Daniel R Weinberger

List of Publications by Year
in descending order

607	89,582	299 139	451 273
papers	citations	h-index	g-index

640	640	640	54855
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The BDNF val66met Polymorphism Affects Activity-Dependent Secretion of BDNF and Human Memory and Hippocampal Function. Cell, 2003, 112, 257-269.	28.9	3,472
2	Implications of Normal Brain Development for the Pathogenesis of Schizophrenia. Archives of General Psychiatry, 1987, 44, 660.	12.3	3,463
3	Serotonin Transporter Genetic Variation and the Response of the Human Amygdala. Science, 2002, 297, 400-403.	12.6	2,227
4	Remission in Schizophrenia: Proposed Criteria and Rationale for Consensus. American Journal of Psychiatry, 2005, 162, 441-449.	7.2	1,933
5	The MATRICS Consensus Cognitive Battery, Part 1: Test Selection, Reliability, and Validity. American Journal of Psychiatry, 2008, 165, 203-213.	7.2	1,863
6	5-HTTLPR polymorphism impacts human cingulate-amygdala interactions: a genetic susceptibility mechanism for depression. Nature Neuroscience, 2005, 8, 828-834.	14.8	1,860
7	Spatio-temporal transcriptome of the human brain. Nature, 2011, 478, 483-489.	27.8	1,753
8	Functional Analysis of Genetic Variation in Catechol-O-Methyltransferase (COMT): Effects on mRNA, Protein, and Enzyme Activity in Postmortem Human Brain. American Journal of Human Genetics, 2004, 75, 807-821.	6.2	1,495
9	Intermediate phenotypes and genetic mechanisms of psychiatric disorders. Nature Reviews Neuroscience, 2006, 7, 818-827.	10.2	1,166
10	Hierarchical Organization of Human Cortical Networks in Health and Schizophrenia. Journal of Neuroscience, 2008, 28, 9239-9248.	3.6	1,138
11	Anatomical Abnormalities in the Brains of Monozygotic Twins Discordant for Schizophrenia. New England Journal of Medicine, 1990, 322, 789-794.	27.0	990
12	Brain-Derived Neurotrophic Factor val⁶⁶met Polymorphism Affects Human Memory-Related Hippocampal Activity and Predicts Memory Performance. Journal of Neuroscience, 2003, 23, 6690-6694.	3.6	916
13	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
14	Catechol O -methyltransferase val ¹⁵⁸ -met genotype and individual variation in the brain response to amphetamine. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6186-6191.	7.1	891
15	The distinct cognitive syndromes of Parkinson's disease: 5 year follow-up of the CamPaIGN cohort. Brain, 2009, 132, 2958-2969.	7.6	842
16	The Amygdala Response to Emotional Stimuli: A Comparison of Faces and Scenes. NeuroImage, 2002, 17, 317-323.	4.2	829
17	Approaching a consensus cognitive battery for clinical trials in schizophrenia: The NIMH-MATRICS conference to select cognitive domains and test criteria. Biological Psychiatry, 2004, 56, 301-307.	1.3	818
18	The Brain-Derived Neurotrophic Factor val66met Polymorphism and Variation in Human Cortical Morphology. Journal of Neuroscience, 2004, 24, 10099-10102.	3.6	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.	7.1	793
20	Genetic and physiological data implicating the new human gene G72 and the gene for <scp>d</scp> -amino acid oxidase in schizophrenia. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 13675-13680.	7.1	785
21	Common genetic variants influence human subcortical brain structures. Nature, 2015, 520, 224-229.	27.8	772
22	Neocortical modulation of the amygdala response to fearful stimuli. Biological Psychiatry, 2003, 53, 494-501.	1.3	764
23	Schizophrenia. Nature Reviews Disease Primers, 2015, 1, 15067.	30.5	724
24	Prefrontal neurons and the genetics of schizophrenia. Biological Psychiatry, 2001, 50, 825-844.	1.3	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.	5.4	669
26	Catechol-o-Methyltransferase, Cognition, and Psychosis: Val158Met and Beyond. Biological Psychiatry, 2006, 60, 141-151.	1.3	656
27	Complexity of Prefrontal Cortical Dysfunction in Schizophrenia: More Than Up or Down. American Journal of Psychiatry, 2003, 160, 2209-2215.	7.2	644
28	Temporal dynamics and genetic control of transcription in the human prefrontal cortex. Nature, 2011, 478, 519-523.	27.8	644
29	Midbrain-like Organoids from Human Pluripotent Stem Cells Contain Functional Dopaminergic and Neuromelanin-Producing Neurons. Cell Stem Cell, 2016, 19, 248-257.	11.1	628
30	Reduced prefrontal activity predicts exaggerated striatal dopaminergic function in schizophrenia. Nature Neuroscience, 2002, 5, 267-271.	14.8	603
31	Genes, dopamine and cortical signal-to-noise ratio in schizophrenia. Trends in Neurosciences, 2004, 27, 683-690.	8.6	576
32	To Model a Psychiatric Disorder in Animals Schizophrenia As a Reality Test. Neuropsychopharmacology, 2000, 23, 223-239.	5.4	567
33	Evidence for Abnormal Cortical Functional Connectivity During Working Memory in Schizophrenia. American Journal of Psychiatry, 2001, 158, 1809-1817.	7.2	537
34	Regionally Specific Disturbance of Dorsolateral Prefrontalâ€“Hippocampal Functional Connectivity in Schizophrenia. Archives of General Psychiatry, 2005, 62, 379.	12.3	525
35	Integrative functional genomic analysis of human brain development and neuropsychiatric risks. Science, 2018, 362, .	12.6	516
36	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. Nature Communications, 2018, 9, 2098.	12.8	484

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37	Cognitive Impairments in Patients With Schizophrenia Displaying Preserved and Compromised Intellect. Archives of General Psychiatry, 2000, 57, 907.	12.3	479
38	Variation in DISC1 affects hippocampal structure and function and increases risk for schizophrenia. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 8627-8632.	7.1	479
39	Cortical maldevelopment, anti-psychotic drugs, and schizophrenia: a search for common ground. Schizophrenia Research, 1995, 16, 87-110.	2.0	475
40	The global cognitive impairment in schizophrenia: Consistent over decades and around the world. Schizophrenia Research, 2013, 150, 42-50.	2.0	472
41	The neurodevelopmental hypothesis of schizophrenia: Following a trail of evidence from cradle to grave. Development and Psychopathology, 2000, 12, 501-527.	2.3	453
42	A relationship between serotonin transporter genotype and in vivo protein expression and alcohol neurotoxicity. Biological Psychiatry, 2000, 47, 643-649.	1.3	452
43	The genetic architecture of the human cerebral cortex. Science, 2020, 367, .	12.6	450
44	Age-related alterations in default mode network: Impact on working memory performance. Neurobiology of Aging, 2010, 31, 839-852.	3.1	444
45	Abnormal fMRI Response of the Dorsolateral Prefrontal Cortex in Cognitively Intact Siblings of Patients With Schizophrenia. American Journal of Psychiatry, 2003, 160, 709-719.	7.2	417
46	Mapping DNA methylation across development, genotype and schizophrenia in the human frontal cortex. Nature Neuroscience, 2016, 19, 40-47.	14.8	417
47	Altering the course of schizophrenia: progress and perspectives. Nature Reviews Drug Discovery, 2016, 15, 485-515.	46.4	410
48	Midbrain dopamine and prefrontal function in humans: interaction and modulation by COMT genotype. Nature Neuroscience, 2005, 8, 594-596.	14.8	402
49	Cognitive fitness of cost-efficient brain functional networks. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 11747-11752.	7.1	385
50	Variation in GRM3 affects cognition, prefrontal glutamate, and risk for schizophrenia. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 12604-12609.	7.1	381
51	Neuregulin 1 transcripts are differentially expressed in schizophrenia and regulated by 5â€² SNPs associated with the disease. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 6747-6752.	7.1	380
52	Genetic insights into the neurodevelopmental origins of schizophrenia. Nature Reviews Neuroscience, 2017, 18, 727-740.	10.2	377
53	A validated network of effective amygdala connectivity. NeuroImage, 2007, 36, 736-745.	4.2	360
54	Adolescent mental healthâ€”Opportunity and obligation. Science, 2014, 346, 547-549.	12.6	358

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55	DNA Methylation Signatures in Development and Aging of the Human Prefrontal Cortex. American Journal of Human Genetics, 2012, 90, 260-272.	6.2	350
56	Efficient Physical Embedding of Topologically Complex Information Processing Networks in Brains and Computer Circuits. PLoS Computational Biology, 2010, 6, e1000748.	3.2	340
57	Variation in dopamine genes influences responsivity of the human reward system. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 617-622.	7.1	338
58	Genes and the parsing of cognitive processes. Trends in Cognitive Sciences, 2004, 8, 325-335.	7.8	336
59	Evidence of novel neuronal functions of dysbindin, a susceptibility gene for schizophrenia. Human Molecular Genetics, 2004, 13, 2699-2708.	2.9	334
60	Neonatal lesions of the rat ventral hippocampus result in hyperlocomotion and deficits in social behaviour in adulthood. Psychopharmacology, 1997, 132, 303-310.	3.1	320
61	Imaging genomics. British Medical Bulletin, 2003, 65, 259-270.	6.9	305
62	Neurophysiological correlates of age-related changes in working memory capacity. Neuroscience Letters, 2006, 392, 32-37.	2.1	304
63	Imaging Genetics: Perspectives from Studies of Genetically Driven Variation in Serotonin Function and Corticolimbic Affective Processing. Biological Psychiatry, 2006, 59, 888-897.	1.3	303
64	Genome-Wide Association Identifies a Common Variant in the Reelin Gene That Increases the Risk of Schizophrenia Only in Women. PLoS Genetics, 2008, 4, e28.	3.5	302
65	Developmental and genetic regulation of the human cortex transcriptome illuminate schizophrenia pathogenesis. Nature Neuroscience, 2018, 21, 1117-1125.	14.8	300
66	Catechol-O-Methyltransferase Genotype and Dopamine Regulation in the Human Brain. Journal of Neuroscience, 2003, 23, 2008-2013.	3.6	294
67	Functional Magnetic Resonance Imaging Brain Mapping in Psychiatry: Methodological Issues Illustrated in a Study of Working Memory in Schizophrenia. Neuropsychopharmacology, 1998, 18, 186-196.	5.4	293
68	Correction for vascular artifacts in cerebral blood flow values measured by using arterial spin tagging techniques. Magnetic Resonance in Medicine, 1997, 37, 226-235.	3.0	289
69	Relative risk for cognitive impairments in siblings of patients with schizophrenia. Biological Psychiatry, 2001, 50, 98-107.	1.3	289
70	Genetic Variation in CACNA1C Affects Brain Circuitries Related to Mental Illness. Archives of General Psychiatry, 2010, 67, 939.	12.3	289
71	The Effect of Clozapine on Cognition and Psychiatric Symptoms in Patients with Schizophrenia. British Journal of Psychiatry, 1993, 162, 43-48.	2.8	283
72	Disease-associated intronic variants in the ErbB4 gene are related to altered ErbB4 splice-variant expression in the brain in schizophrenia. Human Molecular Genetics, 2007, 16, 129-141.	2.9	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. American Journal of Psychiatry, 2004, 161, 1798-1805.	7.2	281
74	Expression of GABA Signaling Molecules KCC2, NKCC1, and GAD1 in Cortical Development and Schizophrenia. Journal of Neuroscience, 2011, 31, 11088-11095.	3.6	279
75	Cognitive Substrates of Thought Disorder, I: The Semantic System. American Journal of Psychiatry, 1998, 155, 1671-1676.	7.2	276
76	Genetic Dissection of the Role of Catechol-O-Methyltransferase in Cognition and Stress Reactivity in Mice. Journal of Neuroscience, 2008, 28, 8709-8723.	3.6	276
77	Effects of Dextroamphetamine on Cognitive Performance and Cortical Activation. NeuroImage, 2000, 12, 268-275.	4.2	274
78	Effect of Catechol-O-Methyltransferase val158met Genotype on Attentional Control. Journal of Neuroscience, 2005, 25, 5038-5045.	3.6	274
79	Reduced Central Serotonin Transporters in Alcoholism. American Journal of Psychiatry, 1998, 155, 1544-1549.	7.2	263
80	Dopamine Modulates the Response of the Human Amygdala: A Study in Parkinson's Disease. Journal of Neuroscience, 2002, 22, 9099-9103.	3.6	261
81	Microarray analysis of gene expression in the prefrontal cortex in schizophrenia: a preliminary study. Schizophrenia Research, 2002, 58, 11-20.	2.0	261
82	Dopamine, the prefrontal cortex and schizophrenia. Journal of Psychopharmacology, 1997, 11, 123-131.	4.0	254
83	Novel genetic loci associated with hippocampal volume. Nature Communications, 2017, 8, 13624.	12.8	250
84	Quantifying incoherence in speech: An automated methodology and novel application to schizophrenia. Schizophrenia Research, 2007, 93, 304-316.	2.0	240
85	Modeling a Genetic Risk for Schizophrenia in iPSCs and Mice Reveals Neural Stem Cell Deficits Associated with Adherens Junctions and Polarity. Cell Stem Cell, 2014, 15, 79-91.	11.1	238
86	MRI Asymmetries of Broca's Area: The Pars Triangularis and Pars Opercularis. Brain and Language, 1998, 64, 282-296.	1.6	235
87	Impact of the DISC1 Ser704Cys polymorphism on risk for major depression, brain morphology and ERK signaling. Human Molecular Genetics, 2006, 15, 3024-3033.	2.9	233
88	A primate-specific, brain isoform of KCNH2 affects cortical physiology, cognition, neuronal repolarization and risk of schizophrenia. Nature Medicine, 2009, 15, 509-518.	30.7	232
89	In Vivo Determination of Muscarinic Acetylcholine Receptor Availability in Schizophrenia. American Journal of Psychiatry, 2003, 160, 118-127.	7.2	231
90	Tolcapone Improves Cognition and Cortical Information Processing in Normal Human Subjects. Neuropsychopharmacology, 2007, 32, 1011-1020.	5.4	219

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91	Prefrontal Broadband Noise, Working Memory, and Genetic Risk for Schizophrenia. American Journal of Psychiatry, 2004, 161, 490-500.	7.2	218
92	How can drug discovery for psychiatric disorders be improved?. Nature Reviews Drug Discovery, 2007, 6, 189-201.	46.4	217
93	Convergence of placenta biology and genetic risk for schizophrenia. Nature Medicine, 2018, 24, 792-801.	30.7	214
94	Novel genetic loci underlying human intracranial volume identified through genome-wide association. Nature Neuroscience, 2016, 19, 1569-1582.	14.8	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. Brain Research, 1992, 585, 1-6.	2.2	208
96	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
97	Genetic evidence implicating DARPP-32 in human frontostriatal structure, function, and cognition. Journal of Clinical Investigation, 2007, 117, 672-682.	8.2	205
98	Dysfunctional Prefrontal Regional Specialization and Compensation in Schizophrenia. American Journal of Psychiatry, 2006, 163, 1969-1977.	7.2	201
99	Interplay between DISC1 and GABA Signaling Regulates Neurogenesis in Mice and Risk for Schizophrenia. Cell, 2012, 148, 1051-1064.	28.9	196
100	Brain regions underlying response inhibition and interference monitoring and suppression. European Journal of Neuroscience, 2006, 23, 1658-1664.	2.6	195
101	Learning and memory in monozygotic twins discordant for schizophrenia. Psychological Medicine, 1993, 23, 71-85.	4.5	194
102	Variation of Human Amygdala Response During Threatening Stimuli as a Function of 5â€²HTTLPR Genotype and Personality Style. Biological Psychiatry, 2005, 57, 1517-1525.	1.3	194
103	Molecular and cellular reorganization of neural circuits in the human lineage. Science, 2017, 358, 1027-1032.	12.6	192
104	Genetic architecture of subcortical brain structures in 38,851 individuals. Nature Genetics, 2019, 51, 1624-1636.	21.4	192
105	Regionally Specific Neuronal Pathology in Untreated Patients with Schizophrenia: A Proton Magnetic Resonance Spectroscopic Imaging Study. Biological Psychiatry, 1998, 43, 641-648.	1.3	191
106	Neuronal pathology in the hippocampal area of patients with bipolar disorder: a study with proton magnetic resonance spectroscopic imaging. Biological Psychiatry, 2003, 53, 906-913.	1.3	191
107	The fetal origins of mental illness. American Journal of Obstetrics and Gynecology, 2019, 221, 549-562.	1.3	190
108	Recall memory deficit in schizophrenia. Schizophrenia Research, 1989, 2, 251-257.	2.0	189

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109	Neonatal Damage of the Ventral Hippocampus Impairs Working Memory in the Rat. Neuropsychopharmacology, 2002, 27, 47-54.	5.4	188
110	Kinetic Modeling of [11C]Raclopride: Combined PET-Microdialysis Studies. Journal of Cerebral Blood Flow and Metabolism, 1997, 17, 932-942.	4.3	183
111	Delayed effects of neonatal hippocampal damage on haloperidol-induced catalepsy and apomorphine-induced stereotypic behaviors in the rat. Developmental Brain Research, 1993, 75, 213-222.	1.7	181
112	BDNF mRNA expression in rat hippocampus and prefrontal cortex: effects of neonatal ventral hippocampal damage and antipsychotic drugs. European Journal of Neuroscience, 2001, 14, 135-144.	2.6	179
113	Is Gray Matter Volume an Intermediate Phenotype for Schizophrenia? A Voxel-Based Morphometry Study of Patients with Schizophrenia and Their Healthy Siblings. Biological Psychiatry, 2008, 63, 465-474.	1.3	179
114	Neonatal lesions of the medial temporal lobe disrupt prefrontal cortical regulation of striatal dopamine. Nature, 1998, 393, 169-171.	27.8	178
115	Epistasis between catechol- O -methyltransferase and type II metabotropic glutamate receptor 3 genes on working memory brain function. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12536-12541.	7.1	175
116	In Vivo Association Between Alcohol Intoxication, Aggression, and Serotonin Transporter Availability in Nonhuman Primates. American Journal of Psychiatry, 1998, 155, 1023-1028.	7.2	174
117	Genetic risk of neuropsychological impairment in schizophrenia: a study of monozygotic twins discordant and concordant for the disorder. Schizophrenia Research, 1995, 17, 77-84.	2.0	170
118	Effects of Chronic Haloperidol and Clozapine Treatment on Neurogenesis in the Adult Rat Hippocampus. Neuropsychopharmacology, 2004, 29, 1063-1069.	5.4	170
119	Dynamic regulation of RNA editing in human brain development and disease. Nature Neuroscience, 2016, 19, 1093-1099.	14.8	165
120	Probing Prefrontal Function in Schizophrenia With Neuropsychological Paradigms. Schizophrenia Bulletin, 1988, 14, 179-183.	4.3	164
121	Neuropsychological performance of monozygotic twins discordant for bipolar disorder. Biological Psychiatry, 1999, 45, 639-646.	1.3	163
122	DISC1 splice variants are upregulated in schizophrenia and associated with risk polymorphisms. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15873-15878.	7.1	162
123	Relative Risk of Attention Deficits in Siblings of Patients With Schizophrenia. American Journal of Psychiatry, 2000, 157, 1309-1316.	7.2	161
124	Altered Cortical Network Dynamics. Archives of General Psychiatry, 2011, 68, 1207.	12.3	161
125	Dextroamphetamine Modulates the Response of the Human Amygdala. Neuropsychopharmacology, 2002, 27, 1036-1040.	5.4	160
126	Familial aspects of CT scan abnormalities in chronic schizophrenic patients. Psychiatry Research, 1981, 4, 65-71.	3.3	159

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127	Genetic variation in AKT1 is linked to dopamine-associated prefrontal cortical structure and function in humans. Journal of Clinical Investigation, 2008, 118, 2200-8.	8.2	159
128	The effect of treatment with antipsychotic drugs on brain N-acetylaspartate measures in patients with schizophrenia. Biological Psychiatry, 2001, 49, 39-46.	1.3	158
129	Amphetamine Modulates Human Incentive Processing. Neuron, 2004, 43, 261-269.	8.1	158
130	Regional Heterogeneity in Gene Expression, Regulation, and Coherence in the Frontal Cortex and Hippocampus across Development and Schizophrenia. Neuron, 2019, 103, 203-216.e8.	8.1	158
131	Asymmetrical volumes of the right and left frontal and occipital regions of the human brain. Annals of Neurology, 1982, 11, 97-100.	5.3	156
132	Finding the Elusive Psychiatric â€œLesionâ€•With 21st-Century Neuroanatomy: A Note of Caution. American Journal of Psychiatry, 2016, 173, 27-33.	7.2	156
133	Expression of DISC1 binding partners is reduced in schizophrenia and associated with DISC1 SNPs. Human Molecular Genetics, 2006, 15, 1245-1258.	2.9	154
134	Prefrontal-Hippocampal Coupling During Memory Processing Is Modulated by COMT Val158Met Genotype. Biological Psychiatry, 2006, 60, 1250-1258.	1.3	153
135	Association of DNA Methylation Differences With Schizophrenia in an Epigenome-Wide Association Study. JAMA Psychiatry, 2016, 73, 506.	11.0	151
136	Specific Relationship Between Prefrontal NeuronalN-Acetylaspartate and Activation of the Working Memory Cortical Network in Schizophrenia. American Journal of Psychiatry, 2000, 157, 26-33.	7.2	148
137	Intermediate phenotypes in psychiatric disorders. Current Opinion in Genetics and Development, 2011, 21, 340-348.	3.3	148
138	Dextroamphetamine Enhances â€œNeural Network-Specificâ€•Physiological Signals: A Positron-Emission Tomography rCBF Study. Journal of Neuroscience, 1996, 16, 4816-4822.	3.6	147
139	Neurobiology of schizophrenia. Current Opinion in Neurobiology, 1997, 7, 701-707.	4.2	147
140	Uncoupling Cognitive Workload and Prefrontal Cortical Physiology: A PET rCBF Study. NeuroImage, 1998, 7, 296-303.	4.2	146
141	Morphometric analysis of lateral ventricles in schizophrenia and healthy controls regarding genetic and disease-specific factors. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4872-4877.	7.1	146
142	Visuospatial working memory in patients with schizophrenia. Biological Psychiatry, 1997, 41, 43-49.	1.3	143
143	Schizophrenia as a developmental disorder of the cerebral cortex. Current Opinion in Neurobiology, 1998, 8, 157-161.	4.2	143
144	Polymorphisms in the 13q33.2 gene G72/G30 are associated with childhood-onset schizophrenia and psychosis not otherwise specified. Biological Psychiatry, 2004, 55, 976-980.	1.3	143

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145	Developmental regulation of human cortex transcription and its clinical relevance at single base resolution. Nature Neuroscience, 2015, 18, 154-161.	14.8	142
146	A human-specific AS3MT isoform and BORCS7 are molecular risk factors in the 10q24.32 schizophrenia-associated locus. Nature Medicine, 2016, 22, 649-656.	30.7	142
147	Risk for Premenstrual Dysphoric Disorder Is Associated with Genetic Variation in ESR1, the Estrogen Receptor Alpha Gene. Biological Psychiatry, 2007, 62, 925-933.	1.3	140
148	Variants in the estrogen receptor alpha gene and its mRNA contribute to risk for schizophrenia. Human Molecular Genetics, 2008, 17, 2293-2309.	2.9	139
149	Catechol-O-methyltransferase val108/158met genotype predicts working memory response to antipsychotic medications. Biological Psychiatry, 2004, 56, 677-682.	1.3	137
150	Is There Cognitive Decline in Schizophrenia?. British Journal of Psychiatry, 1994, 164, 494-500.	2.8	135
151	A neurodevelopmental model of schizophrenia: Neonatal disconnection of the hippocampus. Neurotoxicity Research, 2002, 4, 469-475.	2.7	134
152	Heritability of Brain Morphology Related to Schizophrenia: A Large-Scale Automated Magnetic Resonance Imaging Segmentation Study. Biological Psychiatry, 2008, 63, 475-483.	1.3	134
153	Functional, structural, and metabolic abnormalities of the hippocampal formation in Williams syndrome. Journal of Clinical Investigation, 2005, 115, 1888-1895.	8.2	134
154	Subchronic Treatment with Haloperidol and Clozapine in Rats with Neonatal Excitotoxic Hippocampal Damage. Neuropsychopharmacology, 1994, 10, 199-205.	5.4	133
155	Investigation of Anatomical Thalamo-Cortical Connectivity and fMRI Activation in Schizophrenia. Neuropsychopharmacology, 2012, 37, 499-507.	5.4	133
156	Catechol-O-Methyltransferase Val158Met Modulation of Prefrontalâ€“Parietalâ€“Striatal Brain Systems during Arithmetic and Temporal Transformations in Working Memory. Journal of Neuroscience, 2007, 27, 13393-13401.	3.6	132
157	Increased temporal lobe glucose use in chronic schizophrenic patients. Biological Psychiatry, 1989, 25, 835-851.	1.3	131
158	Hippocampal N-acetyl aspartate in unaffected siblings of patients with schizophrenia: a possible intermediate neurobiological phenotype. Biological Psychiatry, 1998, 44, 941-950.	1.3	131
159	Molecular Cloning of a Brain-specific, Developmentally Regulated Neuregulin 1 (NRG1) Isoform and Identification of a Functional Promoter Variant Associated with Schizophrenia. Journal of Biological Chemistry, 2007, 282, 24343-24351.	3.4	131
160	Functional changes in the activity of brain regions underlying emotion processing in the elderly. Psychiatry Research - Neuroimaging, 2005, 139, 9-18.	1.8	130
161	Evidence for statistical epistasis between catechol-O-methyltransferase (COMT) and polymorphisms in RGS4, G72 (DAOA), GRM3, and DISC1: influence on risk of schizophrenia. Human Genetics, 2007, 120, 889-906.	3.8	130
162	Role of dysbindin in dopamine receptor trafficking and cortical GABA function. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 19593-19598.	7.1	129

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163	MicroSNiPer: a web tool for prediction of SNP effects on putative microRNA targets. Human Mutation, 2010, 31, 1223-1232.	2.5	129
164	Functional and effective frontotemporal connectivity and genetic risk for schizophrenia. Biological Psychiatry, 2003, 54, 1181-1192.	1.3	128
165	Operant conditioning and the orbitofrontal cortex in schizophrenic patients: unexpected evidence for intact functioning. Schizophrenia Research, 1998, 30, 169-174.	2.0	127
166	Localization of epidermal growth factor receptors and putative neuroblasts in human subependymal zone. Journal of Comparative Neurology, 2000, 423, 359-372.	1.6	127
167	The G72/G30 Gene Complex and Cognitive Abnormalities in Schizophrenia. Neuropsychopharmacology, 2006, 31, 2022-2032.	5.4	127
168	Neuregulin 1-ErbB4-PI3K signaling in schizophrenia and phosphoinositide 3-kinase-p110Î´ inhibition as a potential therapeutic strategy. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12165-12170.	7.1	127
169	The Distribution of Cerebral Muscarinic Acetylcholine Receptors In Vivo in Patients With Dementia. Archives of Neurology, 1991, 48, 169.	4.5	126
170	Catechol O-Methyltransferase (COMT) mRNA Expression in the Dorsolateral Prefrontal Cortex of Patients with Schizophrenia. Neuropsychopharmacology, 2003, 28, 1521-1530.	5.4	126
171	COMT genotype predicts BOLD signal and noise characteristics in prefrontal circuits. NeuroImage, 2006, 32, 1722-1732.	4.2	126
172	Effect of ibotenic acid lesions of the medial prefrontal cortex on amphetamine-induced locomotion and regional brain catecholamine concentrations in the rat. Brain Research, 1990, 534, 263-272.	2.2	124
173	The Complement System in Schizophrenia. Drug News and Perspectives, 2008, 21, 200.	1.5	123
174	Relations between neuropsychological performance and brain morphological and physiological measures in monozygotic twins discordant for schizophrenia. Psychiatry Research - Neuroimaging, 1994, 55, 51-61.	1.8	122
175	Psychomotor slowing, negative symptoms and dopamine receptor availabilityâ€"an IBZM SPECT study in neuroleptic-treated and drug-free schizophrenic patients. Schizophrenia Research, 1998, 31, 19-26.	2.0	122
176	Serotonin Transporter Genotype (5-HTTLPR): Effects of Neutral and Undefined Conditions on Amygdala Activation. Biological Psychiatry, 2007, 61, 1011-1014.	1.3	122
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