

# Deyou Zheng

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

158  
papers

13,757  
citations

51  
h-index

116  
g-index

242  
ext. papers

16,362  
ext. citations

12.6  
avg, IF

5.9  
L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 158 | The DNA dioxygenase Tet1 regulates H3K27 modification and embryonic stem cell biology independent of its catalytic activity.. <i>Nucleic Acids Research</i> , <b>2022</b> ,                            | 20.1 | 4         |
| 157 | Tet-mediated DNA demethylation regulates specification of hematopoietic stem and progenitor cells during mammalian embryogenesis.. <i>Science Advances</i> , <b>2022</b> , 8, eabm3470                 | 14.3 | 0         |
| 156 | The immune checkpoint B7-H3 (CD276) regulates adipocyte progenitor metabolism and obesity development.. <i>Science Advances</i> , <b>2022</b> , 8, eabm7012  | 14.3 | 0         |
| 155 | Characterization of cell-cell communication in autistic brains with single-cell transcriptomes.. <i>Journal of Neurodevelopmental Disorders</i> , <b>2022</b> , 14, 29                                 | 4.6  | 0         |
| 154 | The immune checkpoint B7x expands tumor-infiltrating Tregs and promotes resistance to anti-CTLA-4 therapy.. <i>Nature Communications</i> , <b>2022</b> , 13, 2506                                      | 17.4 | 0         |
| 153 | MEDB-76. Evaluating the B7-H3 checkpoint in Medulloblastoma. <i>Neuro-Oncology</i> , <b>2022</b> , 24, i124-i124   | 1    |           |
| 152 | Single cell multi-omic analysis identifies a Tbx1-dependent multilineage primed population in murine cardiopharyngeal mesoderm. <i>Nature Communications</i> , <b>2021</b> , 12, 6645                  | 17.4 | 3         |
| 151 | Cistrome analysis of YY1 uncovers a regulatory axis of YY1:BRD2/4-PFKP during tumorigenesis of advanced prostate cancer. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, 4971-4988                   | 20.1 | 1         |
| 150 | Bardet-Biedl syndrome proteins regulate intracellular signaling and neuronal function in patient-specific iPSC-derived neurons. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,          | 15.9 | 6         |
| 149 | Phase separation drives aberrant chromatin looping and cancer development. <i>Nature</i> , <b>2021</b> , 595, 591-595  | 50.4 | 36        |
| 148 | KIR3DL3-HHLA2 is a human immunosuppressive pathway and a therapeutic target. <i>Science Immunology</i> , <b>2021</b> , 6,  | 28   | 12        |
| 147 | Advances in the development of gene therapy, noncoding RNA, and exosome-based treatments for tendinopathy. <i>Annals of the New York Academy of Sciences</i> , <b>2021</b> , 1490, 3-12                | 6.5  | 6         |
| 146 | Pseudogene Profiling for Cancer Subtype Classification. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2324, 307-317  | 1.7  | 0         |
| 145 | Multi-omics analysis to identify susceptibility genes for colorectal cancer. <i>Human Molecular Genetics</i> , <b>2021</b> , 30, 321-330   | 5.6  | 2         |
| 144 | The interaction of SKP2 with p27 enhances the progression and stemness of osteosarcoma. <i>Annals of the New York Academy of Sciences</i> , <b>2021</b> , 1490, 90-104                                 | 6.5  | 2         |
| 143 | Polycomb complexes redundantly maintain epidermal stem cell identity during development. <i>Genes and Development</i> , <b>2021</b> , 35, 354-366  | 12.6 | 8         |
| 142 | ZMYND11-MBTD1 induces leukemogenesis through hijacking NuA4/TIP60 acetyltransferase complex and a PWWP-mediated chromatin association mechanism. <i>Nature Communications</i> , <b>2021</b> , 12, 1045 | 17.4 | 6         |

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| 141 | Molecular Features of Cancer-associated Fibroblast Subtypes and their Implication on Cancer Pathogenesis, Prognosis, and Immunotherapy Resistance. <i>Clinical Cancer Research</i> , <b>2021</b> , 27, 2636-2647  | 12.9 | 16 |
| 140 | Robust integration of multiple single-cell RNA sequencing datasets using a single reference space. <i>Nature Biotechnology</i> , <b>2021</b> , 39, 877-884  | 44.5 | 6  |
| 139 | Perinatal angiogenesis from pre-existing coronary vessels via DLL4-NOTCH1 signalling. <i>Nature Cell Biology</i> , <b>2021</b> , 23, 967-977  | 23.4 | 6  |
| 138 | Tissue-resident macrophages promote early dissemination of multiple myeloma via IL-6 and TNF $\alpha$ . <i>Blood Advances</i> , <b>2021</b> , 5, 3592-3608  | 7.8  | 2  |
| 137 | UV-induced reduction in Polycomb repression promotes epidermal pigmentation. <i>Developmental Cell</i> , <b>2021</b> , 56, 2547-2561.e8   | 10.2 | 2  |
| 136 | Transcription factor MEF2D is required for the maintenance of MLL-rearranged acute myeloid leukemia. <i>Blood Advances</i> , <b>2021</b> , 5, 4727-4740   | 7.8  | 4  |
| 135 | Polycomb repressive complex 2 in adult hair follicle stem cells is dispensable for hair regeneration.. <i>PLoS Genetics</i> , <b>2021</b> , 17, e1009948  | 6    | 0  |
| 134 | NFI transcription factors provide chromatin access to maintain stem cell identity while preventing unintended lineage fate choices. <i>Nature Cell Biology</i> , <b>2020</b> , 22, 640-650  | 23.4 | 14 |
| 133 | Transcriptome analysis of neural progenitor cells derived from Lowe syndrome induced pluripotent stem cells: identification of candidate genes for the neurodevelopmental and eye manifestations. <i>Journal of Neurodevelopmental Disorders</i> , <b>2020</b> , 12, 14 | 4.6  | 6  |
| 132 | Stereo3D: using stereo images to enrich 3D visualization. <i>Bioinformatics</i> , <b>2020</b> , 36, 4189-4190   | 7.2  | 1  |
| 131 | Microglial Homeostasis Requires Balanced CSF-1/CSF-2 Receptor Signaling. <i>Cell Reports</i> , <b>2020</b> , 30, 3004-3019.e54  | 10.6 | 33 |
| 130 | Non-catalytic Roles of Tet2 Are Essential to Regulate Hematopoietic Stem and Progenitor Cell Homeostasis. <i>Cell Reports</i> , <b>2019</b> , 28, 2480-2490.e4  | 10.6 | 33 |
| 129 | Profiling of chromatin accessibility and identification of general cis-regulatory mechanisms that control two ocular lens differentiation pathways. <i>Epigenetics and Chromatin</i> , <b>2019</b> , 12, 27   | 5.8  | 21 |
| 128 | PHF19 promotes multiple myeloma tumorigenicity through PRC2 activation and broad H3K27me3 domain formation. <i>Blood</i> , <b>2019</b> , 134, 1176-1189   | 2.2  | 38 |
| 127 | Rinf Regulates Pluripotency Network Genes and Tet Enzymes in Embryonic Stem Cells. <i>Cell Reports</i> , <b>2019</b> , 28, 1993-2003.e5   | 10.6 | 10 |
| 126 | Spatiotemporal Gene Coexpression and Regulation in Mouse Cardiomyocytes of Early Cardiac Morphogenesis. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e012941   | 6    | 8  |
| 125 | Polycomb Repressive Complex 1 Controls Maintenance of Fungiform Papillae by Repressing Sonic Hedgehog Expression. <i>Cell Reports</i> , <b>2019</b> , 28, 257-266.e5  | 10.6 | 8  |
| 124 | Intrauterine Programming of Diabetes Induced Cardiac Embryopathy <b>2019</b> , 4,   |      | 1  |

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| 123 | amplifies androgen receptor output in human prostate cancer and contributes to antiandrogen resistance. <i>ELife</i> , <b>2019</b> , 8,   | 8.9  | 12 |
| 122 | Dissection of Merkel cell formation in hairy and glabrous skin reveals a common requirement for FGFR2-mediated signalling. <i>Experimental Dermatology</i> , <b>2019</b> , 28, 374-382                              | 4    | 7  |
| 121 | Transcriptomic analysis and novel insights into lens fibre cell differentiation regulated by Gata3. <i>Open Biology</i> , <b>2019</b> , 9, 190220   | 7    | 5  |
| 120 | Drosophila RpS12 controls translation, growth, and cell competition through Xrp1. <i>PLoS Genetics</i> , <b>2019</b> , 15, e1008513   | 6    | 15 |
| 119 | PRC1 preserves epidermal tissue integrity independently of PRC2. <i>Genes and Development</i> , <b>2019</b> , 33, 55-60   | 12.6 | 26 |
| 118 | Bidirectional Analysis of Cryba4-Crybb1 Nascent Transcription and Nuclear Accumulation of Crybb3 mRNAs in Lens Fibers <b>2019</b> , 60, 234-244   |      | 7  |
| 117 | Proteome-transcriptome analysis and proteome remodeling in mouse lens epithelium and fibers. <i>Experimental Eye Research</i> , <b>2019</b> , 179, 32-46  | 3.7  | 24 |
| 116 | The Chromatin Remodeler BPTF Activates a Stemness Gene-Expression Program Essential for the Maintenance of Adult Hematopoietic Stem Cells. <i>Stem Cell Reports</i> , <b>2018</b> , 10, 675-683                     | 8    | 15 |
| 115 | Deletion size analysis of 1680 22q11.2DS subjects identifies a new recombination hotspot on chromosome 22q11.2. <i>Human Molecular Genetics</i> , <b>2018</b> , 27, 1150-1163                                       | 5.6  | 18 |
| 114 | Temporal Layering of Signaling Effectors Drives Chromatin Remodeling during Hair Follicle Stem Cell Lineage Progression. <i>Cell Stem Cell</i> , <b>2018</b> , 22, 398-413.e7                                       | 18   | 53 |
| 113 | Disruption of Interneuron Neurogenesis in Premature Newborns and Reversal with Estrogen Treatment. <i>Journal of Neuroscience</i> , <b>2018</b> , 38, 1100-1113   | 6.6  | 18 |
| 112 | Enriched expression of genes associated with autism spectrum disorders in human inhibitory neurons. <i>Translational Psychiatry</i> , <b>2018</b> , 8, 13   | 8.6  | 34 |
| 111 | PRC1 Fine-tunes Gene Repression and Activation to Safeguard Skin Development and Stem Cell Specification. <i>Cell Stem Cell</i> , <b>2018</b> , 22, 726-739.e7  | 18   | 69 |
| 110 | A comprehensive spatial-temporal transcriptomic analysis of differentiating nascent mouse lens epithelial and fiber cells. <i>Experimental Eye Research</i> , <b>2018</b> , 175, 56-72                              | 3.7  | 22 |
| 109 | FOXF1 Defines the Core-Regulatory Circuitry in Gastrointestinal Stromal Tumor. <i>Cancer Discovery</i> , <b>2018</b> , 8, 234-251   | 24.4 | 29 |
| 108 | Metabolite differences between glutamate carboxypeptidase II gene knockout mice and their wild-type littermates after traumatic brain injury: a 7-tesla H-MRS study. <i>BMC Neuroscience</i> , <b>2018</b> , 19, 75 | 3.2  |    |
| 107 | SMARTcleaner: identify and clean off-target signals in SMART ChIP-seq analysis. <i>BMC Bioinformatics</i> , <b>2018</b> , 19, 544   | 3.6  | 2  |
| 106 | Six3 and Six6 Are Jointly Required for the Maintenance of Multipotent Retinal Progenitors through Both Positive and Negative Regulation. <i>Cell Reports</i> , <b>2018</b> , 25, 2510-2523.e4                       | 10.6 | 17 |

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| 105 | ZFX Mediates Non-canonical Oncogenic Functions of the Androgen Receptor Splice Variant 7 in Castrate-Resistant Prostate Cancer. <i>Molecular Cell</i> , <b>2018</b> , 72, 341-354.e6   | 17.6 | 38  |
| 104 | Down-regulation of Skp2 expression inhibits invasion and lung metastasis in osteosarcoma. <i>Scientific Reports</i> , <b>2018</b> , 8, 14294   | 4.9  | 29  |
| 103 | Epigenetic and genetic dissections of UV-induced global gene dysregulation in skin cells through multi-omics analyses. <i>Scientific Reports</i> , <b>2017</b> , 7, 42646  | 4.9  | 16  |
| 102 | Non-CpG methylation by DNMT3B facilitates REST binding and gene silencing in developing mouse hearts. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, 3102-3115  | 20.1 | 24  |
| 101 | ERF mutations reveal a balance of ETS factors controlling prostate oncogenesis. <i>Nature</i> , <b>2017</b> , 546, 671-674   | 9.4  | 47  |
| 100 | Transcriptome analysis of microglia in a mouse model of Rett syndrome: differential expression of genes associated with microglia/macrophage activation and cellular stress. <i>Molecular Autism</i> , <b>2017</b> , 8, 17     | 6.5  | 34  |
| 99  | CRISPR/Cas9-mediated heterozygous knockout of the autism gene CHD8 and characterization of its transcriptional networks in cerebral organoids derived from iPS cells. <i>Molecular Autism</i> , <b>2017</b> , 8, 11            | 6.5  | 156 |
| 98  | PHB Associates with the HIRA Complex to Control an Epigenetic-Metabolic Circuit in Human ESCs. <i>Cell Stem Cell</i> , <b>2017</b> , 20, 274-289.e7  | 18   | 27  |
| 97  | Reduced dosage of Ectatenin provides significant rescue of cardiac outflow tract anomalies in a Tbx1 conditional null mouse model of 22q11.2 deletion syndrome. <i>PLoS Genetics</i> , <b>2017</b> , 13, e1006687              | 6    | 21  |
| 96  | N-myc regulates growth and fiber cell differentiation in lens development. <i>Developmental Biology</i> , <b>2017</b> , 429, 105-117   | 3.1  | 25  |
| 95  | REST regulates the cell cycle for cardiac development and regeneration. <i>Nature Communications</i> , <b>2017</b> , 8, 1979   | 17.4 | 26  |
| 94  | Aberrant Activation of a Gastrointestinal Transcriptional Circuit in Prostate Cancer Mediates Castration Resistance. <i>Cancer Cell</i> , <b>2017</b> , 32, 792-806.e7   | 24.3 | 39  |
| 93  | In Utero Exposure to a High-Fat Diet Programs Hepatic Hypermethylation and Gene Dysregulation and Development of Metabolic Syndrome in Male Mice. <i>Endocrinology</i> , <b>2017</b> , 158, 2860-2872                          | 4.8  | 29  |
| 92  | Evolutionary Origins of Pax6 Control of Crystallin Genes. <i>Genome Biology and Evolution</i> , <b>2017</b> , 9, 2075-2093   | 3.9  | 14  |
| 91  | Characteristics of allelic gene expression in human brain cells from single-cell RNA-seq data analysis. <i>BMC Genomics</i> , <b>2017</b> , 18, 860  | 4.5  | 8   |
| 90  | Regulation of the glucocorticoid receptor via a BET-dependent enhancer drives antiandrogen resistance in prostate cancer. <i>ELife</i> , <b>2017</b> , 6,  | 8.9  | 106 |
| 89  | Author response: Regulation of the glucocorticoid receptor via a BET-dependent enhancer drives antiandrogen resistance in prostate cancer <b>2017</b> ,  |      | 2   |
| 88  | MYOSLID Is a Novel Serum Response Factor-Dependent Long Noncoding RNA That Amplifies the Vascular Smooth Muscle Differentiation Program. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2016</b> , 36, 2088-99 | 9.4  | 70  |

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|----|---|------|-----|
| 87 | Pax6 associates with H3K4-specific histone methyltransferases Mll1, Mll2, and Set1a and regulates H3K4 methylation at promoters and enhancers. <i>Epigenetics and Chromatin</i> , <b>2016</b> , 9, 37                   | 5.8  | 17  |
| 86 | Integrative transcriptome network analysis of iPSC-derived neurons from schizophrenia and schizoaffective disorder patients with 22q11.2 deletion. <i>BMC Systems Biology</i> , <b>2016</b> , 10, 105                   | 3.5  | 61  |
| 85 | Epigenetic Perturbations by Arg882-Mutated DNMT3A Potentiate Aberrant Stem Cell Gene-Expression Program and Acute Leukemia Development. <i>Cancer Cell</i> , <b>2016</b> , 30, 92-107                                   | 24.3 | 96  |
| 84 | Transcriptomics analysis of iPSC-derived neurons and modeling of neuropsychiatric disorders. <i>Molecular and Cellular Neurosciences</i> , <b>2016</b> , 73, 32-42  | 4.8  | 24  |
| 83 | Polycomb-Mediated Repression and Sonic Hedgehog Signaling Interact to Regulate Merkel Cell Specification during Skin Development. <i>PLoS Genetics</i> , <b>2016</b> , 12, e1006151                                     | 6    | 37  |
| 82 | Reduced CYFIP1 in Human Neural Progenitors Results in Dysregulation of Schizophrenia and Epilepsy Gene Networks. <i>PLoS ONE</i> , <b>2016</b> , 11, e0148039   | 3.7  | 21  |
| 81 | Loss of MEN1 activates DNMT1 implicating DNA hypermethylation as a driver of MEN1 tumorigenesis. <i>Oncotarget</i> , <b>2016</b> , 7, 12633-50  | 3.3  | 17  |
| 80 | RNA-seq Identification of RACGAP1 as a Metastatic Driver in Uterine Carcinosarcoma. <i>Clinical Cancer Research</i> , <b>2016</b> , 22, 4676-86   | 12.9 | 31  |
| 79 | Divergence and rewiring of regulatory networks for neural development between human and other species. <i>Neurogenesis (Austin, Tex)</i> , <b>2016</b> , 3, e1231495  |      | 4   |
| 78 | Pangolin genomes and the evolution of mammalian scales and immunity. <i>Genome Research</i> , <b>2016</b> , 26, 1312-1322   | 9.7  | 54  |
| 77 | Pioneer factors govern super-enhancer dynamics in stem cell plasticity and lineage choice. <i>Nature</i> , <b>2015</b> , 521, 366-70  | 50.4 | 255 |
| 76 | Identification of in vivo DNA-binding mechanisms of Pax6 and reconstruction of Pax6-dependent gene regulatory networks during forebrain and lens development. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, 6827-46 | 20.1 | 70  |
| 75 | Alternative transcription initiation leads to expression of a novel ALK isoform in cancer. <i>Nature</i> , <b>2015</b> , 526, 453-7   | 50.4 | 144 |
| 74 | Significant expansion of the REST/NRSF cistrome in human versus mouse embryonic stem cells: potential implications for neural development. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, 5730-43                    | 20.1 | 29  |
| 73 | Selective inhibition of EZH2 and EZH1 enzymatic activity by a small molecule suppresses MLL-rearranged leukemia. <i>Blood</i> , <b>2015</b> , 125, 346-57   | 2.2  | 148 |
| 72 | Colony stimulating factor-1 receptor signaling networks inhibit mouse macrophage inflammatory responses by induction of microRNA-21. <i>Blood</i> , <b>2015</b> , 125, e1-13  | 2.2  | 85  |
| 71 | CRISPR/Cas9-mediated heterozygous knockout of the autism gene CHD8 and characterization of its transcriptional networks in neurodevelopment. <i>Molecular Autism</i> , <b>2015</b> , 6, 55                              | 6.5  | 99  |
| 70 | ETS family transcriptional regulators drive chromatin dynamics and malignancy in squamous cell carcinomas. <i>ELife</i> , <b>2015</b> , 4, e10870   | 8.9  | 47  |

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|----|---|------|-----|
| 69 | MicroRNA Profiling of Neurons Generated Using Induced Pluripotent Stem Cells Derived from Patients with Schizophrenia and Schizoaffective Disorder, and 22q11.2 Del. <i>PLoS ONE</i> , <b>2015</b> , 10, e0132387 | 3.7  | 69  |
| 68 | Comprehensive transcriptional landscape of aging mouse liver. <i>BMC Genomics</i> , <b>2015</b> , 16, 899   | 4.5  | 66  |
| 67 | ZNF804A Transcriptional Networks in Differentiating Neurons Derived from Induced Pluripotent Stem Cells of Human Origin. <i>PLoS ONE</i> , <b>2015</b> , 10, e0124597   | 3.7  | 29  |
| 66 | Chromatin features, RNA polymerase II and the comparative expression of lens genes encoding crystallins, transcription factors, and autophagy mediators. <i>Molecular Vision</i> , <b>2015</b> , 21, 955-73       | 2.3  | 16  |
| 65 | Epigenetic Reprogramming of Cis-Regulatory Sites By R882-Mutated DNMT3A Potentiates Aberrant Stem Cell Gene Program and Acute Leukemia Development. <i>Blood</i> , <b>2015</b> , 126, 2430-2430                   | 2.2  |     |
| 64 | Tbx1 is required autonomously for cell survival and fate in the pharyngeal core mesoderm to form the muscles of mastication. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 4215-31                          | 5.6  | 27  |
| 63 | In vivo transcriptional governance of hair follicle stem cells by canonical Wnt regulators. <i>Nature Cell Biology</i> , <b>2014</b> , 16, 179-90   | 23.4 | 135 |
| 62 | PRC2 is recurrently inactivated through EED or SUZ12 loss in malignant peripheral nerve sheath tumors. <i>Nature Genetics</i> , <b>2014</b> , 46, 1227-32   | 36.3 | 348 |
| 61 | Identification and initial functional characterization of a human vascular cell-enriched long noncoding RNA. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 1249-59                | 9.4  | 202 |
| 60 | DNA methylation is developmentally regulated for genes essential for cardiogenesis. <i>Journal of the American Heart Association</i> , <b>2014</b> , 3, e000976   | 6    | 57  |
| 59 | Pseudogene Evolution in the Human Genome <b>2014</b> ,  |      | 2   |
| 58 | Characterization of human pseudogene-derived non-coding RNAs for functional potential. <i>PLoS ONE</i> , <b>2014</b> , 9, e93972  | 3.7  | 42  |
| 57 | Mammalian TBX1 preferentially binds and regulates downstream targets via a tandem T-site repeat. <i>PLoS ONE</i> , <b>2014</b> , 9, e95151  | 3.7  | 22  |
| 56 | Comparison of REST cistromes across human cell types reveals common and context-specific functions. <i>PLoS Computational Biology</i> , <b>2014</b> , 10, e1003671  | 5    | 27  |
| 55 | SOX9: a stem cell transcriptional regulator of secreted niche signaling factors. <i>Genes and Development</i> , <b>2014</b> , 28, 328-41  | 12.6 | 127 |
| 54 | Heat shock alters the expression of schizophrenia and autism candidate genes in an induced pluripotent stem cell model of the human telencephalon. <i>PLoS ONE</i> , <b>2014</b> , 9, e94968                      | 3.7  | 35  |
| 53 | ETS factors reprogram the androgen receptor cistrome and prime prostate tumorigenesis in response to PTEN loss. <i>Nature Medicine</i> , <b>2013</b> , 19, 1023-9   | 50.5 | 205 |
| 52 | Glucocorticoid receptor confers resistance to antiandrogens by bypassing androgen receptor blockade. <i>Cell</i> , <b>2013</b> , 155, 1309-22   | 56.2 | 595 |

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|----|---|------|-----|
| 51 | Architectural niche organization by LHX2 is linked to hair follicle stem cell function. <i>Cell Stem Cell</i> , <b>2013</b> , 13, 314-27  | 18   | 64  |
| 50 | Hira-dependent histone H3.3 deposition facilitates PRC2 recruitment at developmental loci in ES cells. <i>Cell</i> , <b>2013</b> , 155, 107-20  | 56.2 | 185 |
| 49 | Nfatc1 orchestrates aging in hair follicle stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, E4950-9  | 11.5 | 104 |
| 48 | An H3K36 methylation-engaging Tudor motif of polycomb-like proteins mediates PRC2 complex targeting. <i>Molecular Cell</i> , <b>2013</b> , 49, 571-82   | 17.6 | 165 |
| 47 | The yeast Snt2 protein coordinates the transcriptional response to hydrogen peroxide-mediated oxidative stress. <i>Molecular and Cellular Biology</i> , <b>2013</b> , 33, 3735-48   | 4.8  | 26  |
| 46 | Androgen receptor signaling regulates DNA repair in prostate cancers. <i>Cancer Discovery</i> , <b>2013</b> , 3, 1245-53  | 34.4 | 284 |
| 45 | Pax6 interactions with chromatin and identification of its novel direct target genes in lens and forebrain. <i>PLoS ONE</i> , <b>2013</b> , 8, e54507   | 3.7  | 54  |
| 44 | Transcriptome comparison of human neurons generated using induced pluripotent stem cells derived from dental pulp and skin fibroblasts. <i>PLoS ONE</i> , <b>2013</b> , 8, e75682   | 3.7  | 34  |
| 43 | RACGAP1 overexpression in uterine carcinosarcomas.. <i>Journal of Clinical Oncology</i> , <b>2013</b> , 31, e22009-e22009   | 20.9 | 209 |
| 42 | Endocardial cells form the coronary arteries by angiogenesis through myocardial-endocardial VEGF signaling. <i>Cell</i> , <b>2012</b> , 151, 1083-96  | 56.2 | 254 |
| 41 | A core erythroid transcriptional network is repressed by a master regulator of myelo-lymphoid differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 3832-7 | 11.5 | 57  |
| 40 | Allele-biased expression in differentiating human neurons: implications for neuropsychiatric disorders. <i>PLoS ONE</i> , <b>2012</b> , 7, e44017   | 3.7  | 52  |
| 39 | Development of patient-specific neurons in schizophrenia using induced pluripotent stem cells. <i>Journal of Neurogenetics</i> , <b>2011</b> , 25, 88-103   | 1.6  | 106 |
| 38 | Genome-wide maps of histone modifications unwind in vivo chromatin states of the hair follicle lineage. <i>Cell Stem Cell</i> , <b>2011</b> , 9, 219-32   | 18   | 159 |
| 37 | RNA-Seq of human neurons derived from iPS cells reveals candidate long non-coding RNAs involved in neurogenesis and neuropsychiatric disorders. <i>PLoS ONE</i> , <b>2011</b> , 6, e23356   | 3.7  | 195 |
| 36 | A large gene network in immature erythroid cells is controlled by the myeloid and B cell transcriptional regulator PU.1. <i>PLoS Genetics</i> , <b>2011</b> , 7, e1001392   | 6    | 32  |
| 35 | Regulatory Roles of Novel Small RNAs from Pseudogenes <b>2011</b> , 193-208   |      | 1   |
| 34 | ETV1 is a lineage survival factor that cooperates with KIT in gastrointestinal stromal tumours. <i>Nature</i> , <b>2010</b> , 467, 849-53   | 50.4 | 229 |

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|----|---|------|------|
| 33 | Corepressor for element-1-silencing transcription factor preferentially mediates gene networks underlying neural stem cell fate decisions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 16685-90 | 11.5 | 48   |
| 32 | Distinct factors control histone variant H3.3 localization at specific genomic regions. <i>Cell</i> , <b>2010</b> , 140, 678-91   | 56.2 | 876  |
| 31 | Ecatenin promoter CHIP-chip reveals potential schizophrenia and bipolar disorder gene network. <i>Journal of Neurogenetics</i> , <b>2010</b> , 24, 182-93   | 1.6  | 24   |
| 30 | REST and CoREST modulate neuronal subtype specification, maturation and maintenance. <i>PLoS ONE</i> , <b>2009</b> , 4, e7936   | 3.7  | 99   |
| 29 | Small RNAs originated from pseudogenes: cis- or trans-acting?. <i>PLoS Computational Biology</i> , <b>2009</b> , 5, e1000449  | 5    | 58   |
| 28 | Comprehensive analysis of the pseudogenes of glycolytic enzymes in vertebrates: the anomalously high number of GAPDH pseudogenes highlights a recent burst of retrotrans-positional activity. <i>BMC Genomics</i> , <b>2009</b> , 10, 480                       | 4.5  | 41   |
| 27 | Comparative analysis of processed ribosomal protein pseudogenes in four mammalian genomes. <i>Genome Biology</i> , <b>2009</b> , 10, R2   | 18.3 | 72   |
| 26 | Profiling RE1/REST-mediated histone modifications in the human genome. <i>Genome Biology</i> , <b>2009</b> , 10, R9   | 18.3 | 62   |
| 25 | Differential deployment of REST and CoREST promotes glial subtype specification and oligodendrocyte lineage maturation. <i>PLoS ONE</i> , <b>2009</b> , 4, e7665  | 3.7  | 67   |
| 24 | Asymmetric histone modifications between the original and derived loci of human segmental duplications. <i>Genome Biology</i> , <b>2008</b> , 9, R105   | 18.3 | 19   |
| 23 | Gene duplication in the epigenomic era. <i>Epigenetics</i> , <b>2008</b> , 3, 250-3   | 5.7  | 3    |
| 22 | What is a gene, post-ENCODE? History and updated definition. <i>Genome Research</i> , <b>2007</b> , 17, 669-81  | 9.7  | 417  |
| 21 | Integrated analysis of experimental data sets reveals many novel promoters in 1% of the human genome. <i>Genome Research</i> , <b>2007</b> , 17, 720-31   | 9.7  | 31   |
| 20 | Identification and analysis of functional elements in 1% of the human genome by the ENCODE pilot project. <i>Nature</i> , <b>2007</b> , 447, 799-816  | 50.4 | 4121 |
| 19 | The ambiguous boundary between genes and pseudogenes: the dead rise up, or do they?. <i>Trends in Genetics</i> , <b>2007</b> , 23, 219-24   | 8.5  | 81   |
| 18 | Assessing the performance of different high-density tiling microarray strategies for mapping transcribed regions of the human genome. <i>Genome Research</i> , <b>2007</b> , 17, 886-97   | 9.7  | 25   |
| 17 | The DART classification of unannotated transcription within the ENCODE regions: associating transcription with known and novel loci. <i>Genome Research</i> , <b>2007</b> , 17, 732-45  | 9.7  | 21   |
| 16 | Pseudogenes in the ENCODE regions: consensus annotation, analysis of transcription, and evolution. <i>Genome Research</i> , <b>2007</b> , 17, 839-51  | 9.7  | 158  |

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|----|---|------|-----|
| 15 | Pseudogene.org: a comprehensive database and comparison platform for pseudogene annotation. <i>Nucleic Acids Research</i> , <b>2007</b> , 35, D55-60  | 20.1 | 140 |
| 14 | PseudoPipe: an automated pseudogene identification pipeline. <i>Bioinformatics</i> , <b>2006</b> , 22, 1437-9   | 7.2  | 136 |
| 13 | A computational approach for identifying pseudogenes in the ENCODE regions. <i>Genome Biology</i> , <b>2006</b> , 7 Suppl 1, S13.1-10   | 18.3 | 32  |
| 12 | Integrated pseudogene annotation for human chromosome 22: evidence for transcription. <i>Journal of Molecular Biology</i> , <b>2005</b> , 349, 27-45  | 6.5  | 65  |
| 11 | Proton sensitivity of ASIC1 appeared with the rise of fishes by changes of residues in the region that follows TM1 in the ectodomain of the channel. <i>Journal of Physiology</i> , <b>2005</b> , 568, 725-35                 | 3.9  | 46  |
| 10 | Transcribed processed pseudogenes in the human genome: an intermediate form of expressed retrosequence lacking protein-coding ability. <i>Nucleic Acids Research</i> , <b>2005</b> , 33, 2374-83                              | 20.1 | 161 |
| 9  | Validation of helical tilt angles in the solution NMR structure of the Z domain of Staphylococcal protein A by combined analysis of residual dipolar coupling and NOE data. <i>Protein Science</i> , <b>2004</b> , 13, 549-54 | 6.3  | 43  |
| 8  | <sup>1</sup> H, <sup>13</sup> C and <sup>15</sup> N resonance assignments for methionine sulfoxide reductase B from <i>Bacillus subtilis</i> . <i>Journal of Biomolecular NMR</i> , <b>2003</b> , 27, 183-4                   | 3    | 4   |
| 7  | TOUCHSTONEX: protein structure prediction with sparse NMR data. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2003</b> , 53, 290-306   | 4.2  | 35  |
| 6  | Automated protein fold determination using a minimal NMR constraint strategy. <i>Protein Science</i> , <b>2003</b> , 12, 1232-46  | 6.3  | 50  |
| 5  | SPINE 2: a system for collaborative structural proteomics within a federated database framework. <i>Nucleic Acids Research</i> , <b>2003</b> , 31, 2833-8   | 20.1 | 43  |
| 4  | Protein NMR spectroscopy in structural genomics. <i>Nature Structural Biology</i> , <b>2000</b> , 7 Suppl, 982-5  |      | 159 |
| 3  | Characterization of Cell-cell Communication in Autistic Brains with Single Cell Transcriptomes  |      | 1   |
| 2  | Enriched expression of genes associated with autism spectrum disorders in human inhibitory neurons  |      | 1   |
| 1  | RISC: robust integration of single-cell RNA-seq datasets with different extents of cell cluster overlap   |      | 1   |