

# Q Deng

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

6,959  
citations

257450

24  
h-index

302126

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. <i>Nature Biotechnology</i> , 2012, 30, 777-782.	17.5	1,347
2	Single-Cell RNA-Seq Reveals Dynamic, Random Monoallelic Gene Expression in Mammalian Cells. <i>Science</i> , 2014, 343, 193-196.	12.6	1,164
3	Single-Cell RNA-Seq Reveals Lineage and X Chromosome Dynamics in Human Preimplantation Embryos. <i>Cell</i> , 2016, 165, 1012-1026.	28.9	830
4	Identification of Intrinsic Determinants of Midbrain Dopamine Neurons. <i>Cell</i> , 2006, 124, 393-405.	28.9	549
5	Electrophysiological, transcriptomic and morphologic profiling of single neurons using Patch-seq. <i>Nature Biotechnology</i> , 2016, 34, 199-203.	17.5	478
6	Myelodysplastic Syndromes Are Propagated by Rare and Distinct Human Cancer Stem Cells In Vivo. <i>Cancer Cell</i> , 2014, 25, 794-808.	16.8	272
7	Single-cell RNA sequencing: Technical advancements and biological applications. <i>Molecular Aspects of Medicine</i> , 2018, 59, 36-46.	6.4	258
8	Laser capture microscopy coupled with Smart-seq2 for precise spatial transcriptomic profiling. <i>Nature Communications</i> , 2016, 7, 12139.	12.8	246
9	Lymphomyeloid Contribution of an Immune-Restricted Progenitor Emerging Prior to Definitive Hematopoietic Stem Cells. <i>Cell Stem Cell</i> , 2013, 13, 535-548.	11.1	225
10	Prenatal androgen exposure and transgenerational susceptibility to polycystic ovary syndrome. <i>Nature Medicine</i> , 2019, 25, 1894-1904.	30.7	193
11	Analysis of allelic expression patterns in clonal somatic cells by single-cell RNA-seq. <i>Nature Genetics</i> , 2016, 48, 1430-1435.	21.4	142
12	Specific and integrated roles of Lmx1a, Lmx1b and Phox2a in ventral midbrain development. <i>Development (Cambridge)</i> , 2011, 138, 3399-3408.	2.5	119
13	GABA Regulates Release of Inflammatory Cytokines From Peripheral Blood Mononuclear Cells and CD4+ T Cells and Is Immunosuppressive in Type 1 Diabetes. <i>EBioMedicine</i> , 2018, 30, 283-294.	6.1	104
14	Single-Cell RNA-Seq Reveals Cellular Heterogeneity of Pluripotency Transition and X Chromosome Dynamics during Early Mouse Development. <i>Cell Reports</i> , 2019, 26, 2593-2607.e3.	6.4	102
15	Single-cell analyses of X Chromosome inactivation dynamics and pluripotency during differentiation. <i>Genome Research</i> , 2016, 26, 1342-1354.	5.5	93
16	Lmx1a and Lmx1b regulate mitochondrial functions and survival of adult midbrain dopaminergic neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4387-96.	7.1	75
17	Dopaminergic control of autophagic-lysosomal function implicates Lmx1b in Parkinson's disease. <i>Nature Neuroscience</i> , 2015, 18, 826-835.	14.8	72
18	Epigenetic inheritance of polycystic ovary syndrome " challenges and opportunities for treatment. <i>Nature Reviews Endocrinology</i> , 2021, 17, 521-533.	9.6	72

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19	Transcription Factor-Induced Lineage Selection of Stem-Cell-Derived Neural Progenitor Cells. <i>Cell Stem Cell</i> , 2011, 8, 663-675.	11.1	65
20	LCM-Seq: A Method for Spatial Transcriptomic Profiling Using Laser Capture Microdissection Coupled with PolyA-Based RNA Sequencing. <i>Methods in Molecular Biology</i> , 2018, 1649, 95-110.	0.9	53
21	Single-nuclei transcriptomes from human adrenal gland reveal distinct cellular identities of low and high-risk neuroblastoma tumors. <i>Nature Communications</i> , 2021, 12, 5309.	12.8	38
22	Loss of CSL Unlocks a Hypoxic Response and Enhanced Tumor Growth Potential in Breast Cancer Cells. <i>Stem Cell Reports</i> , 2016, 6, 643-651.	4.8	31
23	Dopamine Receptor Antagonists Enhance Proliferation and Neurogenesis of Midbrain Lmx1a-expressing Progenitors. <i>Scientific Reports</i> , 2016, 6, 26448.	3.3	29
24	LCM-seq reveals unique transcriptional adaptation mechanisms of resistant neurons and identifies protective pathways in spinal muscular atrophy. <i>Genome Research</i> , 2020, 30, 1083-1096.	5.5	29
25	Spatial RNA Sequencing Identifies Robust Markers of Vulnerable and Resistant Human Midbrain Dopamine Neurons and Their Expression in Parkinson's Disease. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 699562.	2.9	24
26	Prenatal androgen exposure causes a sexually dimorphic transgenerational increase in offspring susceptibility to anxiety disorders. <i>Translational Psychiatry</i> , 2021, 11, 45.	4.8	22
27	Genomic correlation, shared loci, and causal relationship between obesity and polycystic ovary syndrome: a large-scale genome-wide cross-trait analysis. <i>BMC Medicine</i> , 2022, 20, 66.	5.5	22
28	Intussusceptive Vascular Remodeling Precedes Pathological Neovascularization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 1402-1418.	2.4	20
29	Elastic dosage compensation by X-chromosome upregulation. <i>Nature Communications</i> , 2022, 13, 1854.	12.8	18
30	Revealing allele-specific gene expression by single-cell transcriptomics. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 90, 155-160.	2.8	17
31	ZnT8 loss-of-function accelerates functional maturation of hESC-derived $\beta^2$ cells and resists metabolic stress in diabetes. <i>Nature Communications</i> , 2022, 13, .	12.8	17
32	Single-Cell Analysis Reveals Major Histocompatibility Complex II-Expressing Keratinocytes in Pressure Ulcers with Worse Healing Outcomes. <i>Journal of Investigative Dermatology</i> , 2022, 142, 705-716.	0.7	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. <i>Diabetologia</i> , 2022, 65, 1483-1494.	6.3	13
34	Is there a shared genetic basis and causal relationship between polycystic ovary syndrome and psychiatric disorders: evidence from a comprehensive genetic analysis. <i>Human Reproduction</i> , 2021, 36, 2382-2391.	0.9	9
35	Transmission of Polycystic Ovary Syndrome via Epigenetic Inheritance. <i>Trends in Molecular Medicine</i> , 2021, 27, 723-724.	6.7	7
36	Excess of ovarian nerve growth factor impairs embryonic development and causes reproductive and metabolic dysfunction in adult female mice. <i>FASEB Journal</i> , 2020, 34, 14440-14457.	0.5	6

#	ARTICLE	IF	CITATIONS
37	In Vitro Differentiation of Murine Embryonic Stem Cells (ESCs) into Primordial Germ Cell-like Cells (PGCLCs). <i>Methods in Molecular Biology</i> , 2022, 2490, 213-233.	0.9	1
38	Myelodysplastic Syndromes Are Propagated by Rare and Distinct Human Cancer Stem Cells In Vivo. <i>Cancer Cell</i> , 2015, 27, 603-605.	16.8	0
39	Single-Cell Rna-Seq Reveals Cellular Heterogeneity of Pluripotency Transition and X-Chromosome Dynamics During Early Postimplantation Mouse Development. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
40	Differentiation of Human-Induced Pluripotent Stem Cells (hiPSCs) into Human Primordial Germ Cell-like Cells (hPGCLCs) In Vitro. <i>Methods in Molecular Biology</i> , 2022, 2490, 235-249.	0.9	0