

Daniel R Weinberger

List of Publications by Year in descending order

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607
papers

89,582
citations

354

139
h-index

521

273
g-index

640
all docs

640
docs citations

640
times ranked

60983
citing authors

#	ARTICLE	IF	CITATIONS
1	The BDNF val66met Polymorphism Affects Activity-Dependent Secretion of BDNF and Human Memory and Hippocampal Function. <i>Cell</i> , 2003, 112, 257-269.	13.5	3,472
2	Implications of Normal Brain Development for the Pathogenesis of Schizophrenia. <i>Archives of General Psychiatry</i> , 1987, 44, 660.	13.8	3,463
3	Serotonin Transporter Genetic Variation and the Response of the Human Amygdala. <i>Science</i> , 2002, 297, 400-403.	6.0	2,227
4	Remission in Schizophrenia: Proposed Criteria and Rationale for Consensus. <i>American Journal of Psychiatry</i> , 2005, 162, 441-449.	4.0	1,933
5	The MATRICS Consensus Cognitive Battery, Part 1: Test Selection, Reliability, and Validity. <i>American Journal of Psychiatry</i> , 2008, 165, 203-213.	4.0	1,863
6	5-HTTLPR polymorphism impacts human cingulate-amygdala interactions: a genetic susceptibility mechanism for depression. <i>Nature Neuroscience</i> , 2005, 8, 828-834.	7.1	1,860
7	Spatio-temporal transcriptome of the human brain. <i>Nature</i> , 2011, 478, 483-489.	13.7	1,753
8	Functional Analysis of Genetic Variation in Catechol-O-Methyltransferase (COMT): Effects on mRNA, Protein, and Enzyme Activity in Postmortem Human Brain. <i>American Journal of Human Genetics</i> , 2004, 75, 807-821.	2.6	1,495
9	Intermediate phenotypes and genetic mechanisms of psychiatric disorders. <i>Nature Reviews Neuroscience</i> , 2006, 7, 818-827.	4.9	1,166
10	Hierarchical Organization of Human Cortical Networks in Health and Schizophrenia. <i>Journal of Neuroscience</i> , 2008, 28, 9239-9248.	1.7	1,138
11	Anatomical Abnormalities in the Brains of Monozygotic Twins Discordant for Schizophrenia. <i>New England Journal of Medicine</i> , 1990, 322, 789-794.	13.9	990
12	Brain-Derived Neurotrophic Factor val ⁶⁶ met Polymorphism Affects Human Memory-Related Hippocampal Activity and Predicts Memory Performance. <i>Journal of Neuroscience</i> , 2003, 23, 6690-6694.	1.7	916
13	Genome-wide association meta-analysis in 269,867 individuals identifies new genetic and functional links to intelligence. <i>Nature Genetics</i> , 2018, 50, 912-919.	9.4	893
14	Catechol O-methyltransferase val158-met genotype and individual variation in the brain response to amphetamine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6186-6191.	3.3	891
15	The distinct cognitive syndromes of Parkinson's disease: 5 year follow-up of the CamPaIGN cohort. <i>Brain</i> , 2009, 132, 2958-2969.	3.7	842
16	The Amygdala Response to Emotional Stimuli: A Comparison of Faces and Scenes. <i>NeuroImage</i> , 2002, 17, 317-323.	2.1	829
17	Approaching a consensus cognitive battery for clinical trials in schizophrenia: The NIMH-MATRICS conference to select cognitive domains and test criteria. <i>Biological Psychiatry</i> , 2004, 56, 301-307.	0.7	818
18	The Brain-Derived Neurotrophic Factor val66met Polymorphism and Variation in Human Cortical Morphology. <i>Journal of Neuroscience</i> , 2004, 24, 10099-10102.	1.7	807

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19	Neural mechanisms of genetic risk for impulsivity and violence in humans. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 6269-6274.	3.3	793
20	Genetic and physiological data implicating the new human gene G72 and the gene for D-amino acid oxidase in schizophrenia. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 13675-13680.	3.3	785
21	Common genetic variants influence human subcortical brain structures. Nature, 2015, 520, 224-229.	13.7	772
22	Neocortical modulation of the amygdala response to fearful stimuli. Biological Psychiatry, 2003, 53, 494-501.	0.7	764
23	Schizophrenia. Nature Reviews Disease Primers, 2015, 1, 15067.	18.1	724
24	Prefrontal neurons and the genetics of schizophrenia. Biological Psychiatry, 2001, 50, 825-844.	0.7	708
25	Postpubertal Emergence of Hyperresponsiveness to Stress and to Amphetamine after Neonatal Excitotoxic Hippocampal Damage: A Potential Animal Model of Schizophrenia. Neuropsychopharmacology, 1993, 9, 67-75.	2.8	669
26	Catechol-o-Methyltransferase, Cognition, and Psychosis: Val158Met and Beyond. Biological Psychiatry, 2006, 60, 141-151.	0.7	656
27	Complexity of Prefrontal Cortical Dysfunction in Schizophrenia: More Than Up or Down. American Journal of Psychiatry, 2003, 160, 2209-2215.	4.0	644
28	Temporal dynamics and genetic control of transcription in the human prefrontal cortex. Nature, 2011, 478, 519-523.	13.7	644
29	Midbrain-like Organoids from Human Pluripotent Stem Cells Contain Functional Dopaminergic and Neuromelanin-Producing Neurons. Cell Stem Cell, 2016, 19, 248-257.	5.2	628
30	Reduced prefrontal activity predicts exaggerated striatal dopaminergic function in schizophrenia. Nature Neuroscience, 2002, 5, 267-271.	7.1	603
31	Genes, dopamine and cortical signal-to-noise ratio in schizophrenia. Trends in Neurosciences, 2004, 27, 683-690.	4.2	576
32	To Model a Psychiatric Disorder in Animals Schizophrenia As a Reality Test. Neuropsychopharmacology, 2000, 23, 223-239.	2.8	567
33	Evidence for Abnormal Cortical Functional Connectivity During Working Memory in Schizophrenia. American Journal of Psychiatry, 2001, 158, 1809-1817.	4.0	537
34	Regionally Specific Disturbance of Dorsolateral Prefrontal-Hippocampal Functional Connectivity in Schizophrenia. Archives of General Psychiatry, 2005, 62, 379.	13.8	525
35	Integrative functional genomic analysis of human brain development and neuropsychiatric risks. Science, 2018, 362, .	6.0	516
36	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. Nature Communications, 2018, 9, 2098.	5.8	484

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37	Cognitive Impairments in Patients With Schizophrenia Displaying Preserved and Compromised Intellect. <i>Archives of General Psychiatry</i> , 2000, 57, 907.	13.8	479
38	Variation in DISC1 affects hippocampal structure and function and increases risk for schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 8627-8632.	3.3	479
39	Cortical maldevelopment, anti-psychotic drugs, and schizophrenia: a search for common ground. <i>Schizophrenia Research</i> , 1995, 16, 87-110.	1.1	475
40	The global cognitive impairment in schizophrenia: Consistent over decades and around the world. <i>Schizophrenia Research</i> , 2013, 150, 42-50.	1.1	472
41	The neurodevelopmental hypothesis of schizophrenia: Following a trail of evidence from cradle to grave. <i>Development and Psychopathology</i> , 2000, 12, 501-527.	1.4	453
42	A relationship between serotonin transporter genotype and in vivo protein expression and alcohol neurotoxicity. <i>Biological Psychiatry</i> , 2000, 47, 643-649.	0.7	452
43	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	6.0	450
44	Age-related alterations in default mode network: Impact on working memory performance. <i>Neurobiology of Aging</i> , 2010, 31, 839-852.	1.5	444
45	Abnormal fMRI Response of the Dorsolateral Prefrontal Cortex in Cognitively Intact Siblings of Patients With Schizophrenia. <i>American Journal of Psychiatry</i> , 2003, 160, 709-719.	4.0	417
46	Mapping DNA methylation across development, genotype and schizophrenia in the human frontal cortex. <i>Nature Neuroscience</i> , 2016, 19, 40-47.	7.1	417
47	Altering the course of schizophrenia: progress and perspectives. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 485-515.	21.5	410
48	Midbrain dopamine and prefrontal function in humans: interaction and modulation by COMT genotype. <i>Nature Neuroscience</i> , 2005, 8, 594-596.	7.1	402
49	Cognitive fitness of cost-efficient brain functional networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 11747-11752.	3.3	385
50	Variation in GRM3 affects cognition, prefrontal glutamate, and risk for schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 12604-12609.	3.3	381
51	Neuregulin 1 transcripts are differentially expressed in schizophrenia and regulated by 5' SNPs associated with the disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 6747-6752.	3.3	380
52	Genetic insights into the neurodevelopmental origins of schizophrenia. <i>Nature Reviews Neuroscience</i> , 2017, 18, 727-740.	4.9	377
53	A validated network of effective amygdala connectivity. <i>NeuroImage</i> , 2007, 36, 736-745.	2.1	360
54	Adolescent mental healthâ€”Opportunity and obligation. <i>Science</i> , 2014, 346, 547-549.	6.0	358

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55	DNA Methylation Signatures in Development and Aging of the Human Prefrontal Cortex. <i>American Journal of Human Genetics</i> , 2012, 90, 260-272.	2.6	350
56	Efficient Physical Embedding of Topologically Complex Information Processing Networks in Brains and Computer Circuits. <i>PLoS Computational Biology</i> , 2010, 6, e1000748.	1.5	340
57	Variation in dopamine genes influences responsivity of the human reward system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 617-622.	3.3	338
58	Genes and the parsing of cognitive processes. <i>Trends in Cognitive Sciences</i> , 2004, 8, 325-335.	4.0	336
59	Evidence of novel neuronal functions of dysbindin, a susceptibility gene for schizophrenia. <i>Human Molecular Genetics</i> , 2004, 13, 2699-2708.	1.4	334
60	Neonatal lesions of the rat ventral hippocampus result in hyperlocomotion and deficits in social behaviour in adulthood. <i>Psychopharmacology</i> , 1997, 132, 303-310.	1.5	320
61	Imaging genomics. <i>British Medical Bulletin</i> , 2003, 65, 259-270.	2.7	305
62	Neurophysiological correlates of age-related changes in working memory capacity. <i>Neuroscience Letters</i> , 2006, 392, 32-37.	1.0	304
63	Imaging Genetics: Perspectives from Studies of Genetically Driven Variation in Serotonin Function and Corticolimbic Affective Processing. <i>Biological Psychiatry</i> , 2006, 59, 888-897.	0.7	303
64	Genome-Wide Association Identifies a Common Variant in the Reelin Gene That Increases the Risk of Schizophrenia Only in Women. <i>PLoS Genetics</i> , 2008, 4, e28.	1.5	302
65	Developmental and genetic regulation of the human cortex transcriptome illuminate schizophrenia pathogenesis. <i>Nature Neuroscience</i> , 2018, 21, 1117-1125.	7.1	300
66	Catechol-O-Methyltransferase Genotype and Dopamine Regulation in the Human Brain. <i>Journal of Neuroscience</i> , 2003, 23, 2008-2013.	1.7	294
67	Functional Magnetic Resonance Imaging Brain Mapping in Psychiatry: Methodological Issues Illustrated in a Study of Working Memory in Schizophrenia. <i>Neuropsychopharmacology</i> , 1998, 18, 186-196.	2.8	293
68	Correction for vascular artifacts in cerebral blood flow values measured by using arterial spin tagging techniques. <i>Magnetic Resonance in Medicine</i> , 1997, 37, 226-235.	1.9	289
69	Relative risk for cognitive impairments in siblings of patients with schizophrenia. <i>Biological Psychiatry</i> , 2001, 50, 98-107.	0.7	289
70	Genetic Variation in CACNA1C Affects Brain Circuitries Related to Mental Illness. <i>Archives of General Psychiatry</i> , 2010, 67, 939.	13.8	289
71	The Effect of Clozapine on Cognition and Psychiatric Symptoms in Patients with Schizophrenia. <i>British Journal of Psychiatry</i> , 1993, 162, 43-48.	1.7	283
72	Disease-associated intronic variants in the ErbB4 gene are related to altered ErbB4 splice-variant expression in the brain in schizophrenia. <i>Human Molecular Genetics</i> , 2007, 16, 129-141.	1.4	283

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73	Interaction of COMT Val ^{108/158} Met Genotype and Olanzapine Treatment on Prefrontal Cortical Function in Patients With Schizophrenia. <i>American Journal of Psychiatry</i> , 2004, 161, 1798-1805.	4.0	281
74	Expression of GABA Signaling Molecules KCC2, NKCC1, and GAD1 in Cortical Development and Schizophrenia. <i>Journal of Neuroscience</i> , 2011, 31, 11088-11095.	1.7	279
75	Cognitive Substrates of Thought Disorder, I: The Semantic System. <i>American Journal of Psychiatry</i> , 1998, 155, 1671-1676.	4.0	276
76	Genetic Dissection of the Role of Catechol-O-Methyltransferase in Cognition and Stress Reactivity in Mice. <i>Journal of Neuroscience</i> , 2008, 28, 8709-8723.	1.7	276
77	Effects of Dextroamphetamine on Cognitive Performance and Cortical Activation. <i>NeuroImage</i> , 2000, 12, 268-275.	2.1	274
78	Effect of Catechol-O-Methyltransferase val158met Genotype on Attentional Control. <i>Journal of Neuroscience</i> , 2005, 25, 5038-5045.	1.7	274
79	Reduced Central Serotonin Transporters in Alcoholism. <i>American Journal of Psychiatry</i> , 1998, 155, 1544-1549.	4.0	263
80	Dopamine Modulates the Response of the Human Amygdala: A Study in Parkinson's Disease. <i>Journal of Neuroscience</i> , 2002, 22, 9099-9103.	1.7	261
81	Microarray analysis of gene expression in the prefrontal cortex in schizophrenia: a preliminary study. <i>Schizophrenia Research</i> , 2002, 58, 11-20.	1.1	261
82	Dopamine, the prefrontal cortex and schizophrenia. <i>Journal of Psychopharmacology</i> , 1997, 11, 123-131.	2.0	254
83	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	5.8	250
84	Quantifying incoherence in speech: An automated methodology and novel application to schizophrenia. <i>Schizophrenia Research</i> , 2007, 93, 304-316.	1.1	240
85	Modeling a Genetic Risk for Schizophrenia in iPSCs and Mice Reveals Neural Stem Cell Deficits Associated with Adherens Junctions and Polarity. <i>Cell Stem Cell</i> , 2014, 15, 79-91.	5.2	238
86	MRI Asymmetries of Broca's Area: The Pars Triangularis and Pars Opercularis. <i>Brain and Language</i> , 1998, 64, 282-296.	0.8	235
87	Impact of the DISC1 Ser704Cys polymorphism on risk for major depression, brain morphology and ERK signaling. <i>Human Molecular Genetics</i> , 2006, 15, 3024-3033.	1.4	233
88	A primate-specific, brain isoform of KCNH2 affects cortical physiology, cognition, neuronal repolarization and risk of schizophrenia. <i>Nature Medicine</i> , 2009, 15, 509-518.	15.2	232
89	In Vivo Determination of Muscarinic Acetylcholine Receptor Availability in Schizophrenia. <i>American Journal of Psychiatry</i> , 2003, 160, 118-127.	4.0	231
90	Tolcapone Improves Cognition and Cortical Information Processing in Normal Human Subjects. <i>Neuropsychopharmacology</i> , 2007, 32, 1011-1020.	2.8	219

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91	Prefrontal Broadband Noise, Working Memory, and Genetic Risk for Schizophrenia. <i>American Journal of Psychiatry</i> , 2004, 161, 490-500.	4.0	218
92	How can drug discovery for psychiatric disorders be improved?. <i>Nature Reviews Drug Discovery</i> , 2007, 6, 189-201.	21.5	217
93	Convergence of placenta biology and genetic risk for schizophrenia. <i>Nature Medicine</i> , 2018, 24, 792-801.	15.2	214
94	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	7.1	213
95	Ibotenic acid lesion of the ventral hippocampus differentially affects dopamine and its metabolites in the nucleus accumbens and prefrontal cortex in the rat. <i>Brain Research</i> , 1992, 585, 1-6.	1.1	208
96	Additive Effects of Genetic Variation in Dopamine Regulating Genes on Working Memory Cortical Activity in Human Brain. <i>Journal of Neuroscience</i> , 2006, 26, 3918-3922.	1.7	208
97	Genetic evidence implicating DARPP-32 in human frontostriatal structure, function, and cognition. <i>Journal of Clinical Investigation</i> , 2007, 117, 672-682.	3.9	205
98	Dysfunctional Prefrontal Regional Specialization and Compensation in Schizophrenia. <i>American Journal of Psychiatry</i> , 2006, 163, 1969-1977.	4.0	201
99	Interplay between DISC1 and GABA Signaling Regulates Neurogenesis in Mice and Risk for Schizophrenia. <i>Cell</i> , 2012, 148, 1051-1064.	13.5	196
100	Brain regions underlying response inhibition and interference monitoring and suppression. <i>European Journal of Neuroscience</i> , 2006, 23, 1658-1664.	1.2	195
101	Learning and memory in monozygotic twins discordant for schizophrenia. <i>Psychological Medicine</i> , 1993, 23, 71-85.	2.7	194
102	Variation of Human Amygdala Response During Threatening Stimuli as a Function of 5-HTTLPR Genotype and Personality Style. <i>Biological Psychiatry</i> , 2005, 57, 1517-1525.	0.7	194
103	Molecular and cellular reorganization of neural circuits in the human lineage. <i>Science</i> , 2017, 358, 1027-1032.	6.0	192
104	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	9.4	192
105	Regionally Specific Neuronal Pathology in Untreated Patients with Schizophrenia: A Proton Magnetic Resonance Spectroscopic Imaging Study. <i>Biological Psychiatry</i> , 1998, 43, 641-648.	0.7	191
106	Neuronal pathology in the hippocampal area of patients with bipolar disorder: a study with proton magnetic resonance spectroscopic imaging. <i>Biological Psychiatry</i> , 2003, 53, 906-913.	0.7	191
107	The fetal origins of mental illness. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 221, 549-562.	0.7	190
108	Recall memory deficit in schizophrenia. <i>Schizophrenia Research</i> , 1989, 2, 251-257.	1.1	189

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109	Neonatal Damage of the Ventral Hippocampus Impairs Working Memory in the Rat. <i>Neuropsychopharmacology</i> , 2002, 27, 47-54.	2.8	188
110	Kinetic Modeling of [11C]Raclopride: Combined PET-Microdialysis Studies. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1997, 17, 932-942.	2.4	183
111	Delayed effects of neonatal hippocampal damage on haloperidol-induced catalepsy and apomorphine-induced stereotypic behaviors in the rat. <i>Developmental Brain Research</i> , 1993, 75, 213-222.	2.1	181
112	BDNF mRNA expression in rat hippocampus and prefrontal cortex: effects of neonatal ventral hippocampal damage and antipsychotic drugs. <i>European Journal of Neuroscience</i> , 2001, 14, 135-144.	1.2	179
113	Is Gray Matter Volume an Intermediate Phenotype for Schizophrenia? A Voxel-Based Morphometry Study of Patients with Schizophrenia and Their Healthy Siblings. <i>Biological Psychiatry</i> , 2008, 63, 465-474.	0.7	179
114	Neonatal lesions of the medial temporal lobe disrupt prefrontal cortical regulation of striatal dopamine. <i>Nature</i> , 1998, 393, 169-171.	13.7	178
115	Epistasis between catechol-O-methyltransferase and type II metabotropic glutamate receptor 3 genes on working memory brain function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 12536-12541.	3.3	175
116	In Vivo Association Between Alcohol Intoxication, Aggression, and Serotonin Transporter Availability in Nonhuman Primates. <i>American Journal of Psychiatry</i> , 1998, 155, 1023-1028.	4.0	174
117	Genetic risk of neuropsychological impairment in schizophrenia: a study of monozygotic twins discordant and concordant for the disorder. <i>Schizophrenia Research</i> , 1995, 17, 77-84.	1.1	170
118	Effects of Chronic Haloperidol and Clozapine Treatment on Neurogenesis in the Adult Rat Hippocampus. <i>Neuropsychopharmacology</i> , 2004, 29, 1063-1069.	2.8	170
119	Dynamic regulation of RNA editing in human brain development and disease. <i>Nature Neuroscience</i> , 2016, 19, 1093-1099.	7.1	165
120	Probing Prefrontal Function in Schizophrenia With Neuropsychological Paradigms. <i>Schizophrenia Bulletin</i> , 1988, 14, 179-183.	2.3	164
121	Neuropsychological performance of monozygotic twins discordant for bipolar disorder. <i>Biological Psychiatry</i> , 1999, 45, 639-646.	0.7	163
122	<i>DISC1</i> splice variants are upregulated in schizophrenia and associated with risk polymorphisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15873-15878.	3.3	162
123	Relative Risk of Attention Deficits in Siblings of Patients With Schizophrenia. <i>American Journal of Psychiatry</i> , 2000, 157, 1309-1316.	4.0	161
124	Altered Cortical Network Dynamics. <i>Archives of General Psychiatry</i> , 2011, 68, 1207.	13.8	161
125	Dextroamphetamine Modulates the Response of the Human Amygdala. <i>Neuropsychopharmacology</i> , 2002, 27, 1036-1040.	2.8	160
126	Familial aspects of CT scan abnormalities in chronic schizophrenic patients. <i>Psychiatry Research</i> , 1981, 4, 65-71.	1.7	159

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127	Genetic variation in AKT1 is linked to dopamine-associated prefrontal cortical structure and function in humans. <i>Journal of Clinical Investigation</i> , 2008, 118, 2200-8.	3.9	159
128	The effect of treatment with antipsychotic drugs on brain N-acetylaspartate measures in patients with schizophrenia. <i>Biological Psychiatry</i> , 2001, 49, 39-46.	0.7	158
129	Amphetamine Modulates Human Incentive Processing. <i>Neuron</i> , 2004, 43, 261-269.	3.8	158
130	Regional Heterogeneity in Gene Expression, Regulation, and Coherence in the Frontal Cortex and Hippocampus across Development and Schizophrenia. <i>Neuron</i> , 2019, 103, 203-216.e8.	3.8	158
131	Asymmetrical volumes of the right and left frontal and occipital regions of the human brain. <i>Annals of Neurology</i> , 1982, 11, 97-100.	2.8	156
132	Finding the Elusive Psychiatric "Lesion" With 21st-Century Neuroanatomy: A Note of Caution. <i>American Journal of Psychiatry</i> , 2016, 173, 27-33.	4.0	156
133	Expression of DISC1 binding partners is reduced in schizophrenia and associated with DISC1 SNPs. <i>Human Molecular Genetics</i> , 2006, 15, 1245-1258.	1.4	154
134	Prefrontal-Hippocampal Coupling During Memory Processing Is Modulated by COMT Val158Met Genotype. <i>Biological Psychiatry</i> , 2006, 60, 1250-1258.	0.7	153
135	Association of DNA Methylation Differences With Schizophrenia in an Epigenome-Wide Association Study. <i>JAMA Psychiatry</i> , 2016, 73, 506.	6.0	151
136	Specific Relationship Between Prefrontal Neuronal N-Acetylaspartate and Activation of the Working Memory Cortical Network in Schizophrenia. <i>American Journal of Psychiatry</i> , 2000, 157, 26-33.	4.0	148
137	Intermediate phenotypes in psychiatric disorders. <i>Current Opinion in Genetics and Development</i> , 2011, 21, 340-348.	1.5	148
138	Dextroamphetamine Enhances "Neural Network-Specific" Physiological Signals: A Positron-Emission Tomography rCBF Study. <i>Journal of Neuroscience</i> , 1996, 16, 4816-4822.	1.7	147
139	Neurobiology of schizophrenia. <i>Current Opinion in Neurobiology</i> , 1997, 7, 701-707.	2.0	147
140	Uncoupling Cognitive Workload and Prefrontal Cortical Physiology: A PET rCBF Study. <i>NeuroImage</i> , 1998, 7, 296-303.	2.1	146
141	Morphometric analysis of lateral ventricles in schizophrenia and healthy controls regarding genetic and disease-specific factors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 4872-4877.	3.3	146
142	Visuospatial working memory in patients with schizophrenia. <i>Biological Psychiatry</i> , 1997, 41, 43-49.	0.7	143
143	Schizophrenia as a developmental disorder of the cerebral cortex. <i>Current Opinion in Neurobiology</i> , 1998, 8, 157-161.	2.0	143
144	Polymorphisms in the 13q33.2 gene G72/G30 are associated with childhood-onset schizophrenia and psychosis not otherwise specified. <i>Biological Psychiatry</i> , 2004, 55, 976-980.	0.7	143

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145	Developmental regulation of human cortex transcription and its clinical relevance at single base resolution. <i>Nature Neuroscience</i> , 2015, 18, 154-161.	7.1	142
146	A human-specific AS3MT isoform and BORCS7 are molecular risk factors in the 10q24.32 schizophrenia-associated locus. <i>Nature Medicine</i> , 2016, 22, 649-656.	15.2	142
147	Risk for Premenstrual Dysphoric Disorder Is Associated with Genetic Variation in ESR1, the Estrogen Receptor Alpha Gene. <i>Biological Psychiatry</i> , 2007, 62, 925-933.	0.7	140
148	Variants in the estrogen receptor alpha gene and its mRNA contribute to risk for schizophrenia. <i>Human Molecular Genetics</i> , 2008, 17, 2293-2309.	1.4	139
149	Catechol-O-methyltransferase val108/158met genotype predicts working memory response to antipsychotic medications. <i>Biological Psychiatry</i> , 2004, 56, 677-682.	0.7	137
150	Is There Cognitive Decline in Schizophrenia?. <i>British Journal of Psychiatry</i> , 1994, 164, 494-500.	1.7	135
151	A neurodevelopmental model of schizophrenia: Neonatal disconnection of the hippocampus. <i>Neurotoxicity Research</i> , 2002, 4, 469-475.	1.3	134
152	Heritability of Brain Morphology Related to Schizophrenia: A Large-Scale Automated Magnetic Resonance Imaging Segmentation Study. <i>Biological Psychiatry</i> , 2008, 63, 475-483.	0.7	134
153	Functional, structural, and metabolic abnormalities of the hippocampal formation in Williams syndrome. <i>Journal of Clinical Investigation</i> , 2005, 115, 1888-1895.	3.9	134
154	Subchronic Treatment with Haloperidol and Clozapine in Rats with Neonatal Excitotoxic Hippocampal Damage. <i>Neuropsychopharmacology</i> , 1994, 10, 199-205.	2.8	133
155	Investigation of Anatomical Thalamo-Cortical Connectivity and fMRI Activation in Schizophrenia. <i>Neuropsychopharmacology</i> , 2012, 37, 499-507.	2.8	133
156	Catechol-O-Methyltransferase Val158Met Modulation of Prefrontal-Parietal Striatal Brain Systems during Arithmetic and Temporal Transformations in Working Memory. <i>Journal of Neuroscience</i> , 2007, 27, 13393-13401.	1.7	132
157	Increased temporal lobe glucose use in chronic schizophrenic patients. <i>Biological Psychiatry</i> , 1989, 25, 835-851.	0.7	131
158	Hippocampal N-acetyl aspartate in unaffected siblings of patients with schizophrenia: a possible intermediate neurobiological phenotype. <i>Biological Psychiatry</i> , 1998, 44, 941-950.	0.7	131
159	Molecular Cloning of a Brain-specific, Developmentally Regulated Neuregulin 1 (NRG1) Isoform and Identification of a Functional Promoter Variant Associated with Schizophrenia. <i>Journal of Biological Chemistry</i> , 2007, 282, 24343-24351.	1.6	131
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