Joon-Yong An

List of Publications by Year
in descending order

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33 papers	5,361 citations	394286 19 h-index	395590 33 g-index
45 all docs	45 docs citations	45 times ranked	9588 citing authors

#	Article	IF	Citations
1	High-throughput characterization of the role of non-B DNA motifs on promoter function. Cell Genomics, 2022, 2, 100111.	3.0	17
2	Infantile esotropia in a family with TUBB3 mutation associated congenital fibrosis of extraocular muscles. Ophthalmic Genetics, 2022, 43, 716-719.	0.5	2
3	Non-coding de novo mutations in chromatin interactions are implicated in autism spectrum disorder. Molecular Psychiatry, 2022, 27, 4680-4694.	4.1	9
4	Identification of Possible Risk Variants of Familial Strabismus Using Exome Sequencing Analysis. Genes, 2021, 12, 75.	1.0	1
5	Ferroptosis-Related Genes in Neurodevelopment and Central Nervous System. Biology, 2021, 10, 35.	1.3	17
6	ANO1 regulates the maintenance of stemness in glioblastoma stem cells by stabilizing EGFRvIII. Oncogene, 2021, 40, 1490-1502.	2.6	9
7	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
8	Neuronal and glial 3D chromatin architecture informs the cellular etiology of brain disorders. Nature Communications, 2021, 12, 3968.	5.8	48
9	Integrative Multi-Omics Approaches in Cancer Research: From Biological Networks to Clinical Subtypes. Molecules and Cells, 2021, 44, 433-443.	1.0	57
10	Kdm3b haploinsufficiency impairs the consolidation of cerebellum-dependent motor memory in mice. Molecular Brain, 2021, 14, 106.	1.3	2
11	Developmental dynamics of voltage-gated sodium channel isoform expression in the human and mouse brain. Genome Medicine, 2021, 13, 135.	3.6	19
12	Genetic architecture of autism spectrum disorder: Lessons from large-scale genomic studies. Neuroscience and Biobehavioral Reviews, 2021, 128, 244-257.	2.9	31
13	Spatio-Temporal Roles of ASD-Associated Variants in Human Brain Development. Genes, 2020, 11, 535.	1.0	3
14	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
15	Whole-Genome and RNA Sequencing Reveal Variation and Transcriptomic Coordination in the Developing Human Prefrontal Cortex. Cell Reports, 2020, 31, 107489.	2.9	91
16	Homeostatic plasticity fails at the intersection of autism-gene mutations and a novel class of common genetic modifiers. ELife, 2020, 9, .	2.8	14
17	An integrative analysis of non-coding regulatory DNA variations associated with autism spectrum disorder. Molecular Psychiatry, 2019, 24, 1707-1719.	4.1	59
18	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

#	Article	IF	Citations
19	Revealing the brain's molecular architecture. Science, 2018, 362, 1262-1263.	6.0	45
20	Genome-wide de novo risk score implicates promoter variation in autism spectrum disorder. Science, 2018, 362, .	6.0	234
21	Transcriptome and epigenome landscape of human cortical development modeled in organoids. Science, 2018, 362, .	6.0	220
22	Integrative functional genomic analysis of human brain development and neuropsychiatric risks. Science, 2018, 362, .	6.0	516
23	Transcriptome-wide isoform-level dysregulation in ASD, schizophrenia, and bipolar disorder. Science, 2018, 362, .	6.0	805
24	Comprehensive functional genomic resource and integrative model for the human brain. Science, 2018, 362, .	6.0	618
25	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
26	Defining the diverse spectrum of inversions, complex structural variation, and chromothripsis in the morbid humanÂgenome. Genome Biology, 2017, 18, 36.	3.8	159
27	Appreciating the Population-wide Impact of Copy Number Variants on Cognition. Biological Psychiatry, 2017, 82, 78-80.	0.7	4
28	Whole genome sequencing in psychiatric disorders: the WGSPD consortium. Nature Neuroscience, 2017, 20, 1661-1668.	7.1	122
29	National human genome projects: an update and an agenda. Epidemiology and Health, 2017, 39, e2017045.	0.8	10
30	Genetic heterogeneity in autism: From single gene to a pathway perspective. Neuroscience and Biobehavioral Reviews, 2016, 68, 442-453.	2.9	46
31	Neurodevelopmental and neuropsychiatric disorders represent an interconnected molecular system. Molecular Psychiatry, 2014, 19, 294-301.	4.1	188
32	Towards a molecular characterization of autism spectrum disorders: an exome sequencing and systems approach. Translational Psychiatry, 2014, 4, e394-e394.	2.4	57
33	Large-Scale Exome Sequencing Study Implicates Both Developmental and Functional Changes in the Neurobiology of Autism. SSRN Electronic Journal, 0, , .	0.4	12