Ying Zhu

List of Publications by Citations

26 papers	4,862 citations	19 h-index	27 g-index
27 ext. papers	6,506 ext. citations	22.4 avg, IF	4.44 L-index

#	Paper	IF	Citations
26	Spatio-temporal transcriptome of the human brain. *Nature*, **2011**, 478, 483-9	50.4	1302
25	Coexpression networks implicate human midfetal deep cortical projection neurons in the pathogenesis of autism. *Cell*, **2013**, 155, 997-1007	56.2	591
24	Transcriptome-wide isoform-level dysregulation in ASD, schizophrenia, and bipolar disorder. *Science*, **2018**, 362,	33.3	434
23	Whole-exome sequencing identifies recessive WDR62 mutations in severe brain malformations. *Nature*, **2010**, 467, 207-10	50.4	395
22	Comprehensive functional genomic resource and integrative model for the human brain. *Science*, **2018**, 362,	33.3	319
21	The Cellular and Molecular Landscapes of the Developing Human Central Nervous System. *Neuron*, **2016**, 89, 248-68	13.9	312
20	Integrative functional genomic analysis of human brain development and neuropsychiatric risks. *Science*, **2018**, 362,	33.3	277
19	Zika Virus Disrupts Phospho-TBK1 Localization and Mitosis in Human Neuroepithelial Stem Cells and Radial Glia. *Cell Reports*, **2016**, 16, 2576-2592	10.6	192
18	Temporal specification and bilaterality of human neocortical topographic gene expression. *Neuron*, **2014**, 81, 321-32	13.9	159
17	Transcriptome and epigenome landscape of human cortical development modeled in organoids. *Science*, **2018**, 362,	33.3	142
16	TBR1 directly represses Fezf2 to control the laminar origin and development of the corticospinal tract. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 3041-6	11.5	140
15	Molecular and cellular reorganization of neural circuits in the human lineage. *Science*, **2017**, 358, 1027-1032	33.3	127
14	Spatiotemporal transcriptomic divergence across human and macaque brain development. *Science*, **2018**, 362,	33.3	127
13	Down Syndrome Developmental Brain Transcriptome Reveals Defective Oligodendrocyte Differentiation and Myelination. *Neuron*, **2016**, 89, 1208-1222	13.9	120
12	Recessive LAMC3 mutations cause malformations of occipital cortical development. *Nature Genetics*, **2011**, 43, 590-4	36.3	85
11	TSHZ3 deletion causes an autism syndrome and defects in cortical projection neurons. *Nature Genetics*, **2016**, 48, 1359-1369	36.3	36
10	Disruption of TCF4 regulatory networks leads to abnormal cortical development and mental disabilities. *Molecular Psychiatry*, **2019**, 24, 1235-1246	15.1	34

List of Publications

9	Simultaneous dimension reduction and adjustment for confounding variation. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 14662-14667	11.5	24
8	B Cell Presentation of Chlamydia Antigen Selects Out Protective CD4 3 T Cells: Implications for Genital Tract Tissue-Resident Memory Lymphocyte Clusters. *Infection and Immunity*, **2018**, 86,	3.7	20
7	XSAnno: a framework for building ortholog models in cross-species transcriptome comparisons. *BMC Genomics*, **2014**, 15, 343	4.5	17
6	Transcriptional programs regulating neuronal differentiation are disrupted in DLG2 knockout human embryonic stem cells and enriched for schizophrenia and related disorders risk variants.. *Nature Communications*, **2022**, 13, 27	17.4	3
5	Differential immunomodulatory effect of PARP inhibition in BRCA1 deficient and competent tumor cells. *Biochemical Pharmacology*, **2021**, 184, 114359	6	2
4	The Molecular Landscape of the Developing Human Central Nervous System **2016**, 203-220		1
3	DLG2 knockout reveals neurogenic transcriptional programs underlying neuropsychiatric disorders and cognition		1
2	Rapid Body-Wide Transcriptomic Turnover During Rhesus Macaque Perinatal Development. *Frontiers in Physiology*, **2021**, 12, 690540	4.6	1
1	TLR9 Deficiency in B Cells Promotes Immune Tolerance via Interleukin-10 in a Type 1 Diabetes Mouse Model. *Diabetes*, **2021**, 70, 504-515	0.9	1