Brian Oliver

List of Publications by Year
in descending order

51 papers	7,964 citations	186265 28 h-index	189892 50 g-index
58 all docs	58 docs citations	58 times ranked	10695 citing authors

#	Article	IF	Citations
1	The developmental transcriptome of Drosophila melanogaster. Nature, 2011, 471, 473-479.	27.8	1,379
2	Identification of Functional Elements and Regulatory Circuits by Drosophila modENCODE. Science, 2010, 330, 1787-1797.	12.6	1,124
3	Diversity and dynamics of the Drosophila transcriptome. Nature, 2014, 512, 393-399.	27.8	647
4	Synthetic spike-in standards for RNA-seq experiments. Genome Research, 2011, 21, 1543-1551.	5.5	588
5	Paucity of Genes on the Drosophila X Chromosome Showing Male-Biased Expression. Science, 2003, 299, 697-700.	12.6	524
6	Microarrays, deep sequencing and the true measure of the transcriptome. BMC Biology, 2011, 9, 34.	3.8	432
7	Fly Cell Atlas: A single-nucleus transcriptomic atlas of the adult fruit fly. Science, 2022, 375, eabk2432.	12.6	295
8	Global analysis of X-chromosome dosage compensation. Journal of Biology, 2006, 5, 3.	2.7	294
9	Comparative analysis of the transcriptome across distant species. Nature, 2014, 512, 445-448.	27.8	289
10	A survey of ovary-, testis-, and soma-biased gene expression in Drosophila melanogasteradults. Genome Biology, 2004, 5, R40.	9.6	273
11	Evidence for compensatory upregulation of expressed X-linked genes in mammals, Caenorhabditis elegans and Drosophila melanogaster. Nature Genetics, 2011, 43, 1179-1185.	21.4	260
12	Demasculinization of X chromosomes in the Drosophila genus. Nature, 2007, 450, 238-241.	27.8	229
13	Expression in Aneuploid Drosophila S2 Cells. PLoS Biology, 2010, 8, e1000320.	5.6	161
14	Comparison of normalization and differential expression analyses using RNA-Seq data from 726 individual Drosophila melanogaster. BMC Genomics, 2016, 17, 28.	2.8	154
15	Comparative genomics of Drosophila and human core promoters. Genome Biology, 2006, 7, R53.	9.6	137
16	Sex- and Tissue-Specific Functions of Drosophila Doublesex Transcription Factor Target Genes. Developmental Cell, 2014, 31, 761-773.	7.0	122
17	Mediation of Drosophila autosomal dosage effects and compensation by network interactions. Genome Biology, 2012, 13, R28.	9.6	98
18	DNA copy number evolution in Drosophila cell lines. Genome Biology, 2014, 15, R70.	8.8	96

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19	Sex-specific DoublesexM expression in subsets of Drosophilasomatic gonad cells. BMC Developmental Biology, 2007, 7, 113.	2.1	64
20	Battle of the Xs. BioEssays, 2004, 26, 543-548.	2.5	56
21	Dynamic sex chromosome expression in Drosophila male germ cells. Nature Communications, 2021, 12, 892.	12.8	53
22	Gene expression neighborhoods. Journal of Biology, 2002, 1, 4.	2.7	50
23	Sex, flies and microarrays. Nature Genetics, 2001, 29, 355-356.	21.4	49
24	Sex, Dose, and Equality. PLoS Biology, 2007, 5, e340.	5.6	48
25	Re-annotation of eightDrosophilagenomes. Life Science Alliance, 2018, 1, e201800156.	2.8	46
26	Genetic control of germline sexual dimorphism in Drosophila. International Review of Cytology, 2002, 219, 1-60.	6.2	42
27	Whole genome screen reveals a novel relationship between Wolbachia levels and Drosophila host translation. PLoS Pathogens, 2018, 14, e1007445.	4.7	42
28	Gene Discovery Using Computational and Microarray Analysis of Transcription in the Drosophila melanogaster Testis. Genome Research, 2000, 10, 2030-2043.	5.5	41
29	Effects of Gene Dose, Chromatin, and Network Topology on Expression in Drosophila melanogaster. PLoS Genetics, 2016, 12, e1006295.	3.5	38
30	Drosophila OVO zinc-finger protein regulates ovo and ovarian tumor target promoters. Development Genes and Evolution, 1998, 208, 213-222.	0.9	35
31	Microenvironmental Gene Expression Plasticity Among IndividualDrosophila melanogaster. G3: Genes, Genomes, Genetics, 2016, 6, 4197-4210.	1.8	31
32	External RNA Controls Consortium Beta Version Update. Journal of Genomics, 2016, 4, 19-22.	0.9	28
33	X Chromosome and Autosome Dosage Responses in Drosophila melanogaster Heads. G3: Genes, Genomes, Genetics, 2015, 5, 1057-1063.	1.8	26
34	New AUG initiation codons in a long 5' UTR create four dominant negative alleles of the Drosophila C 2 H 2 zinc-finger gene ovo. Development Genes and Evolution, 1998, 207, 482-487.	0.9	23
35	Genomics of sex determination in Drosophila. Briefings in Functional Genomics, 2012, 11, 387-394.	2.7	23
36	Reprogramming of regulatory network using expression uncovers sex-specific gene regulation in Drosophila. Nature Communications, 2018, 9, 4061.	12.8	23

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37	Linking Genes and Brain Development of Honeybee Workers: A Whole-Transcriptome Approach. PLoS ONE, 2016, 11, e0157980.	2.5	21
38	Core Promoter Sequences Contribute to ovo-B Regulation in the Drosophila melanogaster Germline. Genetics, 2005, 169, 161-172.	2.9	17
39	Sperm Head-Tail Linkage Requires Restriction of Pericentriolar Material to the Proximal Centriole End. Developmental Cell, 2020, 53, 86-101.e7.	7.0	17
40	DrosophilaHeterochromatin Stabilization Requires the Zinc-Finger Protein Small Ovary. Genetics, 2019, 213, 877-895.	2.9	15
41	Suppression of distinct ovo phenotypes in the Drosophila female germline bymalelessâ˜ andSex-lethalM. , 1998, 23, 335-346.		13
42	A Class of Diacylglycerol Acyltransferase 1 Inhibitors Identified by a Combination of Phenotypic High-throughput Screening, Genomics, and Genetics. EBioMedicine, 2016, 8, 49-59.	6.1	13
43	How many genes in a genome?. Genome Biology, 2003, 5, 204.	9.6	9
44	Dosage-Dependent Expression Variation Suppressed on the Drosophila Male X Chromosome. G3: Genes, Genomes, Genetics, 2018, 8, 587-598.	1.8	9
45	Non-canonical Drosophila X chromosome dosage compensation and repressive topologically associated domains. Epigenetics and Chromatin, 2018, 11, 62.	3.9	7
46	IRBIT Directs Differentiation of Intestinal Stem Cell Progeny to Maintain Tissue Homeostasis. IScience, 2020, 23, 100954.	4.1	6
47	Exploring Effects of Sex and Diet on Drosophila melanogaster Head Gene Expression. Journal of Genomics, 2017, 5, 128-131.	0.9	3
48	Fly Factory. Genome Research, 2002, 12, 1017-1018.	5.5	2
49	Females have a lot of guts. Nature, 2016, 530, 289-290.	27.8	1
50	Reconstruction of Gene Regulatory Networks by Integrating Biological Model and a Recommendation System. Lecture Notes in Computer Science, 2020, , 274-275.	1.3	1
51	is a 5' UTR deletion of the essential gene in. MicroPublication Biology, 2020, 2020, .	0.1	0