

# Atsushi Fukuda

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

708  
citations

933447

10  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1271  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Contribution of Intragenic DNA Methylation in Mouse Gametic DNA Methylomes to Establish Oocyte-Specific Heritable Marks. <i>PLoS Genetics</i> , 2012, 8, e1002440.                                | 3.5  | 447       |
| 2  | The role of maternal-specific H3K9me3 modification in establishing imprinted X-chromosome inactivation and embryogenesis in mice. <i>Nature Communications</i> , 2014, 5, 5464.                   | 12.8 | 53        |
| 3  | Identification of Inappropriately Reprogrammed Genes by Large-Scale Transcriptome Analysis of Individual Cloned Mouse Blastocysts. <i>PLoS ONE</i> , 2010, 5, e11274.                             | 2.5  | 40        |
| 4  | Efficient production of trophoblast lineage cells from human induced pluripotent stem cells. <i>Laboratory Investigation</i> , 2017, 97, 1188-1200.   | 3.7  | 21        |
| 5  | Spatiotemporal dynamics of OCT4 protein localization during preimplantation development in mice. <i>Reproduction</i> , 2016, 152, 417-430.  | 2.6  | 19        |
| 6  | Protocol for the production of viable bimaternal mouse embryos. <i>Nature Protocols</i> , 2008, 3, 197-209.   | 12.0 | 18        |
| 7  | $\beta$ -Catenin Functions Pleiotropically in Differentiation and Tumorigenesis in Mouse Embryo-Derived Stem Cells. <i>PLoS ONE</i> , 2013, 8, e63265.  | 2.5  | 15        |
| 8  | De novo DNA methyltransferases DNMT3A and DNMT3B are essential for XIST silencing for erosion of dosage compensation in pluripotent stem cells. <i>Stem Cell Reports</i> , 2021, 16, 2138-2148.   | 4.8  | 14        |
| 9  | Imbalance between the expression dosages of X-chromosome and autosomal genes in mammalian oocytes. <i>Scientific Reports</i> , 2015, 5, 14101.  | 3.3  | 12        |
| 10 | Generation of primitive neural stem cells from human fibroblasts using a defined set of factors. <i>Biology Open</i> , 2015, 4, 1595-1607.  | 1.2  | 12        |
| 11 | Transcriptomic features of trophoblast lineage cells derived from human induced pluripotent stem cells treated with BMP 4. <i>Placenta</i> , 2020, 89, 20-32.                                     | 1.5  | 12        |
| 12 | Deletion of lncRNA XACT does not change expression dosage of X-linked genes, but affects differentiation potential in hPSCs. <i>Cell Reports</i> , 2021, 35, 109222.                              | 6.4  | 12        |
| 13 | Maintenance of Xist Imprinting Depends on Chromatin Condensation State and Rnf12 Dosage in Mice. <i>PLoS Genetics</i> , 2016, 12, e1006375.   | 3.5  | 10        |
| 14 | Chromatin condensation of <i>Xist</i> genomic loci during oogenesis in mice. <i>Development (Cambridge)</i> , 2015, 142, 4049-55.   | 2.5  | 9         |
| 15 | The hsa-miR-302 cluster controls ectodermal differentiation of human pluripotent stem cell via repression of DAZAP2. <i>Regenerative Therapy</i> , 2020, 15, 1-9.                                 | 3.0  | 8         |
| 16 | The combination of dibenzazepine and a DOT1L inhibitor enables a stable maintenance of human naïve-state pluripotency in non-hypoxic conditions. <i>Regenerative Therapy</i> , 2020, 15, 161-168. | 3.0  | 5         |
| 17 | Manipulation of Xist Imprinting in Mouse Preimplantation Embryos. <i>Methods in Molecular Biology</i> , 2018, 1861, 47-53.  | 0.9  | 1         |
| 18 | The serine 106 residue within the N-terminal transactivation domain is crucial for Oct4 function in mice. <i>Zygote</i> , 2017, 25, 197-204.  | 1.1  | 0         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Imprinted X chromosome inactivation impacts primitive endoderm differentiation in mouse blastocysts. FEBS Letters, 2020, 594, 913-923. | 2.8 | 0         |