

# Qian Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Progressive Stabilization of Brain Network Dynamics during Childhood and Adolescence. <i>Cerebral Cortex</i> , 2022, 32, 1024-1039.	2.9	14
2	Deciphering the spatial-temporal transcriptional landscape of human hypothalamus development. <i>Cell Stem Cell</i> , 2022, 29, 328-343.e5.	11.1	15
3	Transcriptome dynamics of hippocampal neurogenesis in macaques across the lifespan and aged humans. <i>Cell Research</i> , 2022, 32, 729-743.	12.0	48
4	Comparison of chromatin accessibility landscapes during early development of prefrontal cortex between rhesus macaque and human. <i>Nature Communications</i> , 2022, 13, .	12.8	7
5	A single-cell transcriptome atlas of the aging human and macaque retina. <i>National Science Review</i> , 2021, 8, nwaal179.	9.5	26
6	Modeling brain development and diseases with human cerebral organoids. <i>Current Opinion in Neurobiology</i> , 2021, 66, 103-115.	4.2	15
7	Loss of the centrosomal protein Cenpj leads to dysfunction of the hypothalamus and obesity in mice. <i>Science China Life Sciences</i> , 2021, 64, 419-433.	4.9	5
8	COVID-19 immune features revealed by a large-scale single-cell transcriptome atlas. <i>Cell</i> , 2021, 184, 1895-1913.e19.	28.9	512
9	Transcriptomic encoding of sensorimotor transformation in the midbrain. <i>ELife</i> , 2021, 10, .	6.0	27
10	Interrogation of the microenvironmental landscape in spinal ependymomas reveals dual functions of tumor-associated macrophages. <i>Nature Communications</i> , 2021, 12, 6867.	12.8	19
11	Mouse and human share conserved transcriptional programs for interneuron development. <i>Science</i> , 2021, 374, eabj6641.	12.6	75
12	Cellular and molecular properties of neural progenitors in the developing mammalian hypothalamus. <i>Nature Communications</i> , 2020, 11, 4063.	12.8	50
13	Single-cell transcriptome analysis reveals cell lineage specification in temporal-spatial patterns in human cortical development. <i>Science Advances</i> , 2020, 6, eaaz2978.	10.3	88
14	Vascularized human cortical organoids (vOrganoids) model cortical development in vivo. <i>PLoS Biology</i> , 2020, 18, e3000705.	5.6	202
15	Single-Cell Analysis of Human Retina Identifies Evolutionarily Conserved and Species-Specific Mechanisms Controlling Development. <i>Developmental Cell</i> , 2020, 53, 473-491.e9.	7.0	170
16	Chromatin accessibility analysis reveals regulatory dynamics of developing human retina and hiPSC-derived retinal organoids. <i>Science Advances</i> , 2020, 6, eaay5247.	10.3	47
17	Abundant Self-Amplifying Intermediate Progenitors in the Subventricular Zone of the Chinese Tree Shrew Neocortex. <i>Cerebral Cortex</i> , 2020, 30, 3370-3380.	2.9	5
18	Decoding the development of the human hippocampus. <i>Nature</i> , 2020, 577, 531-536.	27.8	141

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19	Integrative analysis of in vivo recording with single-cell RNA-seq data reveals molecular properties of light-sensitive neurons in mouse V1. <i>Protein and Cell</i> , 2020, 11, 417-432.	11.0	13
20	Early Excitatory Activity-Dependent Maturation of Somatostatin Interneurons in Cortical Layer 2/3 of Mice. <i>Cerebral Cortex</i> , 2019, 29, 4107-4118.	2.9	9
21	Cenpj Regulates Cilia Disassembly and Neurogenesis in the Developing Mouse Cortex. <i>Journal of Neuroscience</i> , 2019, 39, 1994-2010.	3.6	36
22	Morphological and Physiological Characteristics of Ebf2-EGFP-Expressing Cajal-Retzius Cells in Developing Mouse Neocortex. <i>Cerebral Cortex</i> , 2019, 29, 3864-3878.	2.9	6
23	Vertical Transmission of the Zika Virus Causes Neurological Disorders in Mouse Offspring. <i>Scientific Reports</i> , 2018, 8, 3541.	3.3	36
24	A single-cell RNA-seq survey of the developmental landscape of the human prefrontal cortex. <i>Nature</i> , 2018, 555, 524-528.	27.8	551
25	Spatial transcriptomic survey of human embryonic cerebral cortex by single-cell RNA-seq analysis. <i>Cell Research</i> , 2018, 28, 730-745.	12.0	179
26	The Primate-Specific Gene TMEM14B Marks Outer Radial Glia Cells and Promotes Cortical Expansion and Folding. <i>Cell Stem Cell</i> , 2017, 21, 635-649.e8.	11.1	102
27	Recapitulating cortical development with organoid culture in vitro and modeling abnormal spindle-like (ASPM related primary) microcephaly disease. <i>Protein and Cell</i> , 2017, 8, 823-833.	11.0	124
28	LSD1 co-repressor Rcor2 orchestrates neurogenesis in the developing mouse brain. <i>Nature Communications</i> , 2016, 7, 10481.	12.8	51
29	CRISPR/Cas9-mediated genome engineering of the ferret. <i>Cell Research</i> , 2015, 25, 1372-1375.	12.0	40
30	The Dynamics of Neuronal Migration. <i>Advances in Experimental Medicine and Biology</i> , 2014, 800, 25-36.	1.6	37
31	Neuronal stem cells in the central nervous system and in human diseases. <i>Protein and Cell</i> , 2012, 3, 262-270.	11.0	11