

Yukiko M Yamashita

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

6,066
citations

87886

38
h-index

76898

74
g-index

210
all docs

210
docs citations

210
times ranked

6085
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The regulation and potential functions of intronic satellite DNA. <i>Seminars in Cell and Developmental Biology</i> , 2022, 128, 69-77. | 5.0 | 6 |
| 2 | Satellite DNA. <i>Seminars in Cell and Developmental Biology</i> , 2022, , . | 5.0 | 0 |
| 3 | Centrosome-centric view of asymmetric stem cell division. <i>Open Biology</i> , 2021, 11, 200314. | 3.6 | 18 |
| 4 | <i>me31B</i> regulates stem cell homeostasis by preventing excess dedifferentiation in the <i>Drosophila</i> male germline. <i>Journal of Cell Science</i> , 2021, 134, . | 2.0 | 10 |
| 5 | Defective Satellite DNA Clustering into Chromocenters Underlies Hybrid Incompatibility in <i>Drosophila</i> . <i>Molecular Biology and Evolution</i> , 2021, 38, 4977-4986. | 8.9 | 24 |
| 6 | Stem cell niche signaling goes both ways. <i>Developmental Cell</i> , 2021, 56, 2267-2268. | 7.0 | 3 |
| 7 | Molding immortality from a plastic germline. <i>Current Opinion in Cell Biology</i> , 2021, 73, 1-8. | 5.4 | 2 |
| 8 | When the Family Treasure Is a Doormat. <i>Developmental Cell</i> , 2020, 52, 3-4. | 7.0 | 0 |
| 9 | Regulation of Nucleolar Dominance in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2020, 214, 991-1004. | 2.9 | 16 |
| 10 | A kinesin Klp10A mediates cell cycle-dependent shuttling of Piwi between nucleus and nuage. <i>PLoS Genetics</i> , 2020, 16, e1008648. | 3.5 | 4 |
| 11 | mRNA localization mediates maturation of cytoplasmic cilia in <i>Drosophila</i> spermatogenesis. <i>Journal of Cell Biology</i> , 2020, 219, . | 5.2 | 30 |
| 12 | Alstrom syndrome gene is a stem-cell-specific regulator of centriole duplication in the <i>Drosophila</i> testis. <i>ELife</i> , 2020, 9, . | 6.0 | 9 |
| 13 | A kinesin Klp10A mediates cell cycle-dependent shuttling of Piwi between nucleus and nuage. , 2020, 16, e1008648. | | 0 |
| 14 | A kinesin Klp10A mediates cell cycle-dependent shuttling of Piwi between nucleus and nuage. , 2020, 16, e1008648. | | 0 |
| 15 | A kinesin Klp10A mediates cell cycle-dependent shuttling of Piwi between nucleus and nuage. , 2020, 16, e1008648. | | 0 |
| 16 | A kinesin Klp10A mediates cell cycle-dependent shuttling of Piwi between nucleus and nuage. , 2020, 16, e1008648. | | 0 |
| 17 | Mechanisms of rDNA Copy Number Maintenance. <i>Trends in Genetics</i> , 2019, 35, 734-742. | 6.7 | 59 |
| 18 | Satellite DNA-containing gigantic introns in a unique gene expression program during <i>Drosophila</i> spermatogenesis. <i>PLoS Genetics</i> , 2019, 15, e1008028. | 3.5 | 43 |

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|----|--|-----|-----------|
| 19 | Germline stem cell homeostasis. <i>Current Topics in Developmental Biology</i> , 2019, 135, 203-244. | 2.2 | 9 |
| 20 | The modular mechanism of chromocenter formation in <i>Drosophila</i> . <i>ELife</i> , 2019, 8, . | 6.0 | 44 |
| 21 | Subcellular Specialization and Organelle Behavior in Germ Cells. <i>Genetics</i> , 2018, 208, 19-51. | 2.9 | 43 |
| 22 | Cell biology of stem cells: studying stem cells at the level of cell biology and studying cell biology using stem cells. <i>Molecular Biology of the Cell</i> , 2018, 29, 2912-2912. | 2.1 | 2 |
| 23 | Evolution Repeats Itself in Building a Species Barrier. <i>Developmental Cell</i> , 2018, 47, 527-528. | 7.0 | 0 |
| 24 | Emerging mechanisms of asymmetric stem cell division. <i>Journal of Cell Biology</i> , 2018, 217, 3785-3795. | 5.2 | 131 |
| 25 | A conserved function for pericentromeric satellite DNA. <i>ELife</i> , 2018, 7, . | 6.0 | 96 |
| 26 | Cytokine receptor-Eb1 interaction couples cell polarity and fate during asymmetric cell division. <i>ELife</i> , 2018, 7, . | 6.0 | 14 |
| 27 | Transgenerational dynamics of rDNA copy number in <i>Drosophila</i> male germline stem cells. <i>ELife</i> , 2018, 7, . | 6.0 | 56 |
| 28 | Specialized Intercellular Communications via Cytonemes and Nanotubes. <i>Annual Review of Cell and Developmental Biology</i> , 2018, 34, 59-84. | 9.4 | 70 |
| 29 | spict, a cyst cell-specific gene, regulates starvation-induced spermatogonial cell death in the <i>Drosophila</i> testis. <i>Scientific Reports</i> , 2017, 7, 40245. | 3.3 | 14 |
| 30 | Comparative Analysis of Satellite DNA in the <i>Drosophila melanogaster</i> Species Complex. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 693-704. | 1.8 | 70 |
| 31 | Stay Connected: A Germ Cell Strategy. <i>Trends in Genetics</i> , 2017, 33, 971-978. | 6.7 | 56 |
| 32 | The Hybrid Incompatibility Genes <i>Lhr</i> and <i>Hmr</i> Are Required for Sister Chromatid Detachment During Anaphase but Not for Centromere Function. <i>Genetics</i> , 2017, 207, 1457-1472. | 2.9 | 22 |
| 33 | Merlin is required for coordinating proliferation of two stem cell lineages in the <i>Drosophila</i> testis. <i>Scientific Reports</i> , 2017, 7, 2502. | 3.3 | 11 |
| 34 | Evaluation of the Asymmetric Division of <i>Drosophila</i> Male Germline Stem Cells. <i>Methods in Molecular Biology</i> , 2017, 1463, 49-62. | 0.9 | 3 |
| 35 | Function of Junk: Pericentromeric Satellite DNA in Chromosome Maintenance. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2017, 82, 319-327. | 1.1 | 14 |
| 36 | Germ cell connectivity enhances cell death in response to DNA damage in the <i>Drosophila</i> testis. <i>ELife</i> , 2017, 6, . | 6.0 | 33 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Signaling by Cellular Protrusions: Keeping the Conversation Private. Trends in Cell Biology, 2016, 26, 526-534. | 7.9 | 59 |
| 38 | Keeping stem cells under control: New insights into the mechanisms that limit niche stem cell signaling within the reproductive system. Molecular Reproduction and Development, 2016, 83, 675-683. | 2.0 | 11 |
| 39 | The ins(ide) and outs(ide) of asymmetric stem cell division. Current Opinion in Cell Biology, 2016, 43, 1-6. | 5.4 | 47 |
| 40 | A mitochondrial DNA hypomorph of cytochrome oxidase specifically impairs male fertility in <i>Drosophila melanogaster</i> . ELife, 2016, 5, . | 6.0 | 74 |
| 41 | Klp10A, a stem cell centrosome-enriched kinesin, balances asymmetries in <i>Drosophila</i> male germline stem cell division. ELife, 2016, 5, . | 6.0 | 26 |
| 42 | Cellular fingers take hold. ELife, 2016, 5, . | 6.0 | 0 |
| 43 | The polarity protein Baz forms a platform for the centrosome orientation during asymmetric stem cell division in the <i>Drosophila</i> male germline. ELife, 2015, 4, . | 6.0 | 49 |
| 44 | The regulated elimination of transit-amplifying cells preserves tissue homeostasis during protein starvation in <i>Drosophila</i> testis. Development (Cambridge), 2015, 142, 1756-1766. | 2.5 | 43 |
| 45 | Stem Cells and Aging: What's Next?. Cell Stem Cell, 2015, 16, 578-581. | 11.1 | 7 |
| 46 | Nanotubes mediate niche stem-cell signalling in the <i>Drosophila</i> testis. Nature, 2015, 523, 329-332. | 27.8 | 179 |
| 47 | The centrosome orientation checkpoint is germline stem cell specific and operates prior to the spindle assembly checkpoint in <i>Drosophila</i> testis. Development (Cambridge), 2015, 142, 62-69. | 2.5 | 27 |
| 48 | Piwi Is Required in Multiple Cell Types to Control Germline Stem Cell Lineage Development in the <i>Drosophila</i> Ovary. PLoS ONE, 2014, 9, e90267. | 2.5 | 76 |
| 49 | Centrosome-dependent asymmetric inheritance of the midbody ring in <i>Drosophila</i> germline stem cell division. Molecular Biology of the Cell, 2014, 25, 267-275. | 2.1 | 99 |
| 50 | Stem cells and their niche in homeostasis/regeneration and disease. Molecular Biology of the Cell, 2014, 25, 736-736. | 2.1 | 4 |
| 51 | The actin-binding protein profilin is required for germline stem cell maintenance and germ cell enclosure by somatic cyst cells. Development (Cambridge), 2014, 141, 73-82. | 2.5 | 42 |
| 52 | DNA asymmetry in stem cells – immortal or mortal?. Journal of Cell Science, 2013, 126, 4069-76. | 2.0 | 12 |
| 53 | Nonrandom sister chromatid segregation of sex chromosomes in <i>Drosophila</i> male germline stem cells. Chromosome Research, 2013, 21, 243-254. | 2.2 | 10 |
| 54 | Lineage Tracing Quantification Reveals Symmetric Stem Cell Division in <i>Drosophila</i> Male Germline Stem Cells. Cellular and Molecular Bioengineering, 2013, 6, 441-448. | 2.1 | 32 |

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|----|--|------|-----------|
| 55 | Chromosome-specific nonrandom sister chromatid segregation during stem-cell division. <i>Nature</i> , 2013, 498, 251-254. | 27.8 | 124 |
| 56 | Biased DNA segregation in <i>Drosophila</i> male germline stem cells. <i>Seminars in Cell and Developmental Biology</i> , 2013, 24, 618-626. | 5.0 | 4 |
| 57 | Nonrandom template segregation: A way to break the symmetry of stem cells. <i>Journal of Cell Biology</i> , 2013, 203, 7-9. | 5.2 | 2 |
| 58 | Centrosome misorientation mediates slowing of the cell cycle under limited nutrient conditions in <i>Drosophila</i> male germline stem cells. <i>Molecular Biology of the Cell</i> , 2012, 23, 1524-1532. | 2.1 | 29 |
| 59 | Centrosome asymmetry and inheritance during animal development. <i>Current Opinion in Cell Biology</i> , 2012, 24, 541-546. | 5.4 | 68 |
| 60 | Asymmetric Stem Cell Division: Precision for Robustness. <i>Cell Stem Cell</i> , 2012, 11, 461-469. | 11.1 | 132 |
| 61 | Spindle positioning in the stem cell niche. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2012, 1, 215-230. | 5.9 | 6 |
| 62 | Regulation of cyclin A localization downstream of Par-1 function is critical for the centrosome orientation checkpoint in <i>Drosophila</i> male germline stem cells. <i>Developmental Biology</i> , 2012, 361, 57-67. | 2.0 | 47 |
| 63 | Asymmetric Centrosome Behavior in Stem Cell Divisions. , 2012, , 99-110. | | 2 |
| 64 | Asymmetric division of cyst stem cells in <i>Drosophila</i> testis is ensured by anaphase spindle repositioning. <i>Development (Cambridge)</i> , 2011, 138, 831-837. | 2.5 | 91 |
| 65 | String (Cdc25) regulates stem cell maintenance, proliferation and aging in <i>Drosophila</i> testis. <i>Development (Cambridge)</i> , 2011, 138, 5079-5086. | 2.5 | 45 |
| 66 | Fly meets yeast: checking the correct orientation of cell division. <i>Trends in Cell Biology</i> , 2011, 21, 526-533. | 7.9 | 44 |
| 67 | <i>Drosophila</i> male germline stem cells do not asymmetrically segregate chromosome strands. <i>Journal of Cell Science</i> , 2011, 124, 933-939. | 2.0 | 47 |
| 68 | Reply to: Overlooked areas need attention for sound evaluation of DNA strand inheritance patterns in <i>Drosophila</i> male germline stem cells. <i>Journal of Cell Science</i> , 2011, 124, 4138-4139. | 2.0 | 4 |
| 69 | Asymmetric division of cyst stem cells in <i>Drosophila</i> testis is ensured by anaphase spindle repositioning. <i>Journal of Cell Science</i> , 2011, 124, e1-e1. | 2.0 | 0 |
| 70 | Cell adhesion in regulation of asymmetric stem cell division. <i>Current Opinion in Cell Biology</i> , 2010, 22, 605-610. | 5.4 | 35 |
| 71 | Germline stem cells: stems of the next generation. <i>Current Opinion in Cell Biology</i> , 2010, 22, 730-736. | 5.4 | 22 |
| 72 | Candidate exome capture identifies mutation of SDCCAG8 as the cause of a retinal-renal ciliopathy. <i>Nature Genetics</i> , 2010, 42, 840-850. | 21.4 | 295 |

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|----|--|------|-----------|
| 73 | E-Cadherin Is Required for Centrosome and Spindle Orientation in Drosophila Male Germline Stem Cells. PLoS ONE, 2010, 5, e12473. | 2.5 | 122 |
| 74 | Polarity in Stem Cell Division: Asymmetric Stem Cell Division in Tissue Homeostasis. Cold Spring Harbor Perspectives in Biology, 2010, 2, a001313-a001313. | 5.5 | 104 |
| 75 | A Tale of Mother and Daughter. Molecular Biology of the Cell, 2010, 21, 7-8. | 2.1 | 2 |
| 76 | A New Member of the Spindle Orientation Club: Mammalian Intestinal Stem Cells. Cell Stem Cell, 2010, 6, 91-92. | 11.1 | 5 |
| 77 | Regulation of asymmetric stem cell division: spindle orientation and the centrosome. Frontiers in Bioscience - Landmark, 2009, Volume, 3003. | 3.0 | 21 |
| 78 | Asymmetric stem cell division and pathology: insights from <i>Drosophila</i> stem cell systems. Journal of Pathology, 2009, 217, 181-185. | 4.5 | 11 |
| 79 | The centrosome and asymmetric cell division. Prion, 2009, 3, 84-88. | 1.8 | 28 |
| 80 | Stem Cells and Stem Cell Niches in Tissue Homeostasis: Lessons from the Expanding Stem Cell Populations of Drosophila. , 2009, , 147-154. | | 0 |
| 81 | Centrosome misorientation reduces stem cell division during ageing. Nature, 2008, 456, 599-604. | 27.8 | 315 |
| 82 | Selfish Stem Cells Compete with Each Other. Cell Stem Cell, 2008, 2, 3-4. | 11.1 | 5 |
| 83 | Asymmetric centrosome behavior and the mechanisms of stem cell division. Journal of Cell Biology, 2008, 180, 261-266. | 5.2 | 119 |
| 84 | Asymmetric Inheritance of Mother Versus Daughter Centrosome in Stem Cell Division. Science, 2007, 315, 518-521. | 12.6 | 498 |
| 85 | Improved Hierarchical Parameter Optimization Technique - Application for a cardiac myocyte model. , 2006, 2006, 3487-90. | | 0 |
| 86 | Improved Hierarchical Parameter Optimization Technique - Application for a cardiac myocyte model. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , . | 0.5 | 0 |
| 87 | Asymmetric Stem Cell Division and Function of the Niche in the Drosophila Male Germ Line. International Journal of Hematology, 2005, 82, 377-380. | 1.6 | 42 |
| 88 | Functional relationships of FANCC to homologous recombination, translesion synthesis, and BLM. EMBO Journal, 2005, 24, 418-427. | 7.8 | 117 |
| 89 | Signaling in stem cell niches: lessons from the Drosophila germline. Journal of Cell Science, 2005, 118, 665-672. | 2.0 | 191 |
| 90 | Dual Roles for DNA Polymerase δ in Homologous DNA Recombination and Translesion DNA Synthesis. Molecular Cell, 2005, 20, 793-799. | 9.7 | 230 |

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|----|--|------|-----------|
| 91 | A Misexpression Screen Reveals Effects of bag-of-marbles and TGF β Class Signaling on the Drosophila Male Germ-Line Stem Cell Lineage. Genetics, 2004, 167, 707-723. | 2.9 | 164 |
| 92 | Regulation of Stem Cell Self-renewal Versus Differentiation by a Support Cell Niche: Lessons from the Drosophila Male Germ Line. , 2004, , 171-178. | | 0 |
| 93 | Orientation of Asymmetric Stem Cell Division by the APC Tumor Suppressor and Centrosome. Science, 2003, 301, 1547-1550. | 12.6 | 684 |
| 94 | Involvement of Vertebrate Pol η in Rad18-independent Postreplication Repair of UV Damage. Journal of Biological Chemistry, 2002, 277, 48690-48695. | 3.4 | 87 |
| 95 | RAD18 and RAD54 cooperatively contribute to maintenance of genomic stability in vertebrate cells. EMBO Journal, 2002, 21, 5558-5566. | 7.8 | 120 |
| 96 | Anti-tumour compounds illudin S and Irofulven induce DNA lesions ignored by global repair and exclusively processed by transcription- and replication-coupled repair pathways. DNA Repair, 2002, 1, 1027-1038. | 2.8 | 137 |
| 97 | Homologous DNA recombination in vertebrate cells. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 8388-8394. | 7.1 | 143 |
| 98 | Fission yeast APC/cyclosome subunits, Cut20/Apc4 and Cut23/Apc8, in regulating metaphase-anaphase progression and cellular stress responses. Genes To Cells, 1999, 4, 445-463. | 1.2 | 37 |
| 99 | 20S cyclosome complex formation and proteolytic activity inhibited by the cAMP/PKA pathway. Nature, 1996, 384, 276-279. | 27.8 | 156 |