

# KikuÃ« Tachibana

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5537213/publications.pdf>

Version: 2024-02-01

18  
papers

1,880  
citations

566801

15  
h-index

887659

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

2441  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | MCM complexes are barriers that restrict cohesin-mediated loop extrusion. <i>Nature</i> , 2022, 606, 197-203.  | 13.7 | 58        |
| 2  | Ovulation suppression protects against chromosomal abnormalities in mouse eggs at advanced maternal age. <i>Current Biology</i> , 2021, 31, 4038-4051.e7.                                      | 1.8  | 26        |
| 3  | Awakening of the zygotic genome by pioneer transcription factors. <i>Current Opinion in Structural Biology</i> , 2021, 71, 94-100.   | 2.6  | 10        |
| 4  | Polycomb Group Proteins Regulate Chromatin Architecture in Mouse Oocytes and Early Embryos. <i>Molecular Cell</i> , 2020, 77, 825-839.e7.  | 4.5  | 105       |
| 5  | The emergence of genome architecture and zygotic genome activation. <i>Current Opinion in Cell Biology</i> , 2020, 64, 50-57.  | 2.6  | 26        |
| 6  | Wapl releases Scc1-cohesin and regulates chromosome structure and segregation in mouse oocytes. <i>Journal of Cell Biology</i> , 2020, 219, .  | 2.3  | 30        |
| 7  | Genomic insights into chromatin reprogramming to totipotency in embryos. <i>Journal of Cell Biology</i> , 2019, 218, 70-82.  | 2.3  | 29        |
| 8  | Manipulating Cohesin Levels in Live Mouse Oocytes. <i>Methods in Molecular Biology</i> , 2018, 1818, 113-128.  | 0.4  | 0         |
| 9  | Control of inducible gene expression links cohesin to hematopoietic progenitor self-renewal and differentiation. <i>Nature Immunology</i> , 2018, 19, 932-941.                                 | 7.0  | 175       |
| 10 | Single-nucleus Hi-C of mammalian oocytes and zygotes. <i>Methods in Cell Biology</i> , 2018, 144, 389-407.   | 0.5  | 9         |
| 11 | Single-nucleus Hi-C reveals unique chromatin reorganization at oocyte-to-zygote transition. <i>Nature</i> , 2017, 544, 110-114.  | 13.7 | 604       |
| 12 | Single-cell Hi-C bridges microscopy and genome-wide sequencing approaches to study 3D chromatin organization. <i>BioEssays</i> , 2017, 39, 1700104.  | 1.2  | 34        |
| 13 | A mechanism of cohesin-dependent loop extrusion organizes zygotic genome architecture. <i>EMBO Journal</i> , 2017, 36, 3600-3618.  | 3.5  | 291       |
| 14 | A Surveillance Mechanism Ensures Repair of DNA Lesions during Zygotic Reprogramming. <i>Cell</i> , 2016, 167, 1774-1787.e13.   | 13.5 | 58        |
| 15 | Chromosome Cohesion Established by Rec8-Cohesin in Fetal Oocytes Is Maintained without Detectable Turnover in Oocytes Arrested for Months in Mice. <i>Current Biology</i> , 2016, 26, 678-685. | 1.8  | 92        |
| 16 | Dependency of the Spindle Assembly Checkpoint on Cdk1 Renders the Anaphase Transition Irreversible. <i>Current Biology</i> , 2014, 24, 630-637.  | 1.8  | 63        |
| 17 | Spindle Assembly Checkpoint of Oocytes Depends on a Kinetochores Structure Determined by Cohesin in Meiosis I. <i>Current Biology</i> , 2013, 23, 2534-2539.                                   | 1.8  | 41        |
| 18 | Rec8-containing cohesin maintains bivalents without turnover during the growing phase of mouse oocytes. <i>Genes and Development</i> , 2010, 24, 2505-2516.                                    | 2.7  | 225       |