	0

#	Article	IF	Citations
55	O1.7. TRANSLATING TRANSCRIPTOME DATA MINING INTO NEUROBIOLOGICAL AND CLINICAL READOUTS. Schizophrenia Bulletin, 2019, 45, S161-S161.	4.3	0
56	F175. Prefrontal Co-Expression of miR-137 Target Genes is Related With Prefrontal Activity During Emotion Recognition. Biological Psychiatry, 2019, 85, S281.	1.3	0
57	M207. REVEALING HYPOTHALAMIC PATHWAYS CONTRIBUTION TO OLANZAPINE- INDUCED METABOLIC SYNDROME: FROM MURINE MODEL TO HUMAN TRANSLATION. Schizophrenia Bulletin, 2020, 46, S215-S215.	4.3	0