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List of Publications by Year
in descending order

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109 papers	10,135 citations	57758 44 h-index	40979 93 g-index
111 all docs	111 docs citations	111 times ranked	16412 citing authors

#	Article	IF	Citations
1	Analysis of shared heritability in common disorders of the brain. Science, 2018, 360, .	12.6	1,085
2	Genome-wide association meta-analysis in 269,867 individuals identifies new genetic and functional links to intelligence. Nature Genetics, 2018, 50, 912-919.	21.4	893
3	Common genetic variants influence human subcortical brain structures. Nature, 2015, 520, 224-229.	27.8	772
4	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. Brain Imaging and Behavior, 2014, 8, 153-182.	2.1	696
5	Identification of common variants associated with human hippocampal and intracranial volumes. Nature Genetics, 2012, 44, 552-561.	21.4	594
6	The genetic architecture of the human cerebral cortex. Science, 2020, 367, .	12.6	450
7	Common brain disorders are associated with heritable patterns of apparent aging of the brain. Nature Neuroscience, 2019, 22, 1617-1623.	14.8	358
8	Detection of the poor metabolizer-associated CYP2D6(D) gene deletion allele by long-PCR technology. Pharmacogenetics and Genomics, 1995, 5, 215-223.	5.7	248
9	Pharmacogenetics of Tardive Dyskinesia Combined Analysis of 780 Patients Supports Association with Dopamine D3 Receptor Gene Ser9Gly Polymorphism. Neuropsychopharmacology, 2002, 27, 105-119.	5.4	217
10	Novel genetic loci underlying human intracranial volume identified through genome-wide association. Nature Neuroscience, 2016, 19, 1569-1582.	14.8	213
11	Genetic architecture of subcortical brain structures in 38,851 individuals. Nature Genetics, 2019, 51, 1624-1636.	21.4	192
12	Mutations in ABHD12 Cause the Neurodegenerative Disease PHARC: An Inborn Error of Endocannabinoid Metabolism. American Journal of Human Genetics, 2010, 87, 410-417.	6.2	188
13	Gene variants associated with schizophrenia in a Norwegian genome-wide study are replicated in a large European cohort. Journal of Psychiatric Research, 2010, 44, 748-753.	3.1	183
14	Ultrarapid metabolizers of debrisoquine: Characterization and PCRâ€based detection of alleles with duplication of the CYP2D6 gene. FEBS Letters, 1996, 392, 30-34.	2.8	181
15	The Complement Control-Related Genes CSMD1 and CSMD2 Associate to Schizophrenia. Biological Psychiatry, 2011, 70, 35-42.	1.3	149
16	Obesity, Dyslipidemia, and Diabetes With Selective Serotonin Reuptake Inhibitors. Journal of Clinical Psychiatry, 2006, 67, 1974-1982.	2.2	149
17	Identification of genes co-upregulated withArcduring BDNF-induced long-term potentiation in adult rat dentate gyrusin vivo. European Journal of Neuroscience, 2006, 23, 1501-1511.	2.6	127
18	[22] CYP2D6 multiallelism. Methods in Enzymology, 1996, 272, 199-210.	1.0	117

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19	Switch from Stress Response to Homeobox Transcription Factors in Adipose Tissue After Profound Fat Loss. PLoS ONE, 2010, 5, e11033.	2.5	104
20	Large-Scale Cognitive GWAS Meta-Analysis Reveals Tissue-Specific Neural Expression and Potential Nootropic Drug Targets. Cell Reports, 2017, 21, 2597-2613.	6.4	103
21	Olanzapine-Induced Hyperphagia and Weight Gain Associate with Orexigenic Hypothalamic Neuropeptide Signaling without Concomitant AMPK Phosphorylation. PLoS ONE, 2011, 6, e20571.	2.5	101
22	SREBP Activation by Antipsychotic- and Antidepressant-Drugs in Cultured Human Liver Cells: Relevance for Metabolic Side-Effects?. Molecular and Cellular Biochemistry, 2006, 289, 167-173.	3.1	94
23	Acute clozapine exposure in vivo induces lipid accumulation and marked sequential changes in the expression of SREBP, PPAR, and LXR target genes in rat liver. Psychopharmacology, 2009, 203, 73-84.	3.1	91
24	B56Î´-related protein phosphatase 2A dysfunction identified in patients with intellectual disability. Journal of Clinical Investigation, 2015, 125, 3051-3062.	8.2	91
25	Pleiotropic Meta-Analysis of Cognition, Education, and Schizophrenia Differentiates Roles of Early Neurodevelopmental and Adult Synaptic Pathways. American Journal of Human Genetics, 2019, 105, 334-350.	6.2	86
26	Brain scans from 21,297 individuals reveal the genetic architecture of hippocampal subfield volumes. Molecular Psychiatry, 2020, 25, 3053-3065.	7.9	80
27	Drug-induced activation of SREBP-controlled lipogenic gene expression in CNS-related cell lines: Marked differences between various antipsychotic drugs. BMC Neuroscience, 2006, 7, 69.	1.9	77
28	Homologous unequal cross-over involving a 2.8 kb direct repeat as a mechanism for the generation of allelic variants of the human cytochrome P450 CYP2D6 gene. Human Molecular Genetics, 1995, 4, 2251-2257.	2.9	76
29	Upregulation of Immunoglobulinâ€related Genes in Cortical Sections from Multiple Sclerosis Patients. Brain Pathology, 2010, 20, 720-729.	4.1	76
30	Genetic variants associated with longitudinal changes in brain structure across the lifespan. Nature Neuroscience, 2022, 25, 421-432.	14.8	75
31	Association Study of a Variable-Number Tandem Repeat Polymorphism in the Clock GenePERIOD3and Chronotype in Norwegian University Students. Chronobiology International, 2011, 28, 764-770.	2.0	70
32	Olanzapine, but not aripiprazole, weight-independently elevates serum triglycerides and activates lipogenic gene expression in female rats. International Journal of Neuropsychopharmacology, 2012, 15, 163-179.	2.1	69
33	Acute effects of orexigenic antipsychotic drugs on lipid and carbohydrate metabolism in rat. Psychopharmacology, 2012, 219, 783-794.	3.1	67
34	Neuropsychological Deficits in Mice Depleted of the Schizophrenia Susceptibility Gene CSMD1. PLoS ONE, 2013, 8, e79501.	2.5	64
35	The phospholipase C-Î³1 gene (PLCG1) and lithium-responsive bipolar disorder: re-examination of an intronic dinucleotide repeat polymorphism. Psychiatric Genetics, 2001, 11, 41-43.	1.1	61
36	Comparison of three variant callers for human whole genome sequencing. Scientific Reports, 2018, 8, 17851.	3.3	61

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37	BRCA1/2 testing in newly diagnosed breast and ovarian cancer patients without prior genetic counselling: the DNA-BONus study. European Journal of Human Genetics, 2016, 24, 881-888.	2.8	58
38	Increased expression of lipid biosynthesis genes in peripheral blood cells of olanzapine-treated patients. International Journal of Neuropsychopharmacology, 2008, 11, 679-84.	2.1	57
39	Identification of Gene Loci That Overlap Between Schizophrenia and Educational Attainment. Schizophrenia Bulletin, 2017, 43, sbw085.	4.3	56
40	Antidepressant drugs activate SREBP and up-regulate cholesterol and fatty acid biosynthesis in human glial cells. Neuroscience Letters, 2006, 395, 185-190.	2.1	54
41	Association of Copy Number Variation of the 15q11.2 BP1-BP2 Region With Cortical and Subcortical Morphology and Cognition. JAMA Psychiatry, 2020, 77, 420.	11.0	54
42	Characterization and PCR-based detection of two different hybrid CYP2D7P/CYP2D6 alleles associated with the poor metabolizer phenotype??. Pharmacogenetics and Genomics, 1996, 6, 319-328.	5.7	53
43	Psychotropic drugs up-regulate the expression of cholesterol transport proteins including ApoE in cultured human CNS- and liver cells. BMC Pharmacology, 2009, 9, 10.	0.4	52
44	Genomic Structure and Chromosomal Localization of a Humanmyo-Inositol Monophosphatase Gene (IMPA). Genomics, 1997, 45, 113-122.	2.9	51
45	Associations between cod liver oil use and symptoms of depression: The Hordaland Health Study. Journal of Affective Disorders, 2007, 101, 245-249.	4.1	51
46	Lithium differentially affects clock gene expression in serum-shocked NIH-3T3 cells. Journal of Psychopharmacology, 2011, 25, 924-933.	4.0	51
47	A genetic association study of CSMD1 and CSMD2 with cognitive function. Brain, Behavior, and Immunity, 2017, 61, 209-216.	4.1	49
48	Dose response of the 16p11.2 distal copy number variant on intracranial volume and basal ganglia. Molecular Psychiatry, 2020, 25, 584-602.	7.9	49
49	BRCA Testing by Single-Molecule Molecular Inversion Probes. Clinical Chemistry, 2017, 63, 503-512.	3.2	46
50	Current aspects on human platelet activation and responses. European Journal of Haematology, 1987, 38, 383-399.	2.2	44
51	Linkage-Disequilibrium-Based Binning Affects the Interpretation of GWASs. American Journal of Human Genetics, 2012, 90, 727-733.	6.2	44
52	Candidate Gene Analysis of the Human Natural Killer-1 Carbohydrate Pathway and Perineuronal Nets in Schizophrenia: B3GAT2 Is Associated with Disease Risk and Cortical Surface Area. Biological Psychiatry, 2011, 69, 90-96.	1.3	42
53	Serum concentrations of tamoxifen and its metabolites increase with age during steady-state treatment. Breast Cancer Research and Treatment, 2013, 141, 243-248.	2.5	42
54	Homozygosity for the Gly-9 variant of the dopamine D3 receptor and risk for tardive dyskinesia in schizophrenic patients. International Journal of Neuropsychopharmacology, 2000, 3, 61-65.	2.1	40

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55	Gene-Based Analysis of Regionally Enriched Cortical Genes in GWAS Data Sets of Cognitive Traits and Psychiatric Disorders. PLoS ONE, 2012, 7, e31687.	2.5	40
56	Variants in Doublecortin- and Calmodulin Kinase Like 1, a Gene Up-Regulated by BDNF, Are Associated with Memory and General Cognitive Abilities. PLoS ONE, 2009, 4, e7534.	2.5	38
57	Transcriptional, post-transcriptional and chromatin-associated regulation of pri-miRNAs, pre-miRNAs and moRNAs. Nucleic Acids Research, 2016, 44, 3070-3081.	14.5	38
58	Amisulpride, aripiprazole, and olanzapine in patients with schizophrenia-spectrum disorders (BeSt) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	7.4	36
59	Neomycin inhibits platelet functions and inositol phospholipid metabolism upon stimulation with thrombin, but not with ionomycin or 12-O-tetradecanoyl-phorbol 13-acetate. FEBS Journal, 1988, 177, 219-223.	0.2	36
60	Duplicated Enhancer Region Increases Expression of CTSB and Segregates with Keratolytic Winter Erythema in South African and Norwegian Families. American Journal of Human Genetics, 2017, 100, 737-750.	6.2	35
61	Genetic evidence for a role of the SREBP transcription system and lipid biosynthesis in schizophrenia and antipsychotic treatment. European Neuropsychopharmacology, 2017, 27, 589-598.	0.7	33
62	Ask Rosa â€“ The making of a digital genetic conversation tool, a chatbot, about hereditary breast and ovarian cancer. Patient Education and Counseling, 2022, 105, 1488-1494.	2.2	31
63	Syndromic X-linked intellectual disability segregating with a missense variant in RLIM. European Journal of Human Genetics, 2015, 23, 1652-1656.	2.8	30
64	Large-scale genomics unveil polygenic architecture of human cortical surface area. Nature Communications, 2015, 6, 7549.	12.8	30
65	Effects of copy number variations on brain structure and risk for psychiatric illness: Largeâ€scale studies from the<scp>ENIGMA</scp>working groups on<scp>CNVs</scp>. Human Brain Mapping, 2022, 43, 300-328.	3.6	30
66	DCLK1 Variants Are Associated across Schizophrenia and Attention Deficit/Hyperactivity Disorder. PLoS ONE, 2012, 7, e35424.	2.5	30
67	Independent evidence for an association between general cognitive ability and a genetic locus for educational attainment. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2015, 168, 363-373.	1.7	25
68	Association of MCTP2 gene variants with schizophrenia in three independent samples of Scandinavian origin (SCOPE). Psychiatry Research, 2009, 168, 256-258.	3.3	24
69	MicroRNAs enrichment in GWAS of complex human phenotypes. BMC Genomics, 2015, 16, 304.	2.8	24
70	Increase in serum HDL level is associated with less negative symptoms after one year of antipsychotic treatment in first-episode psychosis. Schizophrenia Research, 2018, 197, 253-260.	2.0	24
71	Exploring lithiumâ€™s transcriptional mechanisms of action in bipolar disorder: a multi-step study. Neuropsychopharmacology, 2020, 45, 947-955.	5.4	24
72	1q21.1 distal copy number variants are associated with cerebral and cognitive alterations in humans. Translational Psychiatry, 2021, 11, 182.	4.8	24

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73	Genetic Basis of a Cognitive Complexity Metric. PLoS ONE, 2015, 10, e0123886.	2.5	22
74	Evidence that chlorpromazine and prostaglandin E1but not neomycin interfere with the inositol phospholipid metabolism in intact human platelets. FEBS Letters, 1990, 264, 33-36.	2.8	21
75	A Genetic Deconstruction of Neurocognitive Traits in Schizophrenia and Bipolar Disorder. PLoS ONE, 2013, 8, e81052.	2.5	20
76	Recently evolved human-specific methylated regionsÂare enriched in schizophrenia signals. BMC Evolutionary Biology, 2018, 18, 63.	3.2	18
77	Comparison of nucleic acid targets prepared from total RNA or poly(A) RNA for DNA oligonucleotide microarray hybridization. Analytical Biochemistry, 2007, 366, 46-58.	2.4	17
78	Genetics of structural connectivity and information processing in the brain. Brain Structure and Function, 2016, 221, 4643-4661.	2.3	17
79	Association between serum lipid levels, osteoprotegerin and depressive symptomatology in psychotic disorders. European Archives of Psychiatry and Clinical Neuroscience, 2019, 269, 795-802.	3.2	17
80	Transcriptome analysis reveals disparate expression of inflammation-related miRNAs and their gene targets in iPSC-astrocytes from people with schizophrenia. Brain, Behavior, and Immunity, 2021, 94, 235-244.	4.1	17
81	Characterization of two genes, Impa1 and Impa2 encoding mouse myo-inositol monophosphatases. Gene, 2001, 271, 285-291.	2.2	16
82	The CYP2C19 genotype and the use of oral contraceptives influence the pharmacokinetics of carisoprodol in healthy human subjects. European Journal of Clinical Pharmacology, 2005, 61, 499-506.	1.9	16
83	Genetic architecture of cognitive traits. Scandinavian Journal of Psychology, 2014, 55, 255-262.	1.5	16
84	Subchronic olanzapine exposure leads to increased expression of myelination-related genes in rat fronto-medial cortex. Translational Psychiatry, 2017, 7, 1262.	4.8	16
85	Associations between C-reactive protein levels and cognition during the first 6 months after acute psychosis. Acta Neuropsychiatrica, 2019, 31, 36-45.	2.1	15
86	Conservation of Distinct Genetically-Mediated Human Cortical Pattern. PLoS Genetics, 2016, 12, e1006143.	3.5	15
87	Antipsychotic-induced metabolic effects in the female rat: Direct comparison between long-acting injections of risperidone and olanzapine. Journal of Psychopharmacology, 2015, 29, 1280-1289.	4.0	14
88	Expression of TCN1 in Blood is Negatively Associated with Verbal Declarative Memory Performance. Scientific Reports, 2018, 8, 12654.	3.3	14
89	Usefulness of factor V Leiden mutation testing in clinical practice. European Journal of Human Genetics, 2010, 18, 862-866.	2.8	13
90	One-Year Treatment with Olanzapine Depot in Female Rats: Metabolic Effects. International Journal of Neuropsychopharmacology, 2019, 22, 358-369.	2.1	13

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91	Identifying nootropic drug targets via large-scale cognitive GWAS and transcriptomics. Neuropsychopharmacology, 2021, 46, 1788-1801.	5.4	12
92	Array-CGH fine mapping of minor and cryptic HR-CGH detected genomic imbalances in 80 out of 590 patients with abnormal development. European Journal of Human Genetics, 2008, 16, 1318-1328.	2.8	11
93	Association between olanzapine treatment and brain cortical thickness and gray/white matter contrast is moderated by cholesterol in psychotic disorders. Psychiatry Research - Neuroimaging, 2018, 282, 55-63.	1.8	11
94	Neurogenetic effects on cognition in aging brains: a window of opportunity for intervention?. Frontiers in Aging Neuroscience, 2010, 2, 143.	3.4	10
95	Genetic variation in 117 myelination-related genes in schizophrenia: Replication of association to lipid biosynthesis genes. Scientific Reports, 2018, 8, 6915.	3.3	10
96	Incident Users of Antipsychotic Agents and Future Use of Cholesterol-Lowering Drugs. Journal of Clinical Psychiatry, 2015, 76, e111-e116.	2.2	10
97	Potentiation by adrenaline of thrombin-induced elevation of pHiis not essential for synergistic activation of human platelets. FEBS Letters, 1989, 250, 211-214.	2.8	9
98	Genome-wide association study identifies genetic loci associated with body mass index and high density lipoprotein-cholesterol levels during psychopharmacological treatment â€" a cross-sectional naturalistic study. Psychiatry Research, 2012, 197, 327-336.	3.3	9
99	Improvement in verbal learning over the first year of antipsychotic treatment is associated with serum HDL levels in a cohort of first episode psychosis patients. European Archives of Psychiatry and Clinical Neuroscience, 2020, 270, 49-58.	3.2	8
100	Common variants in the ARC gene are not associated withÂcognitive abilities. Brain and Behavior, 2015, 5, e00376.	2.2	7
101	RareVariantVis: new tool for visualization of causative variants in rare monogenic disorders using whole genome sequencing data. Bioinformatics, 2016, 32, 3018-3020.	4.1	7
102	Genetic control of variability in subcortical and intracranial volumes. Molecular Psychiatry, 2021, 26, 3876-3883.	7.9	6
103	Dose-dependent transcriptional effects of lithium and adverse effect burden in a psychiatric cohort. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2022, 112, 110408.	4.8	6
104	Sex-Specific Effect of Serum Lipids and Body Mass Index on Psychotic Symptoms, a Cross-Sectional Study of First-Episode Psychosis Patients. Frontiers in Psychiatry, 2021, 12, 723158.	2.6	3
105	Association between C-reactive protein levels and antipsychotic treatment during 12Âmonths follow-up period after acute psychosis. Schizophrenia Research, 2022, 241, 174-183.	2.0	3
106	Analysis of differentially methylated regions in great apes and extinct hominids provides support for the evolutionary hypothesis of schizophrenia. Schizophrenia Research, 2019, 206, 209-216.	2.0	1
107	Pragmatic antipsychotics trialâ€"caution in interpretation â€" Authors' reply. Lancet Psychiatry,the, 2021, 8, 101.	7.4	1
108	Does inositol signalling have a role in disease susceptibility and drug treatment of bipolar disorder?. Bipolar Disorders, 2002, 4, 53-55.	1.9	0

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109	F50. Genetic Architecture of Hippocampal Subfield Volumes: Shared and Specific Influences. Biological Psychiatry, 2018, 83, S257.	1.3	0