

# Akira Sawa

## List of Publications by Year in descending order

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Version: 2024-02-01

167  
papers

10,710  
citations

66343

42  
h-index

36028

97  
g-index

175  
all docs

175  
docs citations

175  
times ranked

14284  
citing authors

#	ARTICLE	IF	CITATIONS
1	Schizophrenia. <i>Lancet</i> , The, 2016, 388, 86-97.	13.7	1,328
2	Schizophrenia: Diverse Approaches to a Complex Disease. <i>Science</i> , 2002, 296, 692-695.	12.6	549
3	A schizophrenia-associated mutation of DISC1 perturbs cerebral cortex development. <i>Nature Cell Biology</i> , 2005, 7, 1167-1178.	10.3	532
4	Increased apoptosis of Huntington disease lymphoblasts associated with repeat length-dependent mitochondrial depolarization. <i>Nature Medicine</i> , 1999, 5, 1194-1198.	30.7	516
5	Haem oxygenase-1 prevents cell death by regulating cellular iron. <i>Nature Cell Biology</i> , 1999, 1, 152-157.	10.3	484
6	Inducible expression of mutant alpha-synuclein decreases proteasome activity and increases sensitivity to mitochondria-dependent apoptosis. <i>Human Molecular Genetics</i> , 2001, 10, 919-926.	2.9	442
7	p53 Mediates Cellular Dysfunction and Behavioral Abnormalities in Huntington's Disease. <i>Neuron</i> , 2005, 47, 29-41.	8.1	437
8	Dominant-negative DISC1 transgenic mice display schizophrenia-associated phenotypes detected by measures translatable to humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14501-14506.	7.1	394
9	Linking neurodevelopmental and synaptic theories of mental illness through DISC1. <i>Nature Reviews Neuroscience</i> , 2011, 12, 707-722.	10.2	384
10	Adolescent Stress-Induced Epigenetic Control of Dopaminergic Neurons via Glucocorticoids. <i>Science</i> , 2013, 339, 335-339.	12.6	288
11	The Insula: An Underestimated Brain Area in Clinical Neuroscience, Psychiatry, and Neurology. <i>Trends in Neurosciences</i> , 2017, 40, 200-207.	8.6	284
12	Improving polygenic prediction in ancestrally diverse populations. <i>Nature Genetics</i> , 2022, 54, 573-580.	21.4	209
13	Neuroinflammation and brain atrophy in former NFL players: An in vivo multimodal imaging pilot study. <i>Neurobiology of Disease</i> , 2015, 74, 58-65.	4.4	208
14	Oxidative stress and schizophrenia. <i>Current Opinion in Psychiatry</i> , 2014, 27, 185-190.	6.3	157
15	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. <i>JAMA Psychiatry</i> , 2021, 78, 47.	11.0	136
16	Increased power by harmonizing structural MRI site differences with the ComBat batch adjustment method in ENIGMA. <i>NeuroImage</i> , 2020, 218, 116956.	4.2	135
17	Imaging of Glial Cell Activation and White Matter Integrity in Brains of Active and Recently Retired National Football League Players. <i>JAMA Neurology</i> , 2017, 74, 67.	9.0	134
18	Treatment resistant schizophrenia: Clinical, biological, and therapeutic perspectives. <i>Neurobiology of Disease</i> , 2019, 131, 104257.	4.4	131

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19	Implications for reactive oxygen species in schizophrenia pathogenesis. <i>Schizophrenia Research</i> , 2016, 176, 52-71.	2.0	129
20	Assessing Brain Metabolism With 7-T Proton Magnetic Resonance Spectroscopy in Patients With First-Episode Psychosis. <i>JAMA Psychiatry</i> , 2019, 76, 314.	11.0	128
21	Clozapine as a Model for Antipsychotic Development. <i>Neurotherapeutics</i> , 2017, 14, 750-761.	4.4	126
22	Recruitment of PCM1 to the Centrosome by the Cooperative Action of DISC1 and BBS4. <i>Archives of General Psychiatry</i> , 2008, 65, 996.	12.3	124
23	The glutathione cycle shapes synaptic glutamate activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2701-2706.	7.1	99
24	Influence of poly(I:C) variability on thermoregulation, immune responses and pregnancy outcomes in mouse models of maternal immune activation. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 406-418.	4.1	93
25	Cognitive and motivational deficits together with prefrontal oxidative stress in a mouse model for neuropsychiatric illness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12462-12467.	7.1	88
26	Inflammatory Molecular Signature Associated With Infectious Agents in Psychosis. <i>Schizophrenia Bulletin</i> , 2014, 40, 963-972.	4.3	88
27	Gray-matter abnormalities in deficit schizophrenia. <i>Schizophrenia Research</i> , 2010, 120, 63-70.	2.0	84
28	Type 3 inositol 1,4,5-trisphosphate receptor modulates cell death. <i>FASEB Journal</i> , 2000, 14, 1375-1379.	0.5	79
29	Accelerating stem cell trials for Alzheimer's disease. <i>Lancet Neurology</i> , The, 2016, 15, 219-230.	10.2	76
30	Creating Patient-Specific Neural Cells for the In Vitro Study of Brain Disorders. <i>Stem Cell Reports</i> , 2015, 5, 933-945.	4.8	72
31	Association of Age, Antipsychotic Medication, and Symptom Severity in Schizophrenia With Proton Magnetic Resonance Spectroscopy Brain Glutamate Level. <i>JAMA Psychiatry</i> , 2021, 78, 667.	11.0	72
32	Converging models of schizophrenia – Network alterations of prefrontal cortex underlying cognitive impairments. <i>Progress in Neurobiology</i> , 2015, 134, 178-201.	5.7	71
33	Neuroanatomic and cognitive abnormalities related to herpes simplex virus type 1 in schizophrenia. <i>Schizophrenia Research</i> , 2010, 118, 224-231.	2.0	68
34	Glutathione is a physiologic reservoir of neuronal glutamate. <i>Biochemical and Biophysical Research Communications</i> , 2011, 409, 596-602.	2.1	63
35	Interneuronal DISC1 regulates NRG1-ErbB4 signalling and excitatory-inhibitory synapse formation in the mature cortex. <i>Nature Communications</i> , 2015, 6, 10118.	12.8	62
36	Sulforaphane Augments Glutathione and Influences Brain Metabolites in Human Subjects: A Clinical Pilot Study. <i>Molecular Neuropsychiatry</i> , 2017, 3, 214-222.	2.9	58

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37	Ubiquitination via K27 and K29 chains signals aggregation and neuronal protection of LRRK2 by WSB1. <i>Nature Communications</i> , 2016, 7, 11792.	12.8	56
38	Modeling Heterogeneous Patients With a Clinical Diagnosis of Schizophrenia With Induced Pluripotent Stem Cells. <i>Biological Psychiatry</i> , 2014, 75, 936-944.	1.3	53
39	GENETICS: Two Genes Link Two Distinct Psychoses. <i>Science</i> , 2005, 310, 1128-1129.	12.6	52
40	Infection and inflammation in schizophrenia and bipolar disorder. <i>Neuroscience Research</i> , 2017, 115, 59-63.	1.9	52
41	DISC1 Modulates Neuronal Stress Responses by Gate-Keeping ER-Mitochondria Ca <sup>2+</sup> Transfer through the MAM. <i>Cell Reports</i> , 2017, 21, 2748-2759.	6.4	49
42	Mechanisms for neuronal cell death and dysfunction in Huntington's disease: pathological cross-talk between the nucleus and the mitochondria?. <i>Journal of Molecular Medicine</i> , 2001, 79, 375-381.	3.9	45
43	Nuclear-translocated Glyceraldehyde-3-phosphate Dehydrogenase Promotes Poly(ADP-ribose) Polymerase-1 Activation during Oxidative/Nitrosative Stress in Stroke. <i>Journal of Biological Chemistry</i> , 2015, 290, 14493-14503.	3.4	44
44	Application of olfactory tissue and its neural progenitors to schizophrenia and psychiatric research. <i>Current Opinion in Psychiatry</i> , 2017, 30, 176-183.	6.3	44
45	Glutathione S-transferases promote proinflammatory astrocyte-microglia communication during brain inflammation. <i>Science Signaling</i> , 2019, 12, .	3.6	44
46	Olfactory Functioning in First-Episode Psychosis. <i>Schizophrenia Bulletin</i> , 2018, 44, 672-680.	4.3	42
47	Neuronal Autophagy in Synaptic Functions and Psychiatric Disorders. <i>Biological Psychiatry</i> , 2020, 87, 787-796.	1.3	42
48	Regulation of N-Methyl-D-Aspartate Receptors by Disrupted-in-Schizophrenia-1. <i>Biological Psychiatry</i> , 2014, 75, 414-424.	1.3	41
49	A critical period of vulnerability to adolescent stress: epigenetic mediators in mesocortical dopaminergic neurons. <i>Human Molecular Genetics</i> , 2016, 25, 1370-1381.	2.9	41
50	BDNF overexpression prevents cognitive deficit elicited by adolescent cannabis exposure and host susceptibility interaction. <i>Human Molecular Genetics</i> , 2017, 26, 2462-2471.	2.9	41
51	Dynamic Changes of the Mitochondria in Psychiatric Illnesses: New Mechanistic Insights From Human Neuronal Models. <i>Biological Psychiatry</i> , 2018, 83, 751-760.	1.3	41
52	DISC1 regulates synaptic vesicle transport via a lithium-sensitive pathway. <i>Neuroscience Research</i> , 2011, 71, 71-77.	1.9	40
53	Adolescent cannabis exposure interacts with mutant DISC1 to produce impaired adult emotional memory. <i>Neurobiology of Disease</i> , 2015, 82, 176-184.	4.4	39
54	Approaches to neuromodulation for schizophrenia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 777-787.	1.9	39

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55	Ulk2 controls cortical excitatoryâ€“inhibitory balance via autophagic regulation of p62 and GABAA receptor trafficking in pyramidal neurons. <i>Human Molecular Genetics</i> , 2018, 27, 3165-3176.	2.9	39
56	Neurodevelopmental Factors in Schizophrenia. <i>Psychiatric Clinics of North America</i> , 2020, 43, 263-274.	1.3	39
57	Huntingtin is cleaved by caspases in the cytoplasm and translocated to the nucleus via perinuclear sites in Huntington's disease patient lymphoblasts. <i>Neurobiology of Disease</i> , 2005, 20, 267-274.	4.4	37
58	Aggregation of scaffolding protein DISC1 dysregulates phosphodiesterase 4 in Huntingtonâ€™s disease. <i>Journal of Clinical Investigation</i> , 2017, 127, 1438-1450.	8.2	36
59	Oxidative stress and inflammation in schizophrenia. <i>Schizophrenia Research</i> , 2016, 176, 1-2.	2.0	35
60	A mouse model of 22q11.2 deletions: Molecular and behavioral signatures of Parkinsonâ€™s disease and schizophrenia. <i>Science Advances</i> , 2018, 4, eaar6637.	10.3	35
61	Increased Protein Insolubility in Brains From a Subset of Patients With Schizophrenia. <i>American Journal of Psychiatry</i> , 2019, 176, 730-743.	7.2	35
62	Valley of death: A proposal to build a â€œtranslational bridgeâ€“for the next generation. <i>Neuroscience Research</i> , 2017, 115, 1-4.	1.9	33
63	Effect of multi-session prefrontal transcranial direct current stimulation on cognition in schizophrenia: A systematic review and meta-analysis. <i>Schizophrenia Research</i> , 2020, 216, 367-373.	2.0	33
64	The Olfactory Neural Epithelium As a Tool in Neuroscience. <i>Trends in Molecular Medicine</i> , 2017, 23, 100-103.	6.7	32
65	Reduced superoxide dismutase-1 (SOD1) in cerebrospinal fluid of patients with early psychosis in association with clinical features. <i>Schizophrenia Research</i> , 2017, 183, 64-69.	2.0	31
66	Association of Missense Mutation in FOLH1 With Decreased NAAG Levels and Impaired Working Memory Circuitry and Cognition. <i>American Journal of Psychiatry</i> , 2020, 177, 1129-1139.	7.2	29
67	Is Prophylactic Psychiatry around the Corner? Combating Adolescent Oxidative Stress for Adult Psychosis and Schizophrenia. <i>Neuron</i> , 2014, 83, 991-993.	8.1	28
68	A multimodal approach to studying the relationship between peripheral glutathione, brain glutamate, and cognition in health and in schizophrenia. <i>Molecular Psychiatry</i> , 2021, 26, 3502-3511.	7.9	28
69	Overlapping but Asymmetrical Relationships Between Schizophrenia and Autism Revealed by Brain Connectivity. <i>Schizophrenia Bulletin</i> , 2020, 46, 1210-1218.	4.3	28
70	Neuregulin 3 Knockout Mice Exhibit Behaviors Consistent with Psychotic Disorders. <i>Molecular Neuropsychiatry</i> , 2016, 2, 79-87.	2.9	27
71	Nucleus accumbens dopamine D2-receptor expressing neurons control behavioral flexibility in a place discrimination task in the IntelliCage. <i>Learning and Memory</i> , 2016, 23, 359-364.	1.3	26
72	TAR DNA-Binding Protein 43 and Disrupted in Schizophrenia 1 Coaggregation Disrupts Dendritic Local Translation and Mental Function in Frontotemporal Lobar Degeneration. <i>Biological Psychiatry</i> , 2018, 84, 509-521.	1.3	26

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73	Decoupling of Brain Temperature and Glutamate in Recent Onset of Schizophrenia: A 7T Proton Magnetic Resonance Spectroscopy Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 248-254.	1.5	26
74	Contributions of olfactory and neuropsychological assessment to the diagnosis of first-episode schizophrenia.. <i>Neuropsychology</i> , 2019, 33, 203-211.	1.3	26
75	Selective CNS Uptake of the GCP-II Inhibitor 2-PMPA following Intranasal Administration. <i>PLoS ONE</i> , 2015, 10, e0131861.	2.5	25
76	Neuroimaging of translocator protein in patients with systemic lupus erythematosus: a pilot study using [ <sup>11</sup> C]DPA-713 positron emission tomography. <i>Lupus</i> , 2017, 26, 170-178.	1.6	25
77	Zika virus increases mind bomb 1 levels, causing degradation of pericentriolar material 1 (PCM1) and dispersion of PCM1-containing granules from the centrosome. <i>Journal of Biological Chemistry</i> , 2019, 294, 18742-18755.	3.4	25
78	Schizophrenia: neural mechanisms for novel therapies. <i>Molecular Medicine</i> , 2003, 9, 3-9.	4.4	25
79	Neuron-glia interactions clarify genetic-environmental links in mental illness. <i>Trends in Neurosciences</i> , 2004, 27, 294-297.	8.6	23
80	Relationship between neuropsychological behavior and brain white matter in first-episode psychosis. <i>Schizophrenia Research</i> , 2019, 208, 49-54.	2.0	22
81	Abnormal wake/sleep pattern in a novel gain-of-function model of DISC1. <i>Neuroscience Research</i> , 2016, 112, 63-69.	1.9	21
82	Multimodal MRI assessment for first episode psychosis: A major change in the thalamus and an efficient stratification of a subgroup. <i>Human Brain Mapping</i> , 2021, 42, 1034-1053.	3.6	20
83	Disrupted-in-Schizophrenia-1 (DISC1) protein disturbs neural function in multiple disease-risk pathways. <i>Human Molecular Genetics</i> , 2017, 26, 2634-2648.	2.9	19
84	Developmental trajectories of brain maturation and behavior: Relevance to major mental illnesses. <i>Journal of Pharmacological Sciences</i> , 2018, 137, 1-4.	2.5	19
85	Use of <sup>18</sup> F-ASEM PET to Determine the Availability of the $\alpha 7$ -Nicotinic Acetylcholine Receptor in Recent-Onset Psychosis. <i>Journal of Nuclear Medicine</i> , 2019, 60, 241-243.	5.0	19
86	Parvalbumin Interneuron Dysfunction in a Thalamo-Prefrontal Cortical Circuit in <i>Disc1</i> Locus Impairment Mice. <i>ENeuro</i> , 2020, 7, ENEURO.0496-19.2020.	1.9	19
87	Human Stem Cells and Surrogate Tissues for Basic and Translational Study of Mental Disorders. <i>Biological Psychiatry</i> , 2014, 75, 918-919.	1.3	18
88	Disordered Ripples Are a Common Feature of Genetically Distinct Mouse Models Relevant to Schizophrenia. <i>Molecular Neuropsychiatry</i> , 2015, 1, 52-59.	2.9	18
89	A Mutation in NPAS3 That Segregates with Schizophrenia in a Small Family Leads to Protein Aggregation. <i>Molecular Neuropsychiatry</i> , 2016, 2, 133-144.	2.9	18
90	Olfactory modulation of the medial prefrontal cortex circuitry: Implications for social cognition. <i>Seminars in Cell and Developmental Biology</i> , 2022, 129, 31-39.	5.0	18

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91	A multimodal study of a first episode psychosis cohort: potential markers of antipsychotic treatment resistance. <i>Molecular Psychiatry</i> , 2022, 27, 1184-1191.	7.9	18
92	Neuroanatomical and behavioral deficits in mice haploinsufficient for Pericentriolar material 1 (Pcm1). <i>Neuroscience Research</i> , 2015, 98, 45-49.	1.9	17
93	Dopamine D2L Receptor Is Required for Visual Discrimination and Reversal Learning. <i>Molecular Neuropsychiatry</i> , 2016, 2, 124-132.	2.9	17
94	Infection and characterization of <i>Toxoplasma gondii</i> in human induced neurons from patients with brain disorders and healthy controls. <i>Microbes and Infection</i> , 2016, 18, 153-158.	1.9	17
95	A biomarker-authenticated model of schizophrenia implicating NPTX2 loss of function. <i>Science Advances</i> , 2021, 7, eabf6935.	10.3	17
96	From population to neuron: exploring common mediators for metabolic problems and mental illnesses. <i>Molecular Psychiatry</i> , 2021, 26, 3931-3942.	7.9	16
97	A LRRK2 GTP Binding Inhibitor, 68, Reduces LPS-Induced Signaling Events and TNF- $\alpha$ Release in Human Lymphoblasts. <i>Cells</i> , 2021, 10, 480.	4.1	16
98	Neuropeptide precursor VGF is genetically associated with social anhedonia and underrepresented in the brain of major mental illness: its downregulation by DISC1. <i>Human Molecular Genetics</i> , 2014, 23, 5859-5865.	2.9	15
99	Sequence of Molecular Events during the Maturation of the Developing Mouse Prefrontal Cortex. <i>Molecular Neuropsychiatry</i> , 2015, 1, 94-104.	2.9	15
100	Identification and Functional Studies of Regulatory Variants Responsible for the Association of $\text{NRG3}$ with a Delusion Phenotype in Schizophrenia. <i>Molecular Neuropsychiatry</i> , 2015, 1, 36-46.	2.9	14
101	Enhanced conversion of induced neuronal cells (iN cells) from human fibroblasts: Utility in uncovering cellular deficits in mental illness-associated chromosomal abnormalities. <i>Neuroscience Research</i> , 2015, 101, 57-61.	1.9	14
102	Increased stereotypy in conditional <i>Cxcr4</i> knockout mice. <i>Neuroscience Research</i> , 2016, 105, 75-79.	1.9	14
103	Analysis of differential gene expression mediated by clozapine in human postmortem brains. <i>Schizophrenia Research</i> , 2017, 185, 58-66.	2.0	14
104	Deep Brain Stimulation of the Substantia Nigra Pars Reticulata for Treatment-Resistant Schizophrenia: A Case Report. <i>Biological Psychiatry</i> , 2021, 90, e57-e59.	1.3	14
105	Olfactory Neurons Obtained through Nasal Biopsy Combined with Laser-Capture Microdissection: A Potential Approach to Study Treatment Response in Mental Disorders. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	13
106	Causal Inference on Pathophysiological Mediators in Psychiatry. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2018, 83, 17-23.	1.1	13
107	PCM1 is necessary for focal ciliary integrity and is a candidate for severe schizophrenia. <i>Nature Communications</i> , 2020, 11, 5903.	12.8	13
108	Minireview: Novel Micropeptide Discovery by Proteomics and Deep Sequencing Methods. <i>Frontiers in Genetics</i> , 2021, 12, 651485.	2.3	13

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109	Causal impact of local inflammation in the nasal cavity on higher brain function and cognition. <i>Neuroscience Research</i> , 2021, 172, 110-115.	1.9	13
110	Is There a Glutathione Centered Redox Dysregulation Subtype of Schizophrenia?. <i>Antioxidants</i> , 2021, 10, 1703.	5.1	13
111	Dimensional assessment of behavioral changes in the cuprizone short-term exposure model for psychosis. <i>Neuroscience Research</i> , 2016, 107, 70-74.	1.9	12
112	Increased novelty-induced locomotion, sensitivity to amphetamine, and extracellular dopamine in striatum of <i>Zdhc15</i> -deficient mice. <i>Translational Psychiatry</i> , 2021, 11, 65.	4.8	12
113	Risk of Hospitalization Due to Medication Nonadherence Identified Through EMRs of Patients With Psychosis. <i>Psychiatric Services</i> , 2017, 68, 847-850.	2.0	11
114	Volumetric alteration of olfactory bulb and immune-related molecular changes in olfactory epithelium in first episode psychosis patients. <i>Schizophrenia Research</i> , 2021, 235, 9-11.	2.0	11
115	Face processing of social cognition in patients with first episode psychosis: Its deficits and association with the right subcallosal anterior cingulate cortex. <i>Schizophrenia Research</i> , 2021, 238, 99-107.	2.0	11
116	Virtual Ontogeny of Cortical Growth Preceding Mental Illness. <i>Biological Psychiatry</i> , 2022, 92, 299-313.	1.3	11
117	Cortical Development and Glutamatergic Dysregulation in Schizophrenia. <i>Biological Psychiatry</i> , 2009, 66, 530-532.	1.3	10
118	Methylphenidate and Guanfacine Ameliorate ADHD-Like Phenotypes in <i>Fez1</i> -Deficient Mice. <i>Molecular Neuropsychiatry</i> , 2017, 3, 223-233.	2.9	10
119	A methodology for discovering novel brain-relevant peptides: Combination of ribosome profiling and peptidomics. <i>Neuroscience Research</i> , 2020, 151, 31-37.	1.9	10
120	Developmental Alcohol Exposure Impairs Activity-Dependent Nitrosylation of NDEL1 for Neuronal Maturation. <i>Cerebral Cortex</i> , 2017, 27, 3918-3929.	2.9	9
121	Impaired hippocampal activity at the goal zone on the place preference task in a <i>DISC1</i> mouse model. <i>Neuroscience Research</i> , 2016, 106, 70-73.	1.9	9
122	Neurometabolic and functional connectivity basis of prosocial behavior in early adolescence. <i>Scientific Reports</i> , 2019, 9, 732.	3.3	9
123	Cell Type-Specific Effects of Mutant <i>DISC1</i> : A Proteomics Study. <i>Molecular Neuropsychiatry</i> , 2016, 2, 28-36.	2.9	8
124	Translocator protein (TSPO) and stress cascades in mouse models of psychosis with inflammatory disturbances. <i>Schizophrenia Research</i> , 2018, 197, 492-497.	2.0	8
125	Assessing Reality Testing in Mice Through Dopamine-Dependent Associatively Evoked Processing of Absent Gustatory Stimuli. <i>Schizophrenia Bulletin</i> , 2020, 46, 54-67.	4.3	8
126	Making Sense of Patient-Derived iPSCs, Transdifferentiated Neurons, Olfactory Neuronal Cells, and Cerebral Organoids as Models for Psychiatric Disorders. <i>International Journal of Neuropsychopharmacology</i> , 2021, 24, 759-775.	2.1	8



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127	Olfactory dysfunction and face processing of social cognition in first-episode psychosis. <i>Neuroscience Research</i> , 2022, 176, 79-84.	1.9	8
128	Half-life of DISC1 protein and its pathological significance under hypoxia stress. <i>Neuroscience Research</i> , 2015, 97, 1-6.	1.9	7
129	An in-silico approach for discovery of microRNA-TF regulation of DISC1 interactome mediating neuronal migration. <i>Npj Systems Biology and Applications</i> , 2019, 5, 17.	3.0	7
130	Adolescent psychosocial stress enhances sensitization to cocaine exposure in genetically vulnerable mice. <i>Neuroscience Research</i> , 2020, 151, 38-45.	1.9	7
131	Sex-specific involvement of the Notch-JAG pathway in social recognition. <i>Translational Psychiatry</i> , 2022, 12, 99.	4.8	7
132	Genetic animal models for schizophrenia: advantages and limitations of genetic manipulation in drosophila, zebrafish, rodents, and primates. <i>Progress in Brain Research</i> , 2009, 179, 3-6.	1.4	6
133	The potential of DISC1 protein as a therapeutic target for mental illness. <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 641-643.	3.4	6
134	Psychosis Beyond the 22q11.2 Deletion: Do Additional Genetic Factors Play a Role?. <i>American Journal of Psychiatry</i> , 2017, 174, 1027-1029.	7.2	6
135	Dominant-Negative DISC1 Alters the Dopaminergic Modulation of Inhibitory Interneurons in the Mouse Prefrontal Cortex. <i>Molecular Neuropsychiatry</i> , 2018, 4, 20-29.	2.9	6
136	Chitinase mRNA Levels Determined by QPCR in Crab-Eating Monkey ( <i>Macaca fascicularis</i> ) Tissues: Species-Specific Expression of Acidic Mammalian Chitinase and Chitotriosidase. <i>Genes</i> , 2018, 9, 244.	2.4	6
137	Nucleus accumbens pathways control cell-specific gene expression in the medial prefrontal cortex. <i>Scientific Reports</i> , 2020, 10, 1838.	3.3	6
138	Risk of schizophrenia spectrum and affective disorders associated with small for gestational age birth and height in adulthood. <i>Schizophrenia Research</i> , 2014, 160, 230-232.	2.0	5
139	Demographic and clinical correlates of suicidality in adolescents attending a specialist community mental health service: a naturalistic study. <i>Journal of Mental Health</i> , 2015, 24, 225-229.	1.9	5
140	Ulk1 protects against ethanol-induced neuronal stress and cognition-related behavioral deficits. <i>Neuroscience Research</i> , 2017, 117, 54-61.	1.9	5
141	Open Sesame: Open Chromatin Regions Shed Light onto Non-coding Risk Variants. <i>Cell Stem Cell</i> , 2017, 21, 285-287.	11.1	5
142	A perspective on the potential involvement of impaired proteostasis in neuropsychiatric disorders. <i>Biological Psychiatry</i> , 2021, , .	1.3	5
143	Parsing neural circuits of fear learning and extinction across basic and clinical neuroscience: Towards better translation. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 134, 104502.	6.1	5
144	SUMOylation of DISC1: A Potential Role in Neural Progenitor Proliferation in the Developing Cortex. <i>Molecular Neuropsychiatry</i> , 2016, 2, 20-27.	2.9	4

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145	Case of Secondary Tics Associated With Olanzapine in an Adult. <i>Frontiers in Psychiatry</i> , 2017, 8, 150.	2.6	4
146	Neurometabolic underpinning of the intergenerational transmission of prosociality. <i>NeuroImage</i> , 2020, 218, 116965.	4.2	4
147	A comparative neuroimaging perspective of olfaction and higher-order olfactory processing: on health and disease. <i>Seminars in Cell and Developmental Biology</i> , 2022, 129, 22-30.	5.0	4
148	Genetic interaction of DISC1 and Neurexin in the development of fruit fly glutamatergic synapses. <i>NPJ Schizophrenia</i> , 2017, 3, 39.	3.6	3
149	[11C](R)-Risperidone positron emission tomography detects DISC1 inhibition of phosphodiesterase type 4 in live Disc1 locus-impaired mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1306-1313.	4.3	3
150	Paradigm shift on the concept of schizophrenia that matches with both academic and clinical needs. <i>Schizophrenia Research</i> , 2022, 242, 123-125.	2.0	3
151	Constance E. Lieber, Theodore R. Stanley, and the Enduring Impact of Philanthropy on Psychiatry Research. <i>Biological Psychiatry</i> , 2016, 80, 84-86.	1.3	2
152	The transcriptome landscape associated with Disrupted-in-Schizophrenia-1 locus impairment in early development and adulthood. <i>Schizophrenia Research</i> , 2019, 210, 149-156.	2.0	2
153	Common Data Elements for National Institute of Mental Health-funded Translational Early Psychosis Research. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 10-22.	1.5	2
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160	175.2 Å Glu That Binds Inflammation and Neurotransmission: Glutathione as a Glutamate Reservoir. <i>Schizophrenia Bulletin</i> , 2017, 43, S89-S89.	4.3	0
161	6.1 STUDY OF ALTERED NEUROIMMUNITY IN PSYCHOSIS USING PET-BASED IMAGING OF THE TRANSLOCATOR PROTEIN 18 KDA: PROMISES, PITFALLS, AND FUTURE DIRECTIONS. <i>Schizophrenia Bulletin</i> , 2018, 44, S8-S8.	4.3	0
162	23.4 PET-BASED PRECISION NEUROIMAGING OF THE ALPHA7 NICOTINIC ACETYLCHOLINE RECEPTOR IN PATIENTS WITH RECENT ONSET OF PSYCHOSIS. <i>Schizophrenia Bulletin</i> , 2019, 45, S127-S127.	4.3	0

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163	Reply to Brune M and Theiss C: Remaining questions in the relationship between T. gondii infection and major mental illness. <i>Molecular Psychiatry</i> , 2020, 25, 4-5.	7.9	0
164	In vitro human cell models for probing functional deficits relevant to neuropsychiatric disorders. <i>FASEB Journal</i> , 2015, 29, 983.11.	0.5	0
165	D1 receptor subtype mediates acute stress-induced dendritic growth of excitatory neurons and gene expression changes associated with stress resilience in the medial prefrontal cortex. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-1-133.	0.0	0
166	Editorial: Immune Associated Mental Illnesses in Adolescents and Young Adults: Pathophysiological Role and Therapeutic Perspectives. <i>Frontiers in Psychiatry</i> , 2022, 13, 871719.	2.6	0
167	Going from lines to triangles: A formulation for time-frequency moments of time-series with application to study fMRI. , 2022, , .		0