Jan Larsson

List of Publications by Year
in descending order

33	942	430874 18	454955 30
papers	citations	h-index	g-index

34	34	34	1092
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Buffering of Segmental and Chromosomal Aneuploidies in Drosophila melanogaster. PLoS Genetics, 2009, 5, e1000465.	3.5	83
2	Painting of fourth and chromosome-wide regulation of the 4th chromosome in Drosophila melanogaster. EMBO Journal, 2007, 26, 2307-2316.	7.8	65
3	Dosage compensation, the origin and the afterlife of sex chromosomes. Chromosome Research, 2006, 14, 417-431.	2.2	56
4	The Drosophila G9a gene encodes a multi-catalytic histone methyltransferase required for normal development. Nucleic Acids Research, 2006, 34, 4609-4621.	14.5	54
5	POF and HP1 Bind Expressed Exons, Suggesting a Balancing Mechanism for Gene Regulation. PLoS Genetics, 2007, 3, e209.	3.5	54
6	Painting of fourth in genus Drosophila suggests autosome-specific gene regulation. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9728-9733.	7.1	51
7	Thioredoxin-2 affects lifespan and oxidative stress in Drosophila. Hereditas, 2007, 144, 25-32.	1.4	50
8	HP1a Recruitment to Promoters Is Independent of H3K9 Methylation in Drosophila melanogaster. PLoS Genetics, 2012, 8, e1003061.	3.5	50
9	Buffering and the evolution of chromosome-wide gene regulation. Chromosoma, 2011, 120, 213-225.	2.2	49
10	The ThioredoxinT and deadhead gene pair encode testis- and ovary-specific thioredoxins in Drosophila melanogaster. Chromosoma, 2003, 112, 133-143.	2.2	44
11	HP1a, Su(var)3-9, SETDB1 and POF stimulate or repress gene expression depending on genomic position, gene length and expression pattern in Drosophila melanogaster. Nucleic Acids Research, 2013, 41, 4481-4494.	14.5	40
12	Mutations in the Drosophila melanogaster Gene Encoding S-adenosylmethionine Suppress Position-Effect Variegation. Genetics, 1996, 143, 887-896.	2.9	35
13	Buffering and proteolysis are induced by segmental monosomy in Drosophila melanogaster. Nucleic Acids Research, 2012, 40, 5926-5937.	14.5	32
14	POF Regulates the Expression of Genes on the Fourth Chromosome in Drosophila melanogaster by Binding to Nascent RNA. Molecular and Cellular Biology, 2012, 32, 2121-2134.	2.3	32
15	Increased Expression of X-Linked Genes in Mammals Is Associated with a Higher Stability of Transcripts and an Increased Ribosome Density. Genome Biology and Evolution, 2015, 7, 1039-1052.	2.5	28
16	Non-coding roX RNAs Prevent the Binding of the MSL-complex to Heterochromatic Regions. PLoS Genetics, 2014, 10, e1004865.	3.5	27
17	Gene regulation by the lysine demethylase KDM4A in Drosophila. Developmental Biology, 2013, 373, 453-463.	2.0	24
18	Sequence signature analysis of chromosome identity in three Drosophila species. BMC Bioinformatics, 2005, 6, 158.	2.6	23

#	Article	IF	Citations
19	RNA-on-X 1 and 2 in Drosophila melanogaster fulfill separate functions in dosage compensation. PLoS Genetics, 2018, 14, e1007842.	3.5	21
20	Molecular cloning of theS-adenosylmethionine synthetase gene inDrosophila melanogaster. FEBS Letters, 1994, 342, 329-333.	2.8	20
21	msl2 mRNA is bound by free nuclear MSL complex in Drosophila melanogaster. Nucleic Acids Research, 2011, 39, 6428-6439.	14.5	18
22	The X-linked 1.688 Satellite in Drosophila melanogaster Promotes Specific Targeting by Painting of Fourth. Genetics, 2018, 208, 623-632.	2.9	16
23	Targeting of Painting of fourth to roX1 and roX2 Proximal Sites Suggests Evolutionary Links Between Dosage Compensation and the Regulation of the fourth Chromosome in Drosophila melanogaster. G3: Genes, Genomes, Genetics, 2013, 3, 1325-1334.	1.8	14
24	Organization and regulation of sex-specific thioredoxin encoding genes in the genus Drosophila. Development Genes and Evolution, 2007, 217, 639-650.	0.9	9
25	Proximity ligation assays of protein and RNA interactions in the male-specific lethal complex on Drosophila melanogaster polytene chromosomes. Chromosoma, 2015, 124, 385-395.	2.2	9
26	Molecular and genetic organization of bands and interbands in the dot chromosome of Drosophila melanogaster. Chromosoma, 2019, 128, 97-117.	2.2	7
27	The role of H3K36 methylation and associated methyltransferases in chromosome-specific gene regulation. Science Advances, 2021, 7, eabh4390.	10.3	7
28	Somatic and germline clone analysis in mutants of theS-adenosylmethionine synthetase encoding gene inDrosophila melanogaster. FEBS Letters, 1998, 427, 119-123.	2.8	6
29	Painting of Fourth and the X-Linked 1.688 Satellite in D. melanogaster Is Involved in Chromosome-Wide Gene Regulation. Cells, 2020, 9, 323.	4.1	6
30	Modulation of RNA stability regulates gene expression in two opposite ways: through buffering of RNA levels upon global perturbations and by supporting adapted differential expression. Nucleic Acids Research, 2022, 50, 4372-4388.	14.5	5
31	Transposon activity, local duplications and propagation of structural variants across haplotypes drive the evolution of the Drosophila S2 cell line. BMC Genomics, 2022, 23, 276.	2.8	4
32	DamID transcriptional profiling identifies the Snail/Scratch transcription factor Kahuli as an Alk target in the Drosophila visceral mesoderm. Development (Cambridge), 2021, 148, .	2.5	2
33	Genome-wide mapping of Painting of fourth on Drosophila melanogaster salivary gland polytene chromosomes. Genomics Data, 2014, 2, 63-65.	1.3	1