

Thomas C Kaufman

List of Publications by Year in descending order

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52
papers

10,736
citations

126907

33
h-index

182427

51
g-index

52
all docs

52
docs citations

52
times ranked

11996
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of genes and genomes on the <i>Drosophila</i> phylogeny. <i>Nature</i> , 2007, 450, 203-218.	27.8	1,886
2	The developmental transcriptome of <i>Drosophila melanogaster</i> . <i>Nature</i> , 2011, 471, 473-479.	27.8	1,379
3	Identification of Functional Elements and Regulatory Circuits by <i>Drosophila</i> modENCODE. <i>Science</i> , 2010, 330, 1787-1797.	12.6	1,124
4	FlyBase 2.0: the next generation. <i>Nucleic Acids Research</i> , 2019, 47, D759-D765.	14.5	697
5	Diversity and dynamics of the <i>Drosophila</i> transcriptome. <i>Nature</i> , 2014, 512, 393-399.	27.8	647
6	Discovery of functional elements in 12 <i>Drosophila</i> genomes using evolutionary signatures. <i>Nature</i> , 2007, 450, 219-232.	27.8	573
7	CYTOGENETIC ANALYSIS OF CHROMOSOME 3 IN <i>DROSOPHILA MELANOGASTER</i> : THE HOMOEOTIC GENE COMPLEX IN POLYTENE CHROMOSOME INTERVAL 84A-B. <i>Genetics</i> , 1980, 94, 115-133.	2.9	428
8	The molecular organization of the Antennapedia locus of <i>drosophila</i> . <i>Cell</i> , 1983, 35, 763-776.	28.9	388
9	FlyBase: updates to the <i>Drosophila melanogaster</i> knowledge base. <i>Nucleic Acids Research</i> , 2021, 49, D899-D907.	14.5	374
10	Comparative analysis of the transcriptome across distant species. <i>Nature</i> , 2014, 512, 445-448.	27.8	289
11	FlyBase: a guided tour of highlighted features. <i>Genetics</i> , 2022, 220, .	2.9	281
12	Safeguarding gene drive experiments in the laboratory. <i>Science</i> , 2015, 349, 927-929.	12.6	254
13	The transcriptional diversity of 25 <i>Drosophila</i> cell lines. <i>Genome Research</i> , 2011, 21, 301-314.	5.5	235
14	Zygotic development without functional mitotic centrosomes. <i>Current Biology</i> , 2001, 11, 116-120.	3.9	214
15	Alliance of Genome Resources Portal: unified model organism research platform. <i>Nucleic Acids Research</i> , 2020, 48, D650-D658.	14.5	145
16	Molecular evidence for the gnathobasic derivation of arthropod mandibles and for the appendicular origin of the labrum and other structures. <i>Development Genes and Evolution</i> , 1998, 208, 142-150.	0.9	121
17	Research resources for <i>Drosophila</i> : the expanding universe. <i>Nature Reviews Genetics</i> , 2005, 6, 179-193.	16.3	106
18	Distribution of the Sex combs reduced Gene Products in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 1987, 117, 51-60.	2.9	105

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19	A Molecularly Defined Duplication Set for the X Chromosome of <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2010, 186, 1111-1125.	2.9	97
20	CYTOGENETIC ANALYSIS OF CHROMOSOME 3 IN <i>DROSOPHILA MELANOGASTER</i> : ISOLATION AND CHARACTERIZATION OF FOUR NEW ALLELES OF THE PROBOSCIPEDIA (<i>pb</i>) LOCUS. <i>Genetics</i> , 1978, 90, 579-596.	2.9	92
21	Chelicerate Hox genes and the homology of arthropod segments. <i>Evolution & Development</i> , 1999, 1, 77-89.	2.0	90
22	The centrosome is a dynamic structure that ejects PCM flares. <i>Journal of Cell Science</i> , 2002, 115, 4707-4718.	2.0	89
23	Developmental distribution of RNA and protein products of the <i>Drosophila</i> $\hat{\pm}$ -tubulin gene family. <i>Developmental Biology</i> , 1989, 132, 45-61.	2.0	87
24	THE RELATIONSHIP BETWEEN THE FUNCTIONAL COMPLEXITY AND THE MOLECULAR ORGANIZATION OF THE <i>ANTENNAPEDIA</i> LOCUS OF <i>DROSOPHILA MELANOGASTER</i> . <i>Genetics</i> , 1986, 114, 919-942.	2.9	83
25	<i>Drosophila</i> Centrosomin Protein is Required for Male Meiosis and Assembly of the Flagellar Axoneme. <i>Journal of Cell Biology</i> , 1998, 141, 455-467.	5.2	77
26	GENETIC ANALYSIS OF <i>B2t</i> , THE STRUCTURAL GENE FOR A TESTIS-SPECIFIC $\hat{2}$ -TUBULIN SUBUNIT IN <i>DROSOPHILA MELANOGASTER</i> . <i>Genetics</i> , 1983, 105, 345-356.	2.9	74
27	Diversity of miRNAs, siRNAs, and piRNAs across 25 <i>Drosophila</i> cell lines. <i>Genome Research</i> , 2014, 24, 1236-1250.	5.5	66
28	Embryonic expression patterns of the Hox genes of the crayfish <i>Procambarus clarkii</i> (Crustacea). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38</i>	2.0	53
29	A Short History and Description of <i>Drosophila melanogaster</i> Classical Genetics: Chromosome Aberrations, Forward Genetic Screens, and the Nature of Mutations. <i>Genetics</i> , 2017, 206, 665-689.	2.9	53
30	Harmonizing model organism data in the Alliance of Genome Resources. <i>Genetics</i> , 2022, 220, .	2.9	52
31	A REHABILITATION OF THE GENETIC MAP OF THE 84B-D REGION IN <i>DROSOPHILA MELANOGASTER</i> . <i>Genetics</i> , 1986, 114, 111-123.	2.9	49
32	Characterization of the Hox cluster from the mosquito <i>Anopheles gambiae</i> (Diptera: culicidae). <i>Evolution & Development</i> , 2000, 2, 311-325.	2.0	46
33	A New Resource for Characterizing X-Linked Genes in <i>Drosophila melanogaster</i> : Systematic Coverage and Subdivision of the X Chromosome With Nested, Y-Linked Duplications. <i>Genetics</i> , 2010, 186, 1095-1109.	2.9	44
34	A cytogenetic analysis of X-ray induced male steriles on the Y chromosome of <i>Drosophila melanogaster</i> . <i>Chromosoma</i> , 1982, 87, 535-559.	2.2	42
35	Origin of the arthropod mandible. <i>Nature</i> , 1996, 380, 395-395.	27.8	40
36	Transgenic tools for members of the genus <i>Drosophila</i> with sequenced genomes. <i>Fly</i> , 2010, 4, 349-362.	1.7	39

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37	Effects of Gene Dose, Chromatin, and Network Topology on Expression in <i>Drosophila melanogaster</i> . <i>PLoS Genetics</i> , 2016, 12, e1006295.	3.5	38
38	Model organism data evolving in support of translational medicine. <i>Lab Animal</i> , 2018, 47, 277-289.	0.4	35
39	Regulation of <i>proboscipedia</i> in <i>Drosophila</i> by Homeotic Selector Genes. <i>Genetics</i> , 2000, 156, 183-194.	2.9	34
40	Identification and expression of the gap segmentation gene <i>hunchback</i> in <i>Drosophila melanogaster</i> . <i>Genesis</i> , 1988, 9, 715-732.	2.1	33
41	The centrosome in <i>Drosophila</i> oocyte development. <i>Current Topics in Developmental Biology</i> , 1999, 49, 385-407.	2.2	33
42	The <i>Anopheles</i> Genome and Comparative Insect Genomics. <i>Science</i> , 2002, 298, 97-98.	12.6	26
43	Developmental genetics of a temperature-sensitive RNA polymerase II mutation in <i>Drosophila melanogaster</i> . <i>Molecular Genetics and Genomics</i> , 1982, 187, 120-125.	2.4	22
44	A diverse approach to arthropod development. <i>Evolution & Development</i> , 2000, 2, 6-8.	2.0	19
45	Centrosomin: A Complex Mix of Long and Short Isoforms Is Required for Centrosome Function During Early Development in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2009, 182, 979-997.	2.9	19
46	Proteome changes in the aging <i>Drosophila melanogaster</i> head. <i>International Journal of Mass Spectrometry</i> , 2018, 425, 36-46.	1.5	17
47	centrosomin's beautiful sister (<i>cbs</i>) encodes a GRIP-domain protein that marks Golgi inheritance and functions in the centrosome cycle in <i>Drosophila</i> . <i>Journal of Cell Science</i> , 2006, 119, 3399-3412.	2.0	15
48	Effects of a temperature-sensitive <i>Minute</i> mutation on gene expression in <i>Drosophila melanogaster</i> . <i>Genetical Research</i> , 1984, 43, 257-275.	0.9	10
49	An Amino-Terminal Polo Kinase Interaction Motif Acts in the Regulation of Centrosome Formation and Reveals a Novel Function for centrosomin (<i>cnn</i>) in <i>Drosophila</i> . <i>Genetics</i> , 2015, 201, 685-706.	2.9	8
50	Probing the Boundaries of Orthology: The Unanticipated Rapid Evolution of <i>Drosophila</i> centrosomin. <i>Genetics</i> , 2013, 194, 903-926.	2.9	7
51	The end of a monolith: Deconstructing the <i>Cnn</i> -Polo interaction. <i>Fly</i> , 2016, 10, 60-72.	1.7	1
52	In Memoriam William Martin Gelbart (1945-2015). <i>Genetics</i> , 2015, 201, 809-810.	2.9	0