

# Jian Qian Wu

## List of Publications by Year in descending order

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28  
papers

6,187  
citations

566801

15  
h-index

500791

28  
g-index

28  
all docs

28  
docs citations

28  
times ranked

12725  
citing authors

#	ARTICLE	IF	CITATIONS
1	An RNA-Sequencing Transcriptome and Splicing Database of Glia, Neurons, and Vascular Cells of the Cerebral Cortex. <i>Journal of Neuroscience</i> , 2014, 34, 11929-11947.	1.7	4,119
2	Reactive astrocyte nomenclature, definitions, and future directions. <i>Nature Neuroscience</i> , 2021, 24, 312-325.	7.1	1,098
3	Dynamic transcriptomes during neural differentiation of human embryonic stem cells revealed by short, long, and paired-end sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5254-5259.	3.3	168
4	Systematic discovery of regulated and conserved alternative exons in the mammalian brain reveals NMD modulating chromatin regulators. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3445-3450.	3.3	131
5	Tcf7 Is an Important Regulator of the Switch of Self-Renewal and Differentiation in a Multipotential Hematopoietic Cell Line. <i>PLoS Genetics</i> , 2012, 8, e1002565.	1.5	88
6	RNA-Seq Characterization of Spinal Cord Injury Transcriptome in Acute/Subacute Phases: A Resource for Understanding the Pathology at the Systems Level. <i>PLoS ONE</i> , 2013, 8, e72567.	1.1	86
7	Comprehensive Identification of Long Non-coding RNAs in Purified Cell Types from the Brain Reveals Functional LncRNA in OPC Fate Determination. <i>PLoS Genetics</i> , 2015, 11, e1005669.	1.5	82
8	Single-cell RNA-seq of the brain. <i>Clinical and Translational Medicine</i> , 2017, 6, 20.	1.7	49
9	The Many Faces of Astrocytes in Alzheimer's Disease. <i>Frontiers in Neurology</i> , 2021, 12, 619626.	1.1	47
10	The systematic analysis of coding and long non-coding RNAs in the sub-chronic and chronic stages of spinal cord injury. <i>Scientific Reports</i> , 2017, 7, 41008.	1.6	46
11	Alternative splicing: An important mechanism in stem cell biology. <i>World Journal of Stem Cells</i> , 2015, 7, 1.	1.3	40
12	Human neural progenitors derived from integration-free iPSCs for SCI therapy. <i>Stem Cell Research</i> , 2017, 19, 55-64.	0.3	37
13	Molecular and functional architecture of the mouse photoreceptor network. <i>Science Advances</i> , 2020, 6, eaba7232.	4.7	35
14	Angiogenic gene networks are dysregulated in opioid use disorder: evidence from multi-omics and imaging of postmortem human brain. <i>Molecular Psychiatry</i> , 2021, 26, 7803-7812.	4.1	31
15	Brain Region-Specific Gene Signatures Revealed by Distinct Astrocyte Subpopulations Unveil Links to Glioma and Neurodegenerative Diseases. <i>ENeuro</i> , 2019, 6, ENEURO.0288-18.2019.	0.9	31
16	Building an RNA Sequencing Transcriptome of the Central Nervous System. <i>Neuroscientist</i> , 2016, 22, 579-592.	2.6	21
17	Hemogenic Endothelial Cells Can Transition to Hematopoietic Stem Cells through a B-1 Lymphocyte-Biased State during Maturation in the Mouse Embryo. <i>Stem Cell Reports</i> , 2019, 13, 21-30.	2.3	14
18	Systematic analysis of purified astrocytes after SCI unveils Zeb2os function during astrogliosis. <i>Cell Reports</i> , 2021, 34, 108721.	2.9	14

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19	OLIG2 regulates lncRNAs and its own expression during oligodendrocyte lineage formation. BMC Biology, 2021, 19, 132.	1.7	11
20	Presence of complete murine viral genome sequences in patient-derived xenografts. Nature Communications, 2021, 12, 2031.	5.8	9
21	Coding and long non-coding gene expression changes in the CNS traumatic injuries. Cellular and Molecular Life Sciences, 2022, 79, 123.	2.4	7
22	Profiling of Stem/Progenitor Cell Regulatory Genes of the Synovial Joint by Genome-Wide RNA-Seq Analysis. BioMed Research International, 2018, 2018, 1-9.	0.9	6
23	The <scp>SNARE</scp> regulator Complexin3 is a target of the cone circadian clock. Journal of Comparative Neurology, 2021, 529, 1066-1080.	0.9	6
24	An integrated global regulatory network of hematopoietic precursor cell self-renewal and differentiation. Integrative Biology (United Kingdom), 2018, 10, 390-405.	0.6	4
25	Long Noncoding RNAs: Critical Regulators for Cell Lineage Commitment in the Central Nervous System. Translational Bioinformatics, 2016, , 73-97.	0.0	3
26	Identifying Transcription Factor Olig2 Genomic Binding Sites in Acutely Purified PDGFR <sup>+</sup> Cells by Low-cell Chromatin Immunoprecipitation Sequencing Analysis. Journal of Visualized Experiments, 2018, , .	0.2	2
27	Identification of Key Factors Regulating Self-renewal and Differentiation in EML Hematopoietic Precursor Cells by RNA-sequencing Analysis. Journal of Visualized Experiments, 2014, , e52104.	0.2	1
28	Transcriptome of rat subcortical white matter and spinal cord after spinal injury and cortical stimulation. Scientific Data, 2021, 8, 175.	2.4	1