Joon-Yong An

List of Publications by Year in descending order

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33 papers	5,361 citations	393982 19 h-index	395343 33 g-index
45 all docs	45 docs citations	45 times ranked	9588 citing authors

#	Article	IF	Citations
1	Large-Scale Exome Sequencing Study Implicates Both Developmental and Functional Changes in the Neurobiology of Autism. Cell, 2020, 180, 568-584.e23.	13.5	1,422
2	Transcriptome-wide isoform-level dysregulation in ASD, schizophrenia, and bipolar disorder. Science, 2018, 362, .	6.0	805
3	Comprehensive functional genomic resource and integrative model for the human brain. Science, 2018, 362, .	6.0	618
4	Integrative functional genomic analysis of human brain development and neuropsychiatric risks. Science, 2018, 362, .	6.0	516
5	An analytical framework for whole-genome sequence association studies and its implications for autism spectrum disorder. Nature Genetics, 2018, 50, 727-736.	9.4	235
6	Genome-wide de novo risk score implicates promoter variation in autism spectrum disorder. Science, 2018, 362, .	6.0	234
7	Transcriptome and epigenome landscape of human cortical development modeled in organoids. Science, 2018, 362, .	6.0	220
8	Opposing Effects on Na V 1.2 Function Underlie Differences Between SCN2A Variants Observed in Individuals With Autism Spectrum Disorder or Infantile Seizures. Biological Psychiatry, 2017, 82, 224-232.	0.7	208
9	Neurodevelopmental and neuropsychiatric disorders represent an interconnected molecular system. Molecular Psychiatry, 2014, 19, 294-301.	4.1	188
10	Defining the diverse spectrum of inversions, complex structural variation, and chromothripsis in the morbid humanÂgenome. Genome Biology, 2017, 18, 36.	3.8	159
11	Whole genome sequencing in psychiatric disorders: the WGSPD consortium. Nature Neuroscience, 2017, 20, 1661-1668.	7.1	122
12	Whole-Genome and RNA Sequencing Reveal Variation and Transcriptomic Coordination in the Developing Human Prefrontal Cortex. Cell Reports, 2020, 31, 107489.	2.9	91
13	An integrative analysis of non-coding regulatory DNA variations associated with autism spectrum disorder. Molecular Psychiatry, 2019, 24, 1707-1719.	4.1	59
14	Towards a molecular characterization of autism spectrum disorders: an exome sequencing and systems approach. Translational Psychiatry, 2014, 4, e394-e394.	2.4	57
15	Integrative Multi-Omics Approaches in Cancer Research: From Biological Networks to Clinical Subtypes. Molecules and Cells, 2021, 44, 433-443.	1.0	57
16	Neuronal and glial 3D chromatin architecture informs the cellular etiology of brain disorders. Nature Communications, 2021, 12, 3968.	5.8	48
17	Genetic heterogeneity in autism: From single gene to a pathway perspective. Neuroscience and Biobehavioral Reviews, 2016, 68, 442-453.	2.9	46
18	Revealing the brain's molecular architecture. Science, 2018, 362, 1262-1263.	6.0	45

#	Article	IF	Citations
19	Genetic architecture of autism spectrum disorder: Lessons from large-scale genomic studies. Neuroscience and Biobehavioral Reviews, 2021, 128, 244-257.	2.9	31
20	Developmental dynamics of voltage-gated sodium channel isoform expression in the human and mouse brain. Genome Medicine, 2021, 13, 135.	3.6	19
21	CRISPR screens identify a novel combination treatment targeting BCL-XL and WNT signaling for KRAS/BRAF-mutated colorectal cancers. Oncogene, 2021, 40, 3287-3302.	2.6	18
22	Ferroptosis-Related Genes in Neurodevelopment and Central Nervous System. Biology, 2021, 10, 35.	1.3	17
23	High-throughput characterization of the role of non-B DNA motifs on promoter function. Cell Genomics, 2022, 2, 100111.	3.0	17
24	Homeostatic plasticity fails at the intersection of autism-gene mutations and a novel class of common genetic modifiers. ELife, 2020, 9, .	2.8	14
25	Large-Scale Exome Sequencing Study Implicates Both Developmental and Functional Changes in the Neurobiology of Autism. SSRN Electronic Journal, 0, , .	0.4	12
26	National human genome projects: an update and an agenda. Epidemiology and Health, 2017, 39, e2017045.	0.8	10
27	ANO1 regulates the maintenance of stemness in glioblastoma stem cells by stabilizing EGFRvIII. Oncogene, 2021, 40, 1490-1502.	2.6	9
28	Non-coding de novo mutations in chromatin interactions are implicated in autism spectrum disorder. Molecular Psychiatry, 2022, 27, 4680-4694.	4.1	9
29	Appreciating the Population-wide Impact of Copy Number Variants on Cognition. Biological Psychiatry, 2017, 82, 78-80.	0.7	4
30	Spatio-Temporal Roles of ASD-Associated Variants in Human Brain Development. Genes, 2020, 11, 535.	1.0	3
31	Kdm3b haploinsufficiency impairs the consolidation of cerebellum-dependent motor memory in mice. Molecular Brain, 2021, 14, 106.	1.3	2
32	Infantile esotropia in a family with TUBB3 mutation associated congenital fibrosis of extraocular muscles. Ophthalmic Genetics, 2022, 43, 716-719.	0.5	2
33	Identification of Possible Risk Variants of Familial Strabismus Using Exome Sequencing Analysis. Genes, 2021, 12, 75.	1.0	1