# Hyejung Won

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8928951/publications.pdf

Version: 2024-02-01

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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 | Discovery of the first genome-wide significant risk loci for attention deficit/hyperactivity disorder. Nature Genetics, 2019, 51, 63-75. | 9.4 | 1,594 |
| 2 | Identification of common genetic risk variants for autism spectrum disorder. Nature Genetics, 2019, 51, 431-444. | 9.4 | 1,538 |
| 3 | 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 |
| 4 | Integrative Functional Genomic Analyses Implicate Specific Molecular Pathways and Circuits in Autism. Cell, 2013, 155, 1008-1021. | 13.5 | 948 |
| 5 | Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. Cell, 2019, 179, 1469-1482.e11. | 13.5 | 935 |
| 6 | Transcriptome-wide isoform-level dysregulation in ASD, schizophrenia, and bipolar disorder. Science, 2018, 362, . | 6.0 | 805 |
| 7 | Advancing the understanding of autism disease mechanisms through genetics. Nature Medicine, 2016, 22, 345-361. | 15.2 | 684 |
| 8 | Comprehensive functional genomic resource and integrative model for the human brain. Science, 2018, 362, . | 6.0 | 618 |
| 9 | Autistic-like social behaviour in Shank2-mutant mice improved by restoring NMDA receptor function. Nature, 2012, 486, 261-265. | 13.7 | 604 |
| 10 | Integrative functional genomic analysis of human brain development and neuropsychiatric risks. Science, 2018, 362, . | 6.0 | 516 |
| 11 | Chromosome conformation elucidates regulatory relationships in developing human brain. Nature, 2016, 538, 523-527. | 13.7 | 507 |
| 12 | Transcriptome-wide association study of schizophrenia and chromatin activity yields mechanistic disease insights. Nature Genetics, 2018, 50, 538-548. | 9.4 | 406 |
| 13 | The PsychENCODE project. Nature Neuroscience, 2015, 18, 1707-1712. | 7.1 | 371 |
| 14 | The Dynamic Landscape of Open Chromatin during Human Cortical Neurogenesis. Cell, 2018, 172, 289-304.e18. | 13.5 | 281 |
| 15 | De novo mutations in regulatory elements in neurodevelopmental disorders. Nature, 2018, 555, 611-616. | 13.7 | 232 |
| 16 | Transcriptome and epigenome landscape of human cortical development modeled in organoids. Science, 2018, 362, . | 6.0 | 220 |
| 17 | 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 |
| 18 | The road to precision psychiatry: translating genetics into disease mechanisms. Nature Neuroscience, 2016, 19, 1397-1407. | 7.1 | 189 |

| # | Article | IF | Citations |
|---|---|---|---|
| 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 | Neuron-specific signatures in the chromosomal connectome associated with schizophrenia risk. Science, 2018, 362, . | 6.0 | 162 |
| 21 | Autism spectrum disorder causes, mechanisms, and treatments: focus on neuronal synapses. Frontiers in Molecular Neuroscience, 2013, 6, 19. | 1.4 | 154 |
| 22 | 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 |
| 23 | GIT1 is associated with ADHD in humans and ADHD-like behaviors in mice. Nature Medicine, 2011, 17, 566-572. | 15.2 | 140 |
| 24 | Human evolved regulatory elements modulate genes involved in cortical expansion and neurodevelopmental disease susceptibility. Nature Communications, 2019, 10, 2396. | 5.8 | 98 |
| 25 | 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 |
| 26 | Expanding the genetic architecture of nicotine dependence and its shared genetics with multiple traits. Nature Communications, 2020, 11, 5562. | 5.8 | 80 |
| 27 | 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 |
| 28 | Widespread Allelic Heterogeneity in Complex Traits. American Journal of Human Genetics, 2017, 100, 789-802. | 2.6 | 74 |
| 29 | Alteration in basal and depolarization induced transcriptional network in iPSC derived neurons from Timothy syndrome. Genome Medicine, 2014, 6, 75. | 3.6 | 72 |
| 30 | Integrative genomics identifies a convergent molecular subtype that links epigenomic with transcriptomic differences in autism. Nature Communications, 2020, 11, 4873. | 5.8 | 62 |
| 31 | Social and non-social autism symptoms and trait domains are genetically dissociable. Communications Biology, 2019, 2, 328. | 2.0 | 57 |
| 32 | 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 |
| 33 | 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 |
| 34 | Neuronal and glial 3D chromatin architecture informs the cellular etiology of brain disorders. Nature Communications, 2021, 12, 3968. | 5.8 | 48 |
| 35 | Revealing the brain's molecular architecture. Science, 2018, 362, 1262-1263. | 6.0 | 45 |
| 36 | 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 |

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|---|---|---|---|
| 37 | FIREcaller: Detecting frequently interacting regions from Hi-C data. Computational and Structural Biotechnology Journal, 2021, 19, 355-362. | 1.9 | 22 |
| 38 | 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 |
| 39 | Integration of evidence across human and model organism studies: A meeting report. Genes, Brain and Behavior, 2021, 20, e12738. | 1.1 | 12 |
| 40 | Convergence and Divergence of Rare Genetic Disorders on Brain Phenotypes. JAMA Psychiatry, 2022, 79, 818. | 6.0 | 12 |
| 41 | Schizophrenia-Linked Protein tSNARE1 Regulates Endosomal Trafficking in Cortical Neurons. Journal of Neuroscience, 2021, 41, 9466-9481. | 1.7 | 10 |
| 42 | 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 |
| 43 | Selection on the regulation of sympathetic nervous activity in humans and chimpanzees. PLoS Genetics, 2018, 14, e1007311. | 1.5 | 6 |
| 44 | Regulatory landscape in brain development and disease. Current Opinion in Genetics and Development, 2020, 65, 53-60. | 1.5 | 6 |
| 45 | 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 |
| 46 | Limited Association between Schizophrenia Genetic Risk Factors and Transcriptomic Features. Genes, 2021, 12, 1062. | 1.0 | 5 |
| 47 | Mapping Alzheimer's Disease Variants to Their Target Genes Using Computational Analysis of Chromatin Configuration. Journal of Visualized Experiments, 2020, , . | 0.2 | 4 |
| 48 | Chromatin architecture provides a roadmap to improve our understanding of psychiatric disorders. Neuropsychopharmacology, 2021, 46, 234-235. | 2.8 | 1 |