Qian Wu

List of Publications by Year in descending order

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31 papers	2,662 citations	430874 18 h-index	434195 31 g-index
43 all docs	43 docs citations	43 times ranked	5057 citing authors

#	Article	IF	Citations
1	A single-cell RNA-seq survey of the developmental landscape of the human prefrontal cortex. Nature, 2018, 555, 524-528.	27.8	551
2	COVID-19 immune features revealed by a large-scale single-cell transcriptome atlas. Cell, 2021, 184, 1895-1913.e19.	28.9	512
3	Vascularized human cortical organoids (vOrganoids) model cortical development in vivo. PLoS Biology, 2020, 18, e3000705.	5.6	202
4	Spatial transcriptomic survey of human embryonic cerebral cortex by single-cell RNA-seq analysis. Cell Research, 2018, 28, 730-745.	12.0	179
5	Single-Cell Analysis of Human Retina Identifies Evolutionarily Conserved and Species-Specific Mechanisms Controlling Development. Developmental Cell, 2020, 53, 473-491.e9.	7.0	170
6	Decoding the development of the human hippocampus. Nature, 2020, 577, 531-536.	27.8	141
7	Recapitulating cortical development with organoid culture in vitro and modeling abnormal spindle-like (ASPM related primary) microcephaly disease. Protein and Cell, 2017, 8, 823-833.	11.0	124
8	The Primate-Specific Gene TMEM14B Marks Outer Radial Glia Cells and Promotes Cortical Expansion and Folding. Cell Stem Cell, 2017, 21, 635-649.e8.	11.1	102
9	Single-cell transcriptome analysis reveals cell lineage specification in temporal-spatial patterns in human cortical development. Science Advances, 2020, 6, eaaz2978.	10.3	88
10	Mouse and human share conserved transcriptional programs for interneuron development. Science, 2021, 374, eabj6641.	12.6	75
11	LSD1 co-repressor Rcor2 orchestrates neurogenesis in the developing mouse brain. Nature Communications, 2016, 7, 10481.	12.8	51
12	Cellular and molecular properties of neural progenitors in the developing mammalian hypothalamus. Nature Communications, 2020, 11, 4063.	12.8	50
13	Transcriptome dynamics of hippocampal neurogenesis in macaques across the lifespan and aged humans. Cell Research, 2022, 32, 729-743.	12.0	48
14	Chromatin accessibility analysis reveals regulatory dynamics of developing human retina and hiPSC-derived retinal organoids. Science Advances, 2020, 6, eaay5247.	10.3	47
15	CRISPR/Cas9-mediated genome engineering of the ferret. Cell Research, 2015, 25, 1372-1375.	12.0	40
16	The Dynamics of Neuronal Migration. Advances in Experimental Medicine and Biology, 2014, 800, 25-36.	1.6	37
17	Vertical Transmission of the Zika Virus Causes Neurological Disorders in Mouse Offspring. Scientific Reports, 2018, 8, 3541.	3.3	36
18	Cenpj Regulates Cilia Disassembly and Neurogenesis in the Developing Mouse Cortex. Journal of Neuroscience, 2019, 39, 1994-2010.	3.6	36

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19	Transcriptomic encoding of sensorimotor transformation in the midbrain. ELife, 2021, 10, .	6.0	27
20	A single-cell transcriptome atlas of the aging human and macaque retina. National Science Review, 2021, 8, nwaa179.	9.5	26
21	Interrogation of the microenvironmental landscape in spinal ependymomas reveals dual functions of tumor-associated macrophages. Nature Communications, 2021, 12, 6867.	12.8	19
22	Modeling brain development and diseases with human cerebral organoids. Current Opinion in Neurobiology, 2021, 66, 103-115.	4.2	15
23	Deciphering the spatial-temporal transcriptional landscape of human hypothalamus development. Cell Stem Cell, 2022, 29, 328-343.e5.	11.1	15
24	Progressive Stabilization of Brain Network Dynamics during Childhood and Adolescence. Cerebral Cortex, 2022, 32, 1024-1039.	2.9	14
25	Integrative analysis of in vivo recording with single-cell RNA-seq data reveals molecular properties of light-sensitive neurons in mouse V1. Protein and Cell, 2020, 11, 417-432.	11.0	13
26	Neuronal stem cells in the central nervous system and in human diseases. Protein and Cell, 2012, 3, 262-270.	11.0	11
27	Early Excitatory Activity-Dependent Maturation of Somatostatin Interneurons in Cortical Layer 2/3 of Mice. Cerebral Cortex, 2019, 29, 4107-4118.	2.9	9
28	Comparison of chromatin accessibility landscapes during early development of prefrontal cortex between rhesus macaque and human. Nature Communications, 2022, 13, .	12.8	7
29	Morphological and Physiological Characteristics of Ebf2-EGFP-Expressing Cajal-Retzius Cells in Developing Mouse Neocortex. Cerebral Cortex, 2019, 29, 3864-3878.	2.9	6
30	Abundant Self-Amplifying Intermediate Progenitors in the Subventricular Zone of the Chinese Tree Shrew Neocortex. Cerebral Cortex, 2020, 30, 3370-3380.	2.9	5
31	Loss of the centrosomal protein Cenpj leads to dysfunction of the hypothalamus and obesity in mice. Science China Life Sciences, 2021, 64, 419-433.	4.9	5