Yukiko M Yamashita

List of Publications by Year
in descending order

99 papers	6,066 citations	100601 38 h-index	87275 74 g-index
210 all docs	210 docs citations	210 times ranked	6801 citing authors

#	Article	IF	Citations
1	The regulation and potential functions of intronic satellite DNA. Seminars in Cell and Developmental Biology, 2022, 128, 69-77.	2.3	6
2	Satellite DNA. Seminars in Cell and Developmental Biology, 2022, , .	2.3	0
3	Centrosome-centric view of asymmetric stem cell division. Open Biology, 2021, 11, 200314.	1.5	18
4	me31B regulates stem cell homeostasis by preventing excess dedifferentiation in the Drosophila male germline. Journal of Cell Science, 2021, 134, .	1.2	10
5	Defective Satellite DNA Clustering into Chromocenters Underlies Hybrid Incompatibility in Drosophila. Molecular Biology and Evolution, 2021, 38, 4977-4986.	3.5	24
6	Stem cell niche signaling goes both ways. Developmental Cell, 2021, 56, 2267-2268.	3.1	3
7	Molding immortality from a plastic germline. Current Opinion in Cell Biology, 2021, 73, 1-8.	2.6	2
8	When the Family Treasure Is a Doormat. Developmental Cell, 2020, 52, 3-4.	3.1	0
9	Regulation of Nucleolar Dominance in Drosophila melanogaster. Genetics, 2020, 214, 991-1004.	1.2	16
10	A kinesin Klp10A mediates cell cycle-dependent shuttling of Piwi between nucleus and nuage. PLoS Genetics, 2020, 16, e1008648.	1.5	4
11	mRNA localization mediates maturation of cytoplasmic cilia in Drosophila spermatogenesis. Journal of Cell Biology, 2020, 219, .	2.3	30
12	Alstrom syndrome gene is a stem-cell-specific regulator of centriole duplication in the Drosophila testis. ELife, 2020, 9, .	2.8	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. Trends in Genetics, 2019, 35, 734-742.	2.9	59
18	Satellite DNA-containing gigantic introns in a unique gene expression program during Drosophila spermatogenesis. PLoS Genetics, 2019, 15, e1008028.	1.5	43

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19	Germline stem cell homeostasis. Current Topics in Developmental Biology, 2019, 135, 203-244.	1.0	9
20	The modular mechanism of chromocenter formation in Drosophila. ELife, 2019, 8, .	2.8	44
21	Subcellular Specialization and Organelle Behavior in Germ Cells. Genetics, 2018, 208, 19-51.	1.2	43
22	Cell biology of stem cells: studying stem cells at the level of cell biology and studying cell biology using stem cells. Molecular Biology of the Cell, 2018, 29, 2912-2912.	0.9	2
23	Evolution Repeats Itself in Building a Species Barrier. Developmental Cell, 2018, 47, 527-528.	3.1	0
24	Emerging mechanisms of asymmetric stem cell division. Journal of Cell Biology, 2018, 217, 3785-3795.	2.3	131
25	A conserved function for pericentromeric satellite DNA. ELife, 2018, 7, .	2.8	96
26	Cytokine receptor-Eb1 interaction couples cell polarity and fate during asymmetric cell division. ELife, 2018, 7, .	2.8	14
27	Transgenerational dynamics of rDNA copy number in Drosophila male germline stem cells. ELife, 2018, 7, .	2.8	56
28	Specialized Intercellular Communications via Cytonemes and Nanotubes. Annual Review of Cell and Developmental Biology, 2018, 34, 59-84.	4.0	70
29	spict, a cyst cell-specific gene, regulates starvation-induced spermatogonial cell death in the Drosophila testis. Scientific Reports, 2017, 7, 40245.	1.6	14
30	Comparative Analysis of Satellite DNA in theDrosophila melanogasterSpecies Complex. G3: Genes, Genomes, Genetics, 2017, 7, 693-704.	0.8	70
31	Stay Connected: A Germ Cell Strategy. Trends in Genetics, 2017, 33, 971-978.	2.9	56
32	The Hybrid Incompatibility Genes Lhr and Hmr Are Required for Sister Chromatid Detachment During Anaphase but Not for Centromere Function. Genetics, 2017, 207, 1457-1472.	1.2	22
33	Merlin is required for coordinating proliferation of two stem cell lineages in the Drosophila testis. Scientific Reports, 2017, 7, 2502.	1.6	11
34	Evaluation of the Asymmetric Division of Drosophila Male Germline Stem Cells. Methods in Molecular Biology, 2017, 1463, 49-62.	0.4	3
35	Function of Junk: Pericentromeric Satellite DNA in Chromosome Maintenance. Cold Spring Harbor Symposia on Quantitative Biology, 2017, 82, 319-327.	2.0	14
36	Germ cell connectivity enhances cell death in response to DNA damage in the Drosophila testis. ELife, 2017, 6, .	2.8	33

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37	Signaling by Cellular Protrusions: Keeping the Conversation Private. Trends in Cell Biology, 2016, 26, 526-534.	3.6	59
38	Keeping stem cells under control: New insights into the mechanisms that limit nicheâ€stem cell signaling within the reproductive system. Molecular Reproduction and Development, 2016, 83, 675-683.	1.0	11
39	The ins(ide) and outs(ide) of asymmetric stem cell division. Current Opinion in Cell Biology, 2016, 43, 1-6.	2.6	47
40	A mitochondrial DNA hypomorph of cytochrome oxidase specifically impairs male fertility in Drosophila melanogaster. ELife, 2016, 5, .	2.8	74
41	Klp10A, a stem cell centrosome-enriched kinesin, balances asymmetries in Drosophila male germline stem cell division. ELife, 2016, 5, .	2.8	26
42	Cellular fingers take hold. ELife, 2016, 5, .	2.8	0
43	The polarity protein Baz forms a platform for the centrosome orientation during asymmetric stem cell division in the Drosophila male germline. ELife, 2015, 4, .	2.8	49
44	The regulated elimination of transit-amplifying cells preserves tissue homeostasis during protein starvation in Drosophila testis. Development (Cambridge), 2015, 142, 1756-1766.	1.2	43
45	Stem Cells and Aging: Whatâ€™s Next?. Cell Stem Cell, 2015, 16, 578-581.	5.2	7
46	Nanotubes mediate nicheâ€“stem-cell signalling in the Drosophila testis. Nature, 2015, 523, 329-332.	13.7	179
47	The centrosome orientation checkpoint is germline stem cell specific and operates prior to the spindle assembly checkpoint in Drosophila testis. Development (Cambridge), 2015, 142, 62-69.	1.2	27
48	Piwi Is Required in Multiple Cell Types to Control Germline Stem Cell Lineage Development in the Drosophila Ovary. PLoS ONE, 2014, 9, e90267.	1.1	76
49	Centrosome-dependent asymmetric inheritance of the midbody ring inDrosophilagermline stem cell division. Molecular Biology of the Cell, 2014, 25, 267-275.	0.9	99
50	Stem cells and their niche in homeostasis/regeneration and disease. Molecular Biology of the Cell, 2014, 25, 736-736.	0.9	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.	1.2	42
52	DNA asymmetry in stem cells â€“ immortal or mortal?. Journal of Cell Science, 2013, 126, 4069-76.	1.2	12
53	Nonrandom sister chromatid segregation of sex chromosomes in Drosophila male germline stem cells. Chromosome Research, 2013, 21, 243-254.	1.0	10
54	Lineage Tracing Quantification Reveals Symmetric Stem Cell Division in Drosophila Male Germline Stem Cells. Cellular and Molecular Bioengineering, 2013, 6, 441-448.	1.0	32

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55	Chromosome-specific nonrandom sister chromatid segregation during stem-cell division. Nature, 2013, 498, 251-254.	13.7	124
56	Biased DNA segregation in Drosophila male germline stem cells. Seminars in Cell and Developmental Biology, 2013, 24, 618-626.	2.3	4
57	Nonrandom template segregation: A way to break the symmetry of stem cells. Journal of Cell Biology, 2013, 203, 7-9.	2.3	2
58	Centrosome misorientation mediates slowing of the cell cycle under limited nutrient conditions inDrosophilamale germline stem cells. Molecular Biology of the Cell, 2012, 23, 1524-1532.	0.9	29
59	Centrosome asymmetry and inheritance during animal development. Current Opinion in Cell Biology, 2012, 24, 541-546.	2.6	68
60	Asymmetric Stem Cell Division: Precision for Robustness. Cell Stem Cell, 2012, 11, 461-469.	5.2	132
61	Spindle positioning in the stem cell niche. Wiley Interdisciplinary Reviews: Developmental Biology, 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 Drosophila male germline stem cells. Developmental Biology, 2012, 361, 57-67.	0.9	47
63	Asymmetric Centrosome Behavior in Stem Cell Divisions. , 2012, , 99-110.		2
64	Asymmetric division of cyst stem cells in Drosophila testis is ensured by anaphase spindle repositioning. Development (Cambridge), 2011, 138, 831-837.	1.2	91
65	String (Cdc25) regulates stem cell maintenance, proliferation and aging in Drosophila testis. Development (Cambridge), 2011, 138, 5079-5086.	1.2	45
66	Fly meets yeast: checking the correct orientation of cell division. Trends in Cell Biology, 2011, 21, 526-533.	3.6	44
67	Drosophila male germline stem cells do not asymmetrically segregate chromosome strands. Journal of Cell Science, 2011, 124, 933-939.	1.2	47
68	Reply to: Overlooked areas need attention for sound evaluation of DNA strand inheritance patterns in Drosophila male germline stem cells. Journal of Cell Science, 2011, 124, 4138-4139.	1.2	4
69	Asymmetric division of cyst stem cells in Drosophila testis is ensured by anaphase spindle repositioning. Journal of Cell Science, 2011, 124, e1-e1.	1.2	0
70	Cell adhesion in regulation of asymmetric stem cell division. Current Opinion in Cell Biology, 2010, 22, 605-610.	2.6	35
71	Germline stem cells: stems of the next generation. Current Opinion in Cell Biology, 2010, 22, 730-736.	2.6	22
72	Candidate exome capture identifies mutation of SDCCAG8 as the cause of a retinal-renal ciliopathy. Nature Genetics, 2010, 42, 840-850.	9.4	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.	1.1	122
74	Polarity in Stem Cell Division: Asymmetric Stem Cell Division in Tissue Homeostasis. Cold Spring Harbor Perspectives in Biology, 2010, 2, a001313-a001313.	2.3	104
75	A Tale of Mother and Daughter. Molecular Biology of the Cell, 2010, 21, 7-8.	0.9	2
76	A New Member of the Spindle Orientation Club: Mammalian Intestinal Stem Cells. Cell Stem Cell, 2010, 6, 91-92.	5.2	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 Drosophila stem cell systems. Journal of Pathology, 2009, 217, 181-185.	2.1	11
79	The centrosome and asymmetric cell division. Prion, 2009, 3, 84-88.	0.9	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.	13.7	315
82	Selfish Stem Cells Compete with Each Other. Cell Stem Cell, 2008, 2, 3-4.	5.2	5
83	Asymmetric centrosome behavior and the mechanisms of stem cell division. Journal of Cell Biology, 2008, 180, 261-266.	2.3	119
84	Asymmetric Inheritance of Mother Versus Daughter Centrosome in Stem Cell Division. Science, 2007, 315, 518-521.	6.0	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.	0.7	42
88	Functional relationships of FANCC to homologous recombination, translesion synthesis, and BLM. EMBO Journal, 2005, 24, 418-427.	3.5	117
89	Signaling in stem cell niches: lessons from the Drosophila germline. Journal of Cell Science, 2005, 118, 665-672.	1.2	191
90	Dual Roles for DNA Polymerase Î· in Homologous DNA Recombination and Translesion DNA Synthesis. Molecular Cell, 2005, 20, 793-799.	4.5	230

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91	A Misexpression Screen Reveals Effects of bag-of-marbles and TGFÎ² Class Signaling on the Drosophila Male Germ-Line Stem Cell Lineage. Genetics, 2004, 167, 707-723.	1.2	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.	6.0	684
94	Involvement of Vertebrate PolÎ¹ in Rad18-independent Postreplication Repair of UV Damage. Journal of Biological Chemistry, 2002, 277, 48690-48695.	1.6	87
95	RAD18 and RAD54 cooperatively contribute to maintenance of genomic stability in vertebrate cells. EMBO Journal, 2002, 21, 5558-5566.	3.5	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.	1.3	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.	3.3	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.	0.5	37
99	20S cyclosome complex formation and proteolytic activity inhibited by the cAMP/PKA pathway. Nature, 1996, 384, 276-279.	13.7	156