Ryota Hashimoto

List of Publications by Year in descending order

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375 papers 19,606 citations

14653 66 h-index 19188 118 g-index

395 all docs 395 docs citations

times ranked

395

21883 citing authors

#	Article	IF	CITATIONS
1	Subcortical brain volume abnormalities in 2028 individuals with schizophrenia and 2540 healthy controls via the ENIGMA consortium. Molecular Psychiatry, 2016, 21, 547-553.	7.9	820
2	Common genetic variants influence human subcortical brain structures. Nature, 2015, 520, 224-229.	27.8	772
3	Searching for a consensus five-factor model of the Positive and Negative Syndrome Scale for schizophrenia. Schizophrenia Research, 2012, 137, 246-250.	2.0	648
4	Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. Biological Psychiatry, 2018, 84, 644-654.	1.3	627
5	Widespread white matter microstructural differences in schizophrenia across 4322 individuals: results from the ENIGMA Schizophrenia DTI Working Group. Molecular Psychiatry, 2018, 23, 1261-1269.	7.9	522
6	The genetic architecture of the human cerebral cortex. Science, 2020, 367, .	12.6	450
7	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
8	Evidence of novel neuronal functions of dysbindin, a susceptibility gene for schizophrenia. Human Molecular Genetics, 2004, 13, 2699-2708.	2.9	334
9	Human Dysbindin (DTNBP1) Gene Expression inNormal Brain and in Schizophrenic Prefrontal Cortex and Midbrain. Archives of General Psychiatry, 2004, 61, 544.	12.3	331
10	Genetic variants associated with response to lithium treatment in bipolar disorder: a genome-wide association study. Lancet, The, 2016, 387, 1085-1093.	13.7	306
11	Abnormal asymmetries in subcortical brain volume in schizophrenia. Molecular Psychiatry, 2016, 21, 1460-1466.	7.9	300
12	Lithium protection against glutamate excitotoxicity in rat cerebral cortical neurons: involvement of NMDA receptor inhibition possibly by decreasing NR2B tyrosine phosphorylation. Journal of Neurochemistry, 2002, 80, 589-597.	3.9	299
13	Expression analysis of neuregulin-1 in the dorsolateral prefrontal cortex in schizophrenia. Molecular Psychiatry, 2004, 9, 299-307.	7.9	267
14	Novel genetic loci associated with hippocampal volume. Nature Communications, 2017, 8, 13624.	12.8	250
15	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
16	Lithium induces brain-derived neurotrophic factor and activates TrkB in rodent cortical neurons: An essential step for neuroprotection against glutamate excitotoxicity. Neuropharmacology, 2002, 43, 1173-1179.	4.1	230
17	The DYRK1A gene, encoded in chromosome 21 Down syndrome critical region, bridges between î²-amyloid production and tau phosphorylation in Alzheimer disease. Human Molecular Genetics, 2007, 16, 15-23.	2.9	226
18	Neuroprotective effects of lithium in cultured cells and animal models of diseases. Bipolar Disorders, 2002, 4, 129-136.	1.9	218

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19	Convergence of placenta biology and genetic risk for schizophrenia. Nature Medicine, 2018, 24, 792-801.	30.7	214
20	Novel genetic loci underlying human intracranial volume identified through genome-wide association. Nature Neuroscience, 2016, 19, 1569-1582.	14.8	213
21	Comparative Analyses of Copy-Number Variation in Autism Spectrum Disorder and Schizophrenia Reveal Etiological Overlap and Biological Insights. Cell Reports, 2018, 24, 2838-2856.	6.4	177
22	Two genetic variants of CD38 in subjects with autism spectrum disorder and controls. Neuroscience Research, 2010, 67, 181-191.	1.9	176
23	ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. Neurolmage, 2017, 145, 389-408.	4.2	173
24	White matter microstructural alterations across four major psychiatric disorders: mega-analysis study in 2937 individuals. Molecular Psychiatry, 2020, 25, 883-895.	7.9	170
25	A genome-wide association study identifies two novel susceptibility loci and trans population polygenicity associated with bipolar disorder. Molecular Psychiatry, 2018, 23, 639-647.	7.9	159
26	Assessment of Response to Lithium Maintenance Treatment in Bipolar Disorder: A Consortium on Lithium Genetics (ConLiGen) Report. PLoS ONE, 2013, 8, e65636.	2.5	156
27	Genome-Wide Association Study of Schizophrenia in a Japanese Population. Biological Psychiatry, 2011, 69, 472-478.	1.3	152
28	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. Brain Imaging and Behavior, 2017, 11, 1497-1514.	2.1	144
29	The association between the Val158Met polymorphism of the catechol-O-methyl transferase gene and morphological abnormalities of the brain in chronic schizophrenia. Brain, 2006, 129, 399-410.	7.6	142
30	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. JAMA Psychiatry, 2021, 78, 47.	11.0	136
31	The International Consortium on Lithium Genetics (ConLiGen): An Initiative by the NIMH and IGSLI to Study the Genetic Basis of Response to Lithium Treatment. Neuropsychobiology, 2010, 62, 72-78.	1.9	134
32	Pituitary adenylate cyclase-activating polypeptide is associated with schizophrenia. Molecular Psychiatry, 2007, 12, 1026-1032.	7.9	133
33	Integrative Analyses of De Novo Mutations Provide Deeper Biological Insights into Autism Spectrum Disorder. Cell Reports, 2018, 22, 734-747.	6.4	132
34	Progressive changes of white matter integrity in schizophrenia revealed by diffusion tensor imaging. Psychiatry Research - Neuroimaging, 2007, 154, 133-145.	1.8	127
35	The Val66Met polymorphism of the brain-derived neurotrophic factor gene affects age-related brain morphology. Neuroscience Letters, 2006, 397, 25-29.	2.1	123
36	Prefrontal cortical thinning links to negative symptoms in schizophrenia via the ENIGMA consortium. Psychological Medicine, 2018, 48, 82-94.	4.5	121

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37	Antipsychotic medication and cognitive function in schizophrenia. Schizophrenia Research, 2006, 86, 138-146.	2.0	119
38	Valproic acid, a mood stabilizer and anticonvulsant, protects rat cerebral cortical neurons from spontaneous cell death: a role of histone deacetylase inhibition. FEBS Letters, 2003, 542, 74-78.	2.8	111
39	Impaired long-term memory retention and working memory in sdy mutant mice with a deletion in Dtnbp1, a susceptibility gene for schizophrenia. Molecular Brain, 2008, $1,11.$	2.6	111
40	Regulation of Notch Signaling by Dynamic Changes in the Precision of S3 Cleavage of Notch-1. Molecular and Cellular Biology, 2008, 28, 165-176.	2.3	110
41	Genome-Wide Association Study Detected Novel Susceptibility Genes for Schizophrenia and Shared Trans-Populations/Diseases Genetic Effect. Schizophrenia Bulletin, 2019, 45, 824-834.	4.3	109
42	High-Speed and Scalable Whole-Brain Imaging in Rodents and Primates. Neuron, 2017, 94, 1085-1100.e6.	8.1	108
43	Direct induction of ramified microglia-like cells from human monocytes: Dynamic microglial dysfunction in Nasu-Hakola disease. Scientific Reports, 2014, 4, 4957.	3.3	107
44	High-resolution copy number variation analysis of schizophrenia in Japan. Molecular Psychiatry, 2017, 22, 430-440.	7.9	104
45	Plasma Metabolites Predict Severity of Depression and Suicidal Ideation in Psychiatric Patients-A Multicenter Pilot Analysis. PLoS ONE, 2016, 11, e0165267.	2.5	103
46	Association of Polygenic Score for Schizophrenia and HLA Antigen and Inflammation Genes With Response to Lithium in Bipolar Affective Disorder. JAMA Psychiatry, 2018, 75, 65-74.	11.0	102
47	Behavioral abnormalities and dopamine reductions in sdy mutant mice with a deletion in Dtnbp1, a susceptibility gene for schizophrenia. Biochemical and Biophysical Research Communications, 2008, 373, 298-302.	2.1	101
48	Identification of Novel Candidate Genes for Treatment Response to Risperidone and Susceptibility for Schizophrenia: Integrated Analysis Among Pharmacogenomics, Mouse Expression, and Genetic Case-Control Association Approaches. Biological Psychiatry, 2010, 67, 263-269.	1.3	97
49	Lithium stimulates progenitor proliferation in cultured brain neurons. Neuroscience, 2003, 117, 55-61.	2.3	93
50	Genomewide High-Density SNP Linkage Analysis of 236 Japanese Families Supports the Existence of Schizophrenia Susceptibility Loci on Chromosomes 1p, 14q, and 20p. American Journal of Human Genetics, 2005, 77, 937-944.	6.2	92
51	No association between the Val66Met polymorphism of the brain-derived neurotrophic factor gene and bipolar disorder in a Japanese population: A multicenter study. Biological Psychiatry, 2004, 56, 376-378.	1.3	91
52	Whole-exome sequencing and neurite outgrowth analysis in autism spectrum disorder. Journal of Human Genetics, 2016, 61, 199-206.	2.3	91
53	Depressionâ€like behavior in the forced swimming test in PACAPâ€deficient mice: amelioration by the atypical antipsychotic risperidone. Journal of Neurochemistry, 2009, 110, 595-602.	3.9	90
54	Plasma levels of mature brain-derived neurotrophic factor (BDNF) and matrix metalloproteinase-9 (MMP-9) in treatment-resistant schizophrenia treated with clozapine. Neuroscience Letters, 2013, 556, 37-41.	2.1	88

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55	Meta-analyses of Blood Homocysteine Levels for Gender and Genetic Association Studies of the MTHFR C677T Polymorphism in Schizophrenia. Schizophrenia Bulletin, 2014, 40, 1154-1163.	4.3	88
56	Positive symptoms associate with cortical thinning in the superior temporal gyrus via the ENIGMA Schizophrenia consortium. Acta Psychiatrica Scandinavica, 2017, 135, 439-447.	4.5	80
57	Psychostimulant-Induced Attenuation of Hyperactivity and Prepulse Inhibition Deficits in Adcyap1-Deficient Mice. Journal of Neuroscience, 2006, 26, 5091-5097.	3.6	79
58	Plasma levels of vascular endothelial growth factor and fibroblast growth factor 2 in patients with major depressive disorders. Journal of Neural Transmission, 2010, 117, 1119-1122.	2.8	77
59	Resequencing and Association Analysis of the KALRN and EPHB1 Genes And Their Contribution to Schizophrenia Susceptibility. Schizophrenia Bulletin, 2012, 38, 552-560.	4.3	74
60	The 28â€amino acid form of an APLP1â€derived Aβâ€like peptide is a surrogate marker for Aβ42 production in the central nervous system. EMBO Molecular Medicine, 2009, 1, 223-235.	6.9	72
61	Pharmacogenomic Study of Clozapine-Induced Agranulocytosis/Granulocytopenia in a Japanese Population. Biological Psychiatry, 2016, 80, 636-642.	1.3	72
62	Enriched environments influence depression-related behavior in adult mice and the survival of newborn cells in their hippocampi. Behavioural Brain Research, 2007, 180, 69-76.	2.2	71
63	PACAP is Implicated in the Stress Axes. Current Pharmaceutical Design, 2011, 17, 985-989.	1.9	71
64	Role of subcortical structures on cognitive and social function in schizophrenia. Scientific Reports, 2018, 8, 1183.	3.3	70
65	Dose-dependent effect of the Val66Met polymorphism of the brain-derived neurotrophic factor gene on memory-related hippocampal activity. Neuroscience Research, 2008, 61, 360-367.	1.9	69
66	Distribution of Rho-Kinase in the Bovine Brain. Biochemical and Biophysical Research Communications, 1999, 263, 575-579.	2.1	68
67	Personality in schizophrenia assessed with the Temperament and Character Inventory (TCI). Psychiatry Research, 2008, 160, 175-183.	3.3	68
68	A complex polymorphic region in the brain-derived neurotrophic factor (BDNF) gene confers susceptibility to bipolar disorder and affects transcriptional activity. Molecular Psychiatry, 2006, 11, 695-703.	7.9	66
69	Glutamate Networks Implicate Cognitive Impairments in Schizophrenia: Genome-Wide Association Studies of 52 Cognitive Phenotypes. Schizophrenia Bulletin, 2015, 41, 909-918.	4.3	65
70	Tau protein is a potential biological marker for normal pressure hydrocephalus. Psychiatry and Clinical Neurosciences, 2000, 54, 199-202.	1.8	64
71	Lithiumâ€induced inhibition of Src tyrosine kinase in rat cerebral cortical neurons: a role in neuroprotection against <i>N</i> à€methylâ€ <scp>D</scp> â€aspartate receptorâ€mediated excitotoxicity. FEBS Letters, 2003, 538, 145-148.	2.8	64
72	Laughter and humor as complementary and alternative medicines for dementia patients. BMC Complementary and Alternative Medicine, 2010, 10, 28.	3.7	61

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73	Eye movement as a biomarker of schizophrenia: Using an integrated eye movement score. Psychiatry and Clinical Neurosciences, 2017, 71, 104-114.	1.8	61
74	Site-Specific Phosphorylation of Neurofilament-L Is Mediated by Calcium/Calmodulin-Dependent Protein Kinase II in the Apical Dendrites During Long-Term Potentiation. Journal of Neurochemistry, 2001, 75, 373-382.	3.9	60
75	Hyperactivation of midbrain dopaminergic system in schizophrenia could be attributed to the down-regulation of dysbindin. Biochemical and Biophysical Research Communications, 2006, 345, 904-909.	2.1	60
76	Dietary Intake of Sulforaphane-Rich Broccoli Sprout Extracts during Juvenile and Adolescence Can Prevent Phencyclidine-Induced Cognitive Deficits at Adulthood. PLoS ONE, 2015, 10, e0127244.	2.5	60
77	Evidence for Shared Genetic Risk Between Methamphetamine-Induced Psychosis and Schizophrenia. Neuropsychopharmacology, 2013, 38, 1864-1870.	5.4	59
78	Pathogenic POGZ mutation causes impaired cortical development and reversible autism-like phenotypes. Nature Communications, 2020, 11, 859.	12.8	59
79	The impact of a genomeâ€wide supported psychosis variant in the <i>ZNF804A</i> gene on memory function in schizophrenia. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2010, 153B, 1459-1464.	1.7	57
80	Personality traits and schizophrenia: evidence from a case–control study and meta-analysis. Psychiatry Research, 2012, 198, 7-11.	3.3	57
81	Eye movement characteristics in schizophrenia: A recent update with clinical implications. Neuropsychopharmacology Reports, 2020, 40, 2-9.	2.3	57
82	Apolipoprotein E and central nervous system disorders: Reviews of clinical findings. Psychiatry and Clinical Neurosciences, 2010, 64, 592-607.	1.8	56
83	Sensory cognitive abnormalities of pain in autism spectrum disorder: a case–control study. Annals of General Psychiatry, 2016, 15, 8.	2.7	56
84	Sex differences of leukocytes DNA methylation adjusted for estimated cellular proportions. Biology of Sex Differences, 2015, 6, 11.	4.1	55
85	High dopamine turnover in the brains of Sandy mice. Neuroscience Letters, 2007, 421, 47-51.	2.1	54
86	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
87	Effect of antipsychotic drugs on DISC1 and dysbindin expression in mouse frontal cortex and hippocampus. Journal of Neural Transmission, 2006, 113, 1337-1346.	2.8	52
88	Impaired prepulse inhibition and habituation of acoustic startle response in Japanese patients with schizophrenia. Neuroscience Research, 2008, 62, 187-194.	1.9	52
89	Prepulse inhibition of acoustic startle in Japanese patients with chronic schizophrenia. Neuroscience Research, 2007, 59, 23-28.	1.9	51
90	Estimated cognitive decline in patients with schizophrenia: A multicenter study. Psychiatry and Clinical Neurosciences, 2017, 71, 294-300.	1.8	51

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91	Changes in plasma d-serine, l-serine, and glycine levels in treatment-resistant schizophrenia before and after clozapine treatment. Neuroscience Letters, 2014, 582, 93-98.	2.1	50
92	Prepulse Inhibition of Startle Response: Recent Advances in Human Studies of Psychiatric Disease. Clinical Psychopharmacology and Neuroscience, 2011, 9, 102-110.	2.0	50
93	Impaired regional hemodynamic response in schizophrenia during multiple prefrontal activation tasks: A two-channel near-infrared spectroscopy study. Schizophrenia Research, 2009, 108, 93-103.	2.0	49
94	Effect of Clozapine on DNA Methylation in Peripheral Leukocytes from Patients with Treatment-Resistant Schizophrenia. International Journal of Molecular Sciences, 2017, 18, 632.	4.1	49
95	Genetic Overlap between General Cognitive Function and Schizophrenia: A Review of Cognitive GWASs. International Journal of Molecular Sciences, 2018, 19, 3822.	4.1	49
96	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
97	Domain- and Site-Specific Phosphorylation of Bovine NF-L by Rho-Associated Kinase. Biochemical and Biophysical Research Communications, 1998, 245, 407-411.	2.1	48
98	A possible association between the [minus sign]116C/G single nucleotide polymorphism of the XBP1 gene and lithium prophylaxis in bipolar disorder. International Journal of Neuropsychopharmacology, 2006, 9, 83.	2.1	48
99	Possible association between the pituitary adenylate cyclase-activating polypeptide (PACAP) gene and major depressive disorder. Neuroscience Letters, 2010, 468, 300-302.	2.1	48
100	Neuromelanin Magnetic Resonance Imaging Reveals Increased Dopaminergic Neuron Activity in the Substantia Nigra of Patients with Schizophrenia. PLoS ONE, 2014, 9, e104619.	2. 5	48
101	Role of frontal white matter and corpus callosum on social function in schizophrenia. Schizophrenia Research, 2018, 202, 180-187.	2.0	48
102	Lithium response and Val66Met polymorphism of the brain-derived neurotrophic factor gene in Japanese patients with bipolar disorder. Psychiatric Genetics, 2006, 16, 49-50.	1.1	47
103	A possible association between the Val158Met polymorphism of the catechol-O-methyl transferase gene and the personality trait of harm avoidance in Japanese healthy subjects. Neuroscience Letters, 2007, 428, 17-20.	2.1	47
104	Functional Analysis of Deep Intronic SNP rs13438494 in Intron 24 of PCLO Gene. PLoS ONE, 2013, 8, e76960.	2.5	47
105	Differential gene expression profiles in neurons generated from lymphoblastoid B-cell line-derived iPS cells from monozygotic twin cases with treatment-resistant schizophrenia and discordant responses to clozapine. Schizophrenia Research, 2017, 181, 75-82.	2.0	47
106	Prepulse inhibition of the startle response with chronic schizophrenia: A replication study. Neuroscience Research, 2009, 65, 259-262.	1.9	46
107	Brain morphological and functional features in cognitive subgroups of schizophrenia. Psychiatry and Clinical Neurosciences, 2020, 74, 191-203.	1.8	46
108	Tumor necrosis factor receptorâ€associated protein 1 regulates cell adhesion and synaptic morphology via modulation of Nâ€cadherin expression. Journal of Neurochemistry, 2009, 110, 496-508.	3.9	45

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109	PACAP Enhances Axon Outgrowth in Cultured Hippocampal Neurons to a Comparable Extent as BDNF. PLoS ONE, 2015, 10, e0120526.	2.5	45
110	A missense polymorphism (S205L) of the low-affinity neurotrophin receptorp75NTR gene is associated with depressive disorder and attempted suicide. American Journal of Medical Genetics Part A, 2004, 129B, 44-46.	2.4	44
111	Association of polygenic score for major depression with response to lithium in patients with bipolar disorder. Molecular Psychiatry, 2021, 26, 2457-2470.	7.9	44
112	Effect of the brainâ€derived neurotrophic factor and the apolipoprotein E polymorphisms on disease progression in preclinical Alzheimer's disease. Genes, Brain and Behavior, 2009, 8, 43-52.	2.2	42
113	The impact of the genome-wide supported variant in the cyclin M2 gene on gray matter morphology in schizophrenia. Behavioral and Brain Functions, 2013, 9, 40.	3.3	42
114	Genome-Wide Association Study of Cognitive Decline in Schizophrenia. American Journal of Psychiatry, 2013, 170, 683-684.	7.2	42
115	Emerging roles of ARHGAP33 in intracellular trafficking of TrkB and pathophysiology of neuropsychiatric disorders. Nature Communications, 2016, 7, 10594.	12.8	42
116	ARHGAP10, which encodes Rho GTPase-activating protein 10, is a novel gene for schizophrenia risk. Translational Psychiatry, 2020, 10, 247.	4.8	42
117	Discriminant analysis in schizophrenia and healthy subjects using prefrontal activation during frontal lobe tasks: A near-infrared spectroscopy. Schizophrenia Research, 2010, 117, 52-60.	2.0	41
118	Variants of the RELA Gene are Associated with Schizophrenia and their Startle Responses. Neuropsychopharmacology, 2011, 36, 1921-1931.	5.4	41
119	The dopamine D3 receptor (DRD3) gene and risk of schizophrenia: Case–control studies and an updated meta-analysis. Schizophrenia Research, 2010, 116, 61-67.	2.0	40
120	A significant causal association between C-reactive protein levels and schizophrenia. Scientific Reports, 2016, 6, 26105.	3.3	40
121	Common Variants in MAGI2 Gene Are Associated with Increased Risk for Cognitive Impairment in Schizophrenic Patients. PLoS ONE, 2012, 7, e36836.	2.5	39
122	The effect of duration of illness and antipsychotics on subcortical volumes in schizophrenia: Analysis of 778 subjects. Neurolmage: Clinical, 2018, 17, 563-569.	2.7	39
123	Performance on the <scp>W</scp> echsler <scp>A</scp> dult <scp>I</scp> ntelligence <scp>S</scp> caleâ€ <scp>III</scp> in <scp>J</scp> apanese patients with schizophrenia. Psychiatry and Clinical Neurosciences, 2014, 68, 534-541.	1.8	38
124	The Breakpoint Cluster Region Gene on Chromosome 22q11 is Associated with Bipolar Disorder. Biological Psychiatry, 2005, 57, 1097-1102.	1.3	36
125	Dysbindin engages in c-Jun N-terminal kinase activity and cytoskeletal organization. Biochemical and Biophysical Research Communications, 2009, 379, 191-195.	2.1	36
126	The <i>KCNH2 </i> gene is associated with neurocognition and the risk of schizophrenia. World Journal of Biological Psychiatry, 2013, 14, 114-120.	2.6	36

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127	Aberrant DNA Methylation of Blood in Schizophrenia by Adjusting for Estimated Cellular Proportions. NeuroMolecular Medicine, 2014, 16, 697-703.	3.4	36
128	Imaging Genetics and Psychiatric Disorders. Current Molecular Medicine, 2015, 15, 168-175.	1.3	36
129	Subcortical association with memory performance in schizophrenia: a structural magnetic resonance imaging study. Translational Psychiatry, 2018, 8, 20.	4.8	36
130	NMDAR2B tyrosine phosphorylation regulates anxiety-like behavior and CRF expression in the amygdala. Molecular Brain, 2010, 3, 37.	2.6	35
131	Improvement of psychiatrists' clinical knowledge of the treatment guidelines for schizophrenia and major depressive disorders using the â€~Effectiveness of Guidelines for Dissemination and Education in Psychiatric Treatment (EGUIDE)' project: A nationwide dissemination, education, and evaluation study. Psychiatry and Clinical Neurosciences. 2019. 73. 642-648.	1.8	35
132	Major Phosphorylation Site (Ser55) of Neurofilament L by Cyclic AMP-Dependent Protein Kinase in Rat Primary Neuronal Culture. Journal of Neurochemistry, 2000, 74, 949-959.	3.9	34
133	Association study of the G72 gene with schizophrenia in a Japanese population: A multicenter study. Schizophrenia Research, 2009, 109, 80-85.	2.0	34
134	Impact on schizotypal personality trait of a genome-wide supported psychosis variant of the ZNF804A gene. Neuroscience Letters, 2011, 495, 216-220.	2.1	34
135	Pharmacogenomics of antipsychotics efficacy for schizophrenia. Psychiatry and Clinical Neurosciences, 2011, 65, 3-19.	1.8	34
136	Fibromyalgia and microglial TNF- \hat{l}_{\pm} : Translational research using human blood induced microglia-like cells. Scientific Reports, 2017, 7, 11882.	3.3	34
137	A Brief Assessment of Intelligence Decline in Schizophrenia As Represented by the Difference between Current and Premorbid Intellectual Quotient. Frontiers in Psychiatry, 2017, 8, 293.	2.6	34
138	Trends in big data analyses by multicenter collaborative translational research in psychiatry. Psychiatry and Clinical Neurosciences, 2022, 76, 1-14.	1.8	34
139	Neuronal Roles of the Integrin-associated Protein (IAP/CD47) in Developing Cortical Neurons. Journal of Biological Chemistry, 2004, 279, 43245-43253.	3.4	33
140	Influence of the NRGN gene on intellectual ability in schizophrenia. Journal of Human Genetics, 2013, 58, 700-705.	2.3	33
141	Differential Effects of Common Variants in <i>SCN2A</i> on General Cognitive Ability, Brain Physiology, and messenger RNA Expression in Schizophrenia Cases and Control Individuals. JAMA Psychiatry, 2014, 71, 647.	11.0	33
142	Toward recovery in schizophrenia: Current concepts, findings, and future research directions. Psychiatry and Clinical Neurosciences, 2022, 76, 282-291.	1.8	33
143	Discrepancy of performance among working memoryâ€related tasks in autism spectrum disorders was caused by task characteristics, apart from working memory, which could interfere with task execution. Psychiatry and Clinical Neurosciences, 2006, 60, 312-318.	1.8	32
144	Association between the dysbindin gene (<i>DTNBP1</i>) and cognitive functions in Japanese subjects. Psychiatry and Clinical Neurosciences, 2009, 63, 550-556.	1.8	32

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145	Psychiatric-disorder-related behavioral phenotypes and cortical hyperactivity in a mouse model of 3q29 deletion syndrome. Neuropsychopharmacology, 2019, 44, 2125-2135.	5.4	32
146	Prescription patterns in patients with schizophrenia in Japan: Firstâ€quality indicator data from the survey of "Effectiveness of Guidelines for Dissemination and Education in psychiatric treatment (EGUIDE)―project. Neuropsychopharmacology Reports, 2020, 40, 281-286.	2.3	32
147	Association analysis of the ?308G > A promoter polymorphism of the tumor necrosis factor alpha (TNF-?) gene in Japanese patients with schizophrenia. Journal of Neural Transmission, 2004, 111, 217-221.	2.8	31
148	Association study of <i>KIBRA </i> gene with memory performance in a Japanese population. World Journal of Biological Psychiatry, 2010, 11, 852-857.	2.6	31
149	Impact of the Genome Wide Supported NRGN Gene on Anterior Cingulate Morphology in Schizophrenia. PLoS ONE, 2012, 7, e29780.	2.5	31
150	Transcriptome analysis of distinct mouse strains reveals kinesin light chain-1 splicing as an amyloid- \hat{l}^2 accumulation modifier. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2638-2643.	7.1	31
151	TGFBR2 gene expression and genetic association with schizophrenia. Journal of Psychiatric Research, 2008, 42, 425-432.	3.1	30
152	Failure to replicate the association between NRG1 and schizophrenia using Japanese large sample. Schizophrenia Research, 2008, 101, 1-8.	2.0	30
153	The SIGMAR1 gene is associated with a risk of schizophrenia and activation of the prefrontal cortex. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 1309-1315.	4.8	30
154	Gene expression analysis in lymphoblasts derived from patients with autism spectrum disorder. Molecular Autism, 2011, 2, 9.	4.9	30
155	The regulation of gene expression involved in TGF- \hat{l}^2 signaling by ZNF804A, a risk gene for schizophrenia. Schizophrenia Research, 2013, 146, 273-278.	2.0	30
156	The <i>AKT1 </i> gene is associated with attention and brain morphology in schizophrenia. World Journal of Biological Psychiatry, 2013, 14, 100-113.	2.6	30
157	An integrated eye movement score as a neurophysiological marker of schizophrenia. Schizophrenia Research, 2014, 160, 228-229.	2.0	30
158	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
159	Cognitive inflexibility in Japanese adolescents and adults with autism spectrum disorders. World Journal of Psychiatry, 2014, 4, 42.	2.7	30
160	Usefulness of the Wechsler Intelligence Scale short form for assessing functional outcomes in patients with schizophrenia. Psychiatry Research, 2016, 245, 371-378.	3.3	29
161	De novo POGZ mutations in sporadic autism disrupt the DNA-binding activity of POGZ. Journal of Molecular Psychiatry, 2016, 4, 1.	2.0	28
162	Microglia-derived neuregulin expression in psychiatric disorders. Brain, Behavior, and Immunity, 2017, 61, 375-385.	4.1	28

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163	Analysis of the Influence of microRNAs in Lithium Response in Bipolar Disorder. Frontiers in Psychiatry, 2018, 9, 207.	2.6	28
164	Association between the superior longitudinal fasciculus and perceptual organization and working memory: A diffusion tensor imaging study. Neuroscience Letters, 2020, 738, 135349.	2.1	28
165	Characteristics of discharge prescriptions for patients with schizophrenia or major depressive disorder: Real-world evidence from the Effectiveness of Guidelines for Dissemination and Education (EGUIDE) psychiatric treatment project. Asian Journal of Psychiatry, 2021, 63, 102744.	2.0	28
166	Localized phosphorylation of vimentin by Rho-kinase in neuroblastoma N2a cells. Genes To Cells, 2000, 5, 823-837.	1.2	27
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