Pamela K Geyer

List of Publications by Year
in descending order

59 papers	3,549 citations	126907 33 h-index	149698 56 g-index
117 all docs	117 docs citations	117 times ranked	2050 citing authors

#	Article	IF	Citations
1	Shining Light on the Dark Side of the Genome. Cells, 2022, 11, 330.	4.1	6
2	Checkpoint activation drives global gene expression changes in Drosophila nuclear lamina mutants. G3: Genes, Genomes, Genetics, 2022, 12, .	1.8	1
3	Drosophila female germline stem cells undergo mitosis without nuclear breakdown. Current Biology, 2021, 31, 1450-1462.e3.	3.9	15
4	Survival of Drosophila germline stem cells requires the chromatin binding protein Barrier-to-autointegration factor. Development (Cambridge), 2020, 147, .	2.5	13
5	Nuclear architecture as an intrinsic regulator of Drosophila female germline stem cell maintenance. Current Opinion in Insect Science, 2020, 37, 30-38.	4.4	11
6	Investigation of the Developmental Requirements of Drosophila HP1 and Insulator Protein Partner, HIPP1. G3: Genes, Genomes, Genetics, 2019, 9, 345-357.	1.8	13
7	Nuclear lamina dysfunction triggers a germline stem cell checkpoint. Nature Communications, 2018, 9, 3960.	12.8	20
8	Spermiogenesis and Male Fertility Require the Function of Suppressor of Hairy-Wing in Somatic Cyst Cells of<i>Drosophila</i>. Genetics, 2018, 209, 757-772.	2.9	5
9	Deciphering the DNA code for the function of the Drosophila polydactyl zinc finger protein Suppressor of Hairy-wing. Nucleic Acids Research, 2017, 45, 4463-4478.	14.5	27
10	Editorial overview: Genome architecture and expression: Connecting genome composition and nuclear architecture with function. Current Opinion in Genetics and Development, 2016, 37, iv-vi.	3.3	4
11	Drosophila male and female germline stem cell niches require the nuclear lamina protein Otefin. Developmental Biology, 2016, 415, 75-86.	2.0	16
12	Networking in the nucleus: a spotlight on LEM-domain proteins. Current Opinion in Cell Biology, 2015, 34, 1-8.	5.4	167
13	Stacking the deck for the next generation. Molecular Reproduction and Development, 2014, 81, 481-481.	2.0	0
14	Unique and Shared Functions of Nuclear Lamina LEM Domain Proteins in <i>Drosophila</i>. Genetics, 2014, 197, 653-665.	2.9	30
15	The Drosophila Nuclear Lamina Protein Otefin Is Required for Germline Stem Cell Survival. Developmental Cell, 2013, 25, 645-654.	7.0	23
16	The insulator protein Suppressor of Hairy-wing is an essential transcriptional repressor in the<i>Drosophila</i>ovary. Development (Cambridge), 2013, 140, 3613-3623.	2.5	47
17	Genome-wide studies of the multi-zinc finger Drosophila Suppressor of Hairy-wing protein in the ovary. Nucleic Acids Research, 2012, 40, 5415-5431.	14.5	47
18	Restoration of Topoisomerase 2 Function by Complementation of Defective Monomers in <i>Drosophila</i>. Genetics, 2012, 192, 843-856.	2.9	11

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19	The role of the Suppressor of Hairy-wing insulator protein in Drosophila oogenesis. Developmental Biology, 2011, 356, 398-410.	2.0	43
20	A Conserved Long Noncoding RNA Affects Sleep Behavior in<i>Drosophila</i>. Genetics, 2011, 189, 455-468.	2.9	75
21	Nuclear organization: taking a position on gene expression. Current Opinion in Cell Biology, 2011, 23, 354-359.	5.4	83
22	The role of<i>Drosophila</i>Lamin C in muscle function and gene expression. Development (Cambridge), 2010, 137, 3067-3077.	2.5	112
23	A Comparative Study of Drosophila and Human A-Type Lamins. PLoS ONE, 2009, 4, e7564.	2.5	44
24	Editorial. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 647, 1-2.	1.0	4
25	Investigation of the Properties of Non-<i>gypsy</i> Suppressor of Hairy-wing-Binding Sites. Genetics, 2008, 179, 1263-1273.	2.9	29
26	Tissue-Specific Defects Are Caused by Loss of the Drosophila MAN1 LEM Domain Protein. Genetics, 2008, 180, 133-145.	2.9	30
27	Context Differences Reveal Insulator and Activator Functions of a Su(Hw) Binding Region. PLoS Genetics, 2008, 4, e1000159.	3.5	33
28	Integrity of the Mod(mdg4)-67.2 BTB Domain Is Critical to Insulator Function in Drosophila melanogaster. Molecular and Cellular Biology, 2007, 27, 963-974.	2.3	40
29	TFIIIC Boxes in the Genome. Cell, 2006, 125, 829-831.	28.9	8
30	A cis-regulatory Sequence Within the yellow Locus of Drosophila melanogaster Required for Normal Male Mating Success. Genetics, 2006, 172, 1009-1030.	2.9	68
31	Identification of Genomic Sites That Bind the Drosophila Suppressor of Hairy-wing Insulator Protein. Molecular and Cellular Biology, 2006, 26, 5983-5993.	2.3	62
32	Molecular Genetic Analysis of the Nested Drosophila melanogaster Lamin C Gene. Genetics, 2005, 171, 185-196.	2.9	47
33	Nuclear Organization, Chromatin Structure, and Gene Silencing. , 2004, , 105-108.		1
34	Studies of the Role of the Drosophila scs and scsâ€² Insulators in Defining Boundaries of a Chromosome Puff. Molecular and Cellular Biology, 2004, 24, 1470-1480.	2.3	36
35	A test of insulator interactions in Drosophila. EMBO Journal, 2003, 22, 2463-2471.	7.8	72
36	Genomic insulators: connecting properties to mechanism. Current Opinion in Cell Biology, 2003, 15, 259-265.	5.4	138

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37	An endogenous Suppressor of Hairy-wing insulator separates regulatory domains in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 13436-13441.	7.1	86
38	Enhancer action in trans is permitted throughout theDrosophilagenome. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 3723-3728.	7.1	55
39	Protecting against promiscuity: the regulatory role of insulators. Cellular and Molecular Life Sciences, 2002, 59, 2112-2127.	5.4	50
40	Long-Range Repression by Multiple Polycomb Group (PcG) Proteins Targeted by Fusion to a Defined DNA-Binding Domain in Drosophila. Genetics, 2001, 158, 291-307.	2.9	23
41	CHARACTERIZATION OF A NEW TISSUE-SPECIFIC MUTATION OF THE YELLOW GENE WHICH SUPPORTS TRANSVECTION. , 2001, , 195-202.		0
42	Core promoter elements can regulate transcription on a separate chromosome in trans. Genes and Development, 1999, 13, 253-258.	5.9	66
43	An Analysis of Transvection at the yellow Locus of Drosophila melanogaster. Genetics, 1999, 151, 633-651.	2.9	51
44	Enhancer Blocking by the Drosophila gypsy Insulator Depends Upon Insulator Anatomy and Enhancer Strength. Genetics, 1999, 153, 787-798.	2.9	114
45	Two modes of transvection: Enhancer action in trans and bypass of a chromatin insulator in cis. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 10740-10745.	7.1	73
46	Polycomb Group Repression Is Blocked by the Drosophila suppressor of Hairy-wing [su(Hw)] Insulator. Genetics, 1998, 148, 331-339.	2.9	75
47	The role of insulator elements in defining domains of gene expression. Current Opinion in Genetics and Development, 1997, 7, 242-248.	3.3	215
48	Molecular characterization of ovarian tumors in drosophila. Mechanisms of Development, 1994, 47, 151-164.	1.7	26
49	DNA position-specific repression of transcription by a Drosophila zinc finger protein.. Genes and Development, 1992, 6, 1865-1873.	5.9	420
50	Position-independent germline transformation inDrosophilausing a cuticle pigmentation gene as a selectable marker. Nucleic Acids Research, 1992, 20, 5859-5860.	14.5	74
51	Interactions of retrotransposons with the host genome: the case of the gypsy element of Drosophila. Trends in Genetics, 1991, 7, 86-90.	6.7	96
52	Mutations in the su(s) gene affect RNA processing in Drosophila melanogaster.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 7116-7120.	7.1	25
53	The gypsy retrotransposon ofDrosophila melanogaster: Mechanisms of mutagenesis and interaction with thesuppressor of Hairy-wing locus. Genesis, 1989, 10, 239-248.	2.1	33
54	Reversion of a gypsy-induced mutation at the yellow (y) locus of Drosophila melanogaster is associated with the insertion of a newly defined transposable element.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 3938-3942.	7.1	57

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55	Genetic instability in Drosophila melanogaster: P-element mutagenesis by gene conversion.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 6455-6459.	7.1	62
56	Mutant gene phenotypes mediated by a Drosophila melanogaster retrotransposon require sequences homologous to mammalian enhancers.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 8593-8597.	7.1	66
57	Separate regulatory elements are responsible for the complex pattern of tissue-specific and developmental transcription of the yellow locus in Drosophila melanogaster.. Genes and Development, 1987, 1, 996-1004.	5.9	260
58	Regulation of Ribosomal Protein mRNA Content and Translation in Growth-Stimulated Mouse Fibroblasts. Molecular and Cellular Biology, 1982, 2, 685-693.	2.3	146
59	Regulation of Ribosomal Protein mRNA Content and Translation in Growth-Stimulated Mouse Fibroblasts. Molecular and Cellular Biology, 1982, 2, 685-693.	2.3	93