Q Deng

List of Publications by Year
in descending order

40 papers	6,959 citations	257101 24 h-index	301761 39 g-index
50 all docs	50 docs citations	50 times ranked	11266 citing authors

#	Article	IF	Citations
1	Full-length mRNA-Seq from single-cell levels of RNA and individual circulating tumor cells. Nature Biotechnology, 2012, 30, 777-782.	9.4	1,347
2	Single-Cell RNA-Seq Reveals Dynamic, Random Monoallelic Gene Expression in Mammalian Cells. Science, 2014, 343, 193-196.	6.0	1,164
3	Single-Cell RNA-Seq Reveals Lineage and X Chromosome Dynamics in Human Preimplantation Embryos. Cell, 2016, 165, 1012-1026.	13.5	830
4	Identification of Intrinsic Determinants of Midbrain Dopamine Neurons. Cell, 2006, 124, 393-405.	13.5	549
5	Electrophysiological, transcriptomic and morphologic profiling of single neurons using Patch-seq. Nature Biotechnology, 2016, 34, 199-203.	9.4	478
6	Myelodysplastic Syndromes Are Propagated by Rare and Distinct Human Cancer Stem Cells InÂVivo. Cancer Cell, 2014, 25, 794-808.	7.7	272
7	Single-cell RNA sequencing: Technical advancements and biological applications. Molecular Aspects of Medicine, 2018, 59, 36-46.	2.7	258
8	Laser capture microscopy coupled with Smart-seq2 for precise spatial transcriptomic profiling. Nature Communications, 2016, 7, 12139.	5.8	246
9	Lymphomyeloid Contribution of an Immune-Restricted Progenitor Emerging Prior to Definitive Hematopoietic Stem Cells. Cell Stem Cell, 2013, 13, 535-548.	5.2	225
10	Prenatal androgen exposure and transgenerational susceptibility to polycystic ovary syndrome. Nature Medicine, 2019, 25, 1894-1904.	15.2	193
11	Analysis of allelic expression patterns in clonal somatic cells by single-cell RNAâ€“seq. Nature Genetics, 2016, 48, 1430-1435.	9.4	142
12	Specific and integrated roles of Lmx1a, Lmx1b and Phox2a in ventral midbrain development. Development (Cambridge), 2011, 138, 3399-3408.	1.2	119
13	GABA Regulates Release of Inflammatory Cytokines From Peripheral Blood Mononuclear Cells and CD4+ T Cells and Is Immunosuppressive in Type 1 Diabetes. EBioMedicine, 2018, 30, 283-294.	2.7	104
14	Single-Cell RNA-Seq Reveals Cellular Heterogeneity of Pluripotency Transition and X Chromosome Dynamics during Early Mouse Development. Cell Reports, 2019, 26, 2593-2607.e3.	2.9	102
15	Single-cell analyses of X Chromosome inactivation dynamics and pluripotency during differentiation. Genome Research, 2016, 26, 1342-1354.	2.4	93
16	Lmx1a and Lmx1b regulate mitochondrial functions and survival of adult midbrain dopaminergic neurons. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4387-96.	3.3	75
17	Dopaminergic control of autophagic-lysosomal function implicates Lmx1b in Parkinson's disease. Nature Neuroscience, 2015, 18, 826-835.	7.1	72
18	Epigenetic inheritance of polycystic ovary syndrome â€” challenges and opportunities for treatment. Nature Reviews Endocrinology, 2021, 17, 521-533.	4.3	72

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19	Transcription Factor-Induced Lineage Selection of Stem-Cell-Derived Neural Progenitor Cells. Cell Stem Cell, 2011, 8, 663-675.	5.2	65
20	LCM-Seq: A Method for Spatial Transcriptomic Profiling Using Laser Capture Microdissection Coupled with PolyA-Based RNA Sequencing. Methods in Molecular Biology, 2018, 1649, 95-110.	0.4	53
21	Single-nuclei transcriptomes from human adrenal gland reveal distinct cellular identities of low and high-risk neuroblastoma tumors. Nature Communications, 2021, 12, 5309.	5.8	38
22	Loss of CSL Unlocks a Hypoxic Response and Enhanced Tumor Growth Potential in Breast Cancer Cells. Stem Cell Reports, 2016, 6, 643-651.	2.3	31
23	Dopamine Receptor Antagonists Enhance Proliferation and Neurogenesis of Midbrain Lmx1a-expressing Progenitors. Scientific Reports, 2016, 6, 26448.	1.6	29
24	LCM-seq reveals unique transcriptional adaptation mechanisms of resistant neurons and identifies protective pathways in spinal muscular atrophy. Genome Research, 2020, 30, 1083-1096.	2.4	29
25	Spatial RNA Sequencing Identifies Robust Markers of Vulnerable and Resistant Human Midbrain Dopamine Neurons and Their Expression in Parkinsonâ€™s Disease. Frontiers in Molecular Neuroscience, 2021, 14, 699562.	1.4	24
26	Prenatal androgen exposure causes a sexually dimorphic transgenerational increase in offspring susceptibility to anxiety disorders. Translational Psychiatry, 2021, 11, 45.	2.4	22
27	Genomic correlation, shared loci, and causal relationship between obesity and polycystic ovary syndrome: a large-scale genome-wide cross-trait analysis. BMC Medicine, 2022, 20, 66.	2.3	22
28	Intussusceptive Vascular Remodeling Precedes Pathological Neovascularization. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 1402-1418.	1.1	20
29	Elastic dosage compensation by X-chromosome upregulation. Nature Communications, 2022, 13, 1854.	5.8	18
30	Revealing allele-specific gene expression by single-cell transcriptomics. International Journal of Biochemistry and Cell Biology, 2017, 90, 155-160.	1.2	17
31	ZnT8 loss-of-function accelerates functional maturation of hESC-derived Î² cells and resists metabolic stress in diabetes. Nature Communications, 2022, 13, .	5.8	17
32	Single-Cell Analysis Reveals Major Histocompatibility Complex IIâ€'Expressing Keratinocytes in Pressure Ulcers with Worse Healing Outcomes. Journal of Investigative Dermatology, 2022, 142, 705-716.	0.3	14
33	A genome-wide cross-trait analysis identifies shared loci and causal relationships of type 2 diabetes and glycaemic traits with polycystic ovary syndrome. Diabetologia, 2022, 65, 1483-1494.	2.9	13
34	Is there a shared genetic basis and causal relationship between polycystic ovary syndrome and psychiatric disorders: evidence from a comprehensive genetic analysis. Human Reproduction, 2021, 36, 2382-2391.	0.4	9
35	Transmission of Polycystic Ovary Syndrome via Epigenetic Inheritance. Trends in Molecular Medicine, 2021, 27, 723-724.	3.5	7
36	Excess of ovarian nerve growth factor impairs embryonic development and causes reproductive and metabolic dysfunction in adult female mice. FASEB Journal, 2020, 34, 14440-14457.	0.2	6

#	Article	IF	Citations
37	In Vitro Differentiation of Murine Embryonic Stem Cells (ESCs) into Primordial Germ Cell-like Cells (PGCLCs). Methods in Molecular Biology, 2022, 2490, 213-233.	0.4	1
38	Myelodysplastic Syndromes Are Propagated by Rare and Distinct Human Cancer Stem Cells InÂVivo. Cancer Cell, 2015, 27, 603-605.	7.7	0
39	Single-Cell Rna-Seq Reveals Cellular Heterogeneity of Pluripotency Transition and X-Chromosome Dynamics During Early Postimplantation Mouse Development. SSRN Electronic Journal, 0, , .	0.4	0
40	Differentiation of Human-Induced Pluripotent Stem Cells (hiPSCs) into Human Primordial Germ Cell-like Cells (hPGCLCs) In Vitro. Methods in Molecular Biology, 2022, 2490, 235-249.	0.4	0