# Yawei Gao

List of Publications by Year
in descending order

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|---|---|---|---|
| 32<br>papers | 3,037<br>citations | 331538<br>21<br>h-index | 395590<br>33<br>g-index |
| 38<br>all docs | 38<br>docs citations | 38<br>times ranked | 4308<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Dynamic nucleosome organization after fertilization reveals regulatory factors for mouse zygotic genome activation. Cell Research, 2022, 32, 801-813. | 5.7 | 14 |
| 2 | Epigenetic regulation of cell fate transition: learning from early embryo development and somatic cell reprogramming. Biology of Reproduction, 2022, 107, 183-195. | 1.2 | 7 |
| 3 | FTO mediates LINE1 m <sup>6</sup> A demethylation and chromatin regulation in mESCs and mouse development. Science, 2022, 376, 968-973. | 6.0 | 97 |
| 4 | N6-methyladenosine regulates maternal RNA maintenance in oocytes and timely RNA decay during mouse maternal-to-zygotic transition. Nature Cell Biology, 2022, 24, 917-927. | 4.6 | 28 |
| 5 | Unique Patterns of H3K4me3 and H3K27me3 in 2-Cell-like Embryonic Stem Cells. Stem Cell Reports, 2021, 16, 458-469. | 2.3 | 18 |
| 6 | Nuclear m6A reader YTHDC1 regulates the scaffold function of LINE1 RNA in mouse ESCs and early embryos. Protein and Cell, 2021, 12, 455-474. | 4.8 | 84 |
| 7 | Dcaf11 activates Zscan4-mediated alternative telomere lengthening in early embryos and embryonic stem cells. Cell Stem Cell, 2021, 28, 732-747.e9. | 5.2 | 30 |
| 8 | Stabilization of ERK-Phosphorylated METTL3 by USP5 Increases m6A Methylation. Molecular Cell, 2020, 80, 633-647.e7. | 4.5 | 83 |
| 9 | Reprogramming competence of OCT factors is determined by transactivation domains. Science Advances, 2020, 6, . | 4.7 | 25 |
| 10 | N6-Deoxyadenosine Methylation in Mammalian Mitochondrial DNA. Molecular Cell, 2020, 78, 382-395.e8. | 4.5 | 156 |
| 11 | DNA 5-Methylcytosine-Specific Amplification and Sequencing. Journal of the American Chemical Society, 2020, 142, 4539-4543. | 6.6 | 13 |
| 12 | N <sup>6</sup> -methyladenosine of chromosome-associated regulatory RNA regulates chromatin state and transcription. Science, 2020, 367, 580-586. | 6.0 | 406 |
| 13 | Distinct H3K9me3 and DNA methylation modifications during mouse spermatogenesis. Journal of Biological Chemistry, 2019, 294, 18714-18725. | 1.6 | 38 |
| 14 | Jump-seq: Genome-Wide Capture and Amplification of 5-Hydroxymethylcytosine Sites. Journal of the American Chemical Society, 2019, 141, 8694-8697. | 6.6 | 26 |
| 15 | Nuclear Exosome Targeting Complex Core Factor Zcchc8 Regulates the Degradation of LINE1 RNA in Early Embryos and Embryonic Stem Cells. Cell Reports, 2019, 29, 2461-2472.e6. | 2.9 | 28 |
| 16 | Esrrb plays important roles in maintaining self-renewal of trophoblast stem cells (TSCs) and reprogramming somatic cells to induced TSCs. Journal of Molecular Cell Biology, 2019, 11, 463-473. | 1.5 | 19 |
| 17 | Reprogramming of H3K9me3-dependent heterochromatin during mammalian embryo development. Nature Cell Biology, 2018, 20, 620-631. | 4.6 | 292 |
| 18 | Inhibition of Aberrant DNA Re-methylation Improves Post-implantation Development of Somatic Cell Nuclear Transfer Embryos. Cell Stem Cell, 2018, 23, 426-435.e5. | 5.2 | 72 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Loss of YTHDF2-mediated m6A-dependent mRNA clearance facilitates hematopoietic stem cell regeneration. Cell Research, 2018, 28, 1035-1038. | 5.7 | 95 |
| 20 | <scp>DCAF</scp> 13 promotes pluripotency by negatively regulating <scp>SUV</scp> 39H1 stability during early embryonic development. EMBO Journal, 2018, 37, . | 3.5 | 39 |
| 21 | Baf60b-mediated ATM-p53 activation blocks cell identity conversion by sensing chromatin opening. Cell Research, 2017, 27, 642-656. | 5.7 | 18 |
| 22 | Maternal Sall4 Is Indispensable for Epigenetic Maturation of Mouse Oocytes. Journal of Biological Chemistry, 2017, 292, 1798-1807. | 1.6 | 37 |
| 23 | Direct induction of neural progenitor cells transiently passes through a partially reprogrammed state. Biomaterials, 2017, 119, 53-67. | 5.7 | 10 |
| 24 | Protein Expression Landscape of Mouse Embryos during Pre-implantation Development. Cell Reports, 2017, 21, 3957-3969. | 2.9 | 135 |
| 25 | High throughput sequencing identifies an imprinted gene, Grb10, associated with the pluripotency state in nuclear transfer embryonic stem cells. Oncotarget, 2017, 8, 47344-47355. | 0.8 | 5 |
| 26 | Identification of key factors conquering developmental arrest of somatic cell cloned embryos by combining embryo biopsy and single-cell sequencing. Cell Discovery, 2016, 2, 16010. | 3.1 | 165 |
| 27 | SIRT6 Controls Hematopoietic Stem Cell Homeostasis through Epigenetic Regulation of Wnt Signaling. Cell Stem Cell, 2016, 18, 495-507. | 5.2 | 117 |
| 28 | Distinct features of H3K4me3 and H3K27me3 chromatin domains in pre-implantation embryos. Nature, 2016, 537, 558-562. | 13.7 | 538 |
| 29 | Hierarchical Oct4 Binding in Concert with Primed Epigenetic Rearrangements during Somatic Cell Reprogramming. Cell Reports, 2016, 14, 1540-1554. | 2.9 | 74 |
| 30 | The Combination of Tet1 with Oct4 Generates High-Quality Mouse-Induced Pluripotent Stem Cells. Stem Cells, 2015, 33, 686-698. | 1.4 | 39 |
| 31 | Quality Control: H2A.X Links to Better iPSCs. Cell Stem Cell, 2014, 15, 259-260. | 5.2 | 3 |
| 32 | Replacement of Oct4 by Tet1 during iPSC Induction Reveals an Important Role of DNA Methylation and Hydroxymethylation in Reprogramming. Cell Stem Cell, 2013, 12, 453-469. | 5.2 | 321 |