

Daniel Bopp

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

4,873
citations

279798

23
h-index

477307

29
g-index

33
all docs

33
docs citations

33
times ranked

4368
citing authors

#	ARTICLE	IF	CITATIONS
1	The genome of the model beetle and pest <i>Tribolium castaneum</i> . <i>Nature</i> , 2008, 452, 949-955.	27.8	1,255
2	Structure of the segmentation gene paired and the <i>Drosophila</i> PRD gene set as part of a gene network. <i>Cell</i> , 1986, 47, 735-746.	28.9	509
3	Conservation of a large protein domain in the segmentation gene paired and in functionally related genes of <i>Drosophila</i> . <i>Cell</i> , 1986, 47, 1033-1040.	28.9	496
4	The <i>Drosophila orb</i> RNA-binding protein is required for the formation of the egg chamber and establishment of polarity.. <i>Genes and Development</i> , 1994, 8, 598-613.	5.9	309
5	Genome of the house fly, <i>Musca domestica</i> L., a global vector of diseases with adaptations to a septic environment. <i>Genome Biology</i> , 2014, 15, 466.	8.8	252
6	Structure of two genes at the gooseberry locus related to the paired gene and their spatial expression during <i>Drosophila</i> embryogenesis.. <i>Genes and Development</i> , 1987, 1, 1247-1267.	5.9	227
7	Developmental distribution of female-specific Sex-lethal proteins in <i>Drosophila melanogaster</i> .. <i>Genes and Development</i> , 1991, 5, 403-415.	5.9	210
8	Isolation of the paired gene of <i>Drosophila</i> and its spatial expression during early embryogenesis. <i>Nature</i> , 1986, 321, 493-499.	27.8	178
9	X:A ratio, the primary sex-determining signal in <i>Drosophila</i> , is transduced by helix-loop-helix proteins. <i>Cell</i> , 1990, 63, 1179-1191.	28.9	167
10	Molecular Characterization of the Key Switch <i>F</i> Provides a Basis for Understanding the Rapid Divergence of the Sex-Determining Pathway in the Housefly. <i>Genetics</i> , 2010, 184, 155-170.	2.9	155
11	The paired box gene <i>pox neuro</i> : A determinant of poly-innervated sense organs in <i>Drosophila</i> . <i>Cell</i> , 1992, 69, 159-172.	28.9	136
12	Sex Determination in Insects: Variations on a Common Theme. <i>Sexual Development</i> , 2014, 8, 20-28.	2.0	125
13	Male sex in houseflies is determined by <i>Mdmd</i> , a paralog of the generic splice factor gene <i>CWC22</i> . <i>Science</i> , 2017, 356, 642-645.	12.6	119
14	Sex determination in <i>Drosophila melanogaster</i> and <i>Musca domestica</i> converges at the level of the terminal regulator <i>doublesex</i> . <i>Development Genes and Evolution</i> , 2004, 214, 29-42.	0.9	116
15	Rapid restructuring of <i>bicoid</i> -dependent <i>hunchback</i> promoters within and between Dipteran species: implications for molecular coevolution. <i>Evolution & Development</i> , 2001, 3, 397-407.	2.0	87
16	<i>Musca domestica</i> , a window on the evolution of sex-determining mechanisms in insects. <i>International Journal of Developmental Biology</i> , 2002, 46, 75-9.	0.6	87
17	Genetic transformation of the housefly <i>Musca domestica</i> with the lepidopteran derived transposon <i>piggyBac</i> . <i>Insect Molecular Biology</i> , 2001, 10, 113-119.	2.0	82
18	The <i>transformer2</i> gene in <i>Musca domestica</i> is required for selecting and maintaining the female pathway of development. <i>Development Genes and Evolution</i> , 2005, 215, 165-176.	0.9	70

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19	Sexual Behavior: How Sex Peptide Flips the Postmating Switch of Female Flies. <i>Current Biology</i> , 2012, 22, R520-R522.	3.9	59
20	Highly efficient DNA-free gene disruption in the agricultural pest <i>Ceratitis capitata</i> by CRISPR-Cas9 ribonucleoprotein complexes. <i>Scientific Reports</i> , 2017, 7, 10061.	3.3	59
21	A New Component of the <i>Nasonia</i> Sex Determining Cascade Is Maternally Silenced and Regulates Transformer Expression. <i>PLoS ONE</i> , 2013, 8, e63618.	2.5	45
22	Genetic Control of Courtship Behavior in the Housefly: Evidence for a Conserved Bifurcation of the Sex-Determining Pathway. <i>PLoS ONE</i> , 2013, 8, e62476.	2.5	32
23	CRISPR-Cas9 targeted disruption of the yellow ortholog in the housefly identifies the brown body locus. <i>Scientific Reports</i> , 2017, 7, 4582.	3.3	29
24	About females and males: continuity and discontinuity in flies. <i>Journal of Genetics</i> , 2010, 89, 315-323.	0.7	23
25	Isolation and Structural Analysis of the extra sex combs Gene of <i>Drosophila</i> . <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 1985, 50, 127-134.	1.1	19
26	Minimal Effects of Proto-Y Chromosomes on House Fly Gene Expression in Spite of Evidence that Selection Maintains Stable Polygenic Sex Determination. <i>Genetics</i> , 2019, 213, 313-327.	2.9	11
27	Temperature-dependent effects of house fly proto-Y chromosomes on gene expression could be responsible for fitness differences that maintain polygenic sex determination. <i>Molecular Ecology</i> , 2021, 30, 5704-5720.	3.9	6
28	Hormones and Sex-Specific Transcription Factors Jointly Control Yolk Protein Synthesis in <i>Musca domestica</i> . <i>International Journal of Evolutionary Biology</i> , 2009, 2009, 1-9.	1.0	4
29	Merging sex and position. <i>BioEssays</i> , 2001, 23, 304-306.	2.5	3