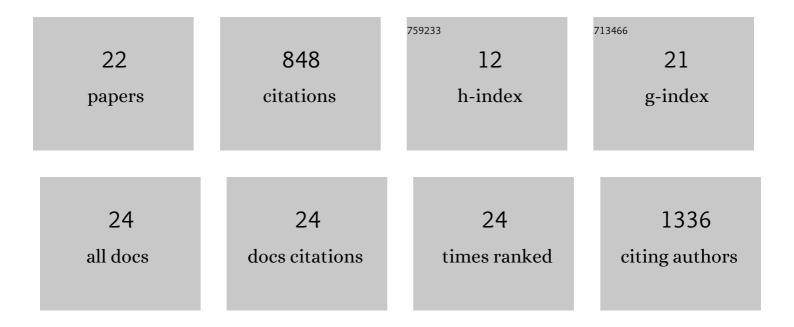
Akihiko Sakashita

List of Publications by Year in descending order

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Δειμικό δλελομιτλ

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | High-resolution DNA methylome analysis of primordial germ cells identifies gender-specific reprogramming in mice. Genome Research, 2013, 23, 616-627. | 5.5 | 239 |
| 2 | Attenuated chromatin compartmentalization in meiosis and its maturation in sperm development. Nature Structural and Molecular Biology, 2019, 26, 175-184. | 8.2 | 92 |
| 3 | LTR retrotransposons transcribed in oocytes drive species-specific and heritable changes in DNA methylation. Nature Communications, 2018, 9, 3331. | 12.8 | 65 |
| 4 | Endogenous retroviruses drive species-specific germline transcriptomes in mammals. Nature Structural and Molecular Biology, 2020, 27, 967-977. | 8.2 | 60 |
| 5 | Polycomb protein SCML2 facilitates H3K27me3 to establish bivalent domains in the male germline. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4957-4962. | 7.1 | 57 |
| 6 | UHRF1 suppresses retrotransposons and cooperates with PRMT5 and PIWI proteins in male germ cells. Nature Communications, 2019, 10, 4705. | 12.8 | 56 |
| 7 | Polycomb directs timely activation of germline genes in spermatogenesis. Genes and Development, 2017, 31, 1693-1703. | 5.9 | 52 |
| 8 | RNF8 and SCML2 cooperate to regulate ubiquitination and H3K27 acetylation for escape gene activation on the sex chromosomes. PLoS Genetics, 2018, 14, e1007233. | 3.5 | 45 |
| 9 | Super-enhancer switching drives a burst in gene expression at the mitosis-to-meiosis transition. Nature Structural and Molecular Biology, 2020, 27, 978-988. | 8.2 | 38 |
| 10 | Sex Specification and Heterogeneity of Primordial Germ Cells in Mice. PLoS ONE, 2015, 10, e0144836. | 2.5 | 17 |
| 11 | Meiosis-specific ZFP541 repressor complex promotes developmental progression of meiotic prophase towards completion during mouse spermatogenesis. Nature Communications, 2021, 12, 3184. | 12.8 | 17 |
| 12 | Sex-specific histone modifications in mouse fetal and neonatal germ cells. Epigenomics, 2019, 11, 543-561. | 2.1 | 15 |
| 13 | Dynamics of genomic 5â€hydroxymethylcytosine during mouse oocyte growth. Genes To Cells, 2014, 19, 629-636. | 1.2 | 14 |
| 14 | Chromosome Spread Analyses of Meiotic Sex Chromosome Inactivation. Methods in Molecular Biology, 2018, 1861, 113-129. | 0.9 | 14 |
| 15 | DNA Methylation Errors in Cloned Mouse Sperm by Germ Line Barrier Evasion1. Biology of Reproduction, 2016, 94, 128. | 2.7 | 12 |
| 16 | Repetitive DNA methylome analysis by smallâ€scale and singleâ€cell shotgun bisulfite sequencing. Genes To Cells, 2016, 21, 1209-1222. | 1.2 | 12 |
| 17 | Comparative analysis of enteroendocrine cells and their hormones between mouse intestinal organoids and native tissues. Bioscience, Biotechnology and Biochemistry, 2020, 84, 936-942. | 1.3 | 10 |
| 18 | Highly rigid H3.1/H3.2–H3K9me3 domains set a barrier for cell fate reprogramming in trophoblast stem cells. Genes and Development, 2022, 36, 84-102. | 5.9 | 10 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | XY oocytes of sex-reversed females with a Sry mutation deviate from the normal developmental process beyond the mitotic stageâ€. Biology of Reproduction, 2019, 100, 697-710. | 2.7 | 5 |
| 20 | Isolation of Murine Spermatogenic Cells using a Violet-Excited Cell-Permeable DNA Binding Dye. Journal of Visualized Experiments, 2021, , . | 0.3 | 3 |
| 21 | Retrotransposons in the Mammalian Male Germline. Sexual Development, 2022, 16, 404-422. | 2.0 | 3 |
| 22 | Epigenomic and single-cell profiling of human spermatogonial stem cells. Stem Cell Investigation, 2018, 5, 11-11. | 3.0 | 2 |