Hyejung Won

List of Publications by Year
in descending order

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48 papers	13,913 citations	117571 34 h-index	197736 49 g-index
67 all docs	67 docs citations	67 times ranked	18267 citing authors

#	Article	IF	Citations
1	Chromatin architecture in addiction circuitry identifies risk genes and potential biological mechanisms underlying cigarette smoking and alcohol use traits. Molecular Psychiatry, 2022, 27, 3085-3094.	4.1	13
2	Impact of schizophrenia GWAS loci converge onto distinct pathways in cortical interneurons vs glutamatergic neurons during development. Molecular Psychiatry, 2022, 27, 4218-4233.	4.1	6
3	Convergence and Divergence of Rare Genetic Disorders on Brain Phenotypes. JAMA Psychiatry, 2022, 79, 818.	6.0	12
4	Chromatin architecture provides a roadmap to improve our understanding of psychiatric disorders. Neuropsychopharmacology, 2021, 46, 234-235.	2.8	1
5	FIREcaller: Detecting frequently interacting regions from Hi-C data. Computational and Structural Biotechnology Journal, 2021, 19, 355-362.	1.9	22
6	Integration of evidence across human and model organism studies: A meeting report. Genes, Brain and Behavior, 2021, 20, e12738.	1.1	12
7	Neuronal and glial 3D chromatin architecture informs the cellular etiology of brain disorders. Nature Communications, 2021, 12, 3968.	5.8	48
8	Limited Association between Schizophrenia Genetic Risk Factors and Transcriptomic Features. Genes, 2021, 12, 1062.	1.0	5
9	Advances in profiling chromatin architecture shed light on the regulatory dynamics underlying brain disorders. Seminars in Cell and Developmental Biology, 2021, 121, 153-153.	2.3	8
10	Schizophrenia-Linked Protein tSNARE1 Regulates Endosomal Trafficking in Cortical Neurons. Journal of Neuroscience, 2021, 41, 9466-9481.	1.7	10
11	The three-dimensional landscape of the genome in human brain tissue unveils regulatory mechanisms leading to schizophrenia risk. Schizophrenia Research, 2020, 217, 17-25.	1.1	31
12	Common genetic risk variants identified in the SPARK cohort support DDHD2 as a candidate risk gene for autism. Translational Psychiatry, 2020, 10, 265.	2.4	56
13	Integrative genomics identifies a convergent molecular subtype that links epigenomic with transcriptomic differences in autism. Nature Communications, 2020, 11, 4873.	5.8	62
14	Expanding the genetic architecture of nicotine dependence and its shared genetics with multiple traits. Nature Communications, 2020, 11, 5562.	5.8	80
15	Regulatory landscape in brain development and disease. Current Opinion in Genetics and Development, 2020, 65, 53-60.	1.5	6
16	A computational tool (H-MAGMA) for improved prediction of brain-disorder risk genes by incorporating brain chromatin interaction profiles. Nature Neuroscience, 2020, 23, 583-593.	7.1	194
17	Mapping Alzheimer's Disease Variants to Their Target Genes Using Computational Analysis of Chromatin Configuration. Journal of Visualized Experiments, 2020, , .	0.2	4
18	Social and non-social autism symptoms and trait domains are genetically dissociable. Communications Biology, 2019, 2, 328.	2.0	57

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19	A genome-wide association study of shared risk across psychiatric disorders implicates gene regulation during fetal neurodevelopment. Nature Neuroscience, 2019, 22, 353-361.	7.1	173
20	Human evolved regulatory elements modulate genes involved in cortical expansion and neurodevelopmental disease susceptibility. Nature Communications, 2019, 10, 2396.	5.8	98
21	Identification of common genetic risk variants for autism spectrum disorder. Nature Genetics, 2019, 51, 431-444.	9.4	1,538
22	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. Cell, 2019, 179, 1469-1482.e11.	13.5	935
23	Discovery of the first genome-wide significant risk loci for attention deficit/hyperactivity disorder. Nature Genetics, 2019, 51, 63-75.	9.4	1,594
24	Early Correction of N-Methyl-D-Aspartate Receptor Function Improves Autistic-like Social Behaviors in Adult Shank2â^'/â^' Mice. Biological Psychiatry, 2019, 85, 534-543.	0.7	56
25	Common schizophrenia alleles are enriched in mutation-intolerant genes and in regions under strong background selection. Nature Genetics, 2018, 50, 381-389.	9.4	1,332
26	Transcriptome-wide association study of schizophrenia and chromatin activity yields mechanistic disease insights. Nature Genetics, 2018, 50, 538-548.	9.4	406
27	The Dynamic Landscape of Open Chromatin during Human Cortical Neurogenesis. Cell, 2018, 172, 289-304.e18.	13.5	281
28	De novo mutations in regulatory elements in neurodevelopmental disorders. Nature, 2018, 555, 611-616.	13.7	232
29	Revealing the brain's molecular architecture. Science, 2018, 362, 1262-1263.	6.0	45
30	Neuron-specific signatures in the chromosomal connectome associated with schizophrenia risk. Science, 2018, 362, .	6.0	162
31	Transcriptome and epigenome landscape of human cortical development modeled in organoids. Science, 2018, 362, .	6.0	220
32	Integrative functional genomic analysis of human brain development and neuropsychiatric risks. Science, 2018, 362, .	6.0	516
33	Transcriptome-wide isoform-level dysregulation in ASD, schizophrenia, and bipolar disorder. Science, 2018, 362, .	6.0	805
34	Comprehensive functional genomic resource and integrative model for the human brain. Science, 2018, 362, .	6.0	618
35	Joint genome-wide association study of progressive supranuclear palsy identifies novel susceptibility loci and genetic correlation to neurodegenerative diseases. Molecular Neurodegeneration, 2018, 13, 41.	4.4	77
36	Selection on the regulation of sympathetic nervous activity in humans and chimpanzees. PLoS Genetics, 2018, 14, e1007311.	1.5	6

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37	Widespread Allelic Heterogeneity in Complex Traits. American Journal of Human Genetics, 2017, 100, 789-802.	2.6	74
38	Advancing the understanding of autism disease mechanisms through genetics. Nature Medicine, 2016, 22, 345-361.	15.2	684
39	The road to precision psychiatry: translating genetics into disease mechanisms. Nature Neuroscience, 2016, 19, 1397-1407.	7.1	189
40	Chromosome conformation elucidates regulatory relationships in developing human brain. Nature, 2016, 538, 523-527.	13.7	507
41	The PsychENCODE project. Nature Neuroscience, 2015, 18, 1707-1712.	7.1	371
42	Alteration in basal and depolarization induced transcriptional network in iPSC derived neurons from Timothy syndrome. Genome Medicine, 2014, 6, 75.	3.6	72
43	Integrative Functional Genomic Analyses Implicate Specific Molecular Pathways and Circuits in Autism. Cell, 2013, 155, 1008-1021.	13.5	948
44	Autism spectrum disorder causes, mechanisms, and treatments: focus on neuronal synapses. Frontiers in Molecular Neuroscience, 2013, 6, 19.	1.4	154
45	Autistic-like social behaviour in Shank2-mutant mice improved by restoring NMDA receptor function. Nature, 2012, 486, 261-265.	13.7	604
46	GIT1 is associated with ADHD in humans and ADHD-like behaviors in mice. Nature Medicine, 2011, 17, 566-572.	15.2	140
47	Regulation of Synaptic Rac1 Activity, Long-Term Potentiation Maintenance, and Learning and Memory by BCR and ABR Rac GTPase-Activating Proteins. Journal of Neuroscience, 2010, 30, 14134-14144.	1.7	91
48	Enhanced NMDA Receptor-Mediated Synaptic Transmission, Enhanced Long-Term Potentiation, and Impaired Learning and Memory in Mice Lacking IRSp53. Journal of Neuroscience, 2009, 29, 1586-1595.	1.7	141