

Brian Oliver

List of Publications by Year in descending order

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Version: 2024-02-01

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	Fly Cell Atlas: A single-nucleus transcriptomic atlas of the adult fruit fly. <i>Science</i> , 2022, 375, eabk2432.	12.6	295
2	Dynamic sex chromosome expression in <i>Drosophila</i> male germ cells. <i>Nature Communications</i> , 2021, 12, 892.	12.8	53
3	IRBIT Directs Differentiation of Intestinal Stem Cell Progeny to Maintain Tissue Homeostasis. <i>IScience</i> , 2020, 23, 100954.	4.1	6
4	Sperm Head-Tail Linkage Requires Restriction of Pericentriolar Material to the Proximal Centriole End. <i>Developmental Cell</i> , 2020, 53, 86-101.e7.	7.0	17
5	Reconstruction of Gene Regulatory Networks by Integrating Biological Model and a Recommendation System. <i>Lecture Notes in Computer Science</i> , 2020, , 274-275.	1.3	1
6	is a 5' UTR deletion of the essential gene in. <i>MicroPublication Biology</i> , 2020, 2020, .	0.1	0
7	<i>Drosophila</i> Heterochromatin Stabilization Requires the Zinc-Finger Protein Small Ovary. <i>Genetics</i> , 2019, 213, 877-895.	2.9	15
8	Dosage-Dependent Expression Variation Suppressed on the <i>Drosophila</i> Male X Chromosome. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 587-598.	1.8	9
9	Non-canonical <i>Drosophila</i> X chromosome dosage compensation and repressive topologically associated domains. <i>Epigenetics and Chromatin</i> , 2018, 11, 62.	3.9	7
10	Whole genome screen reveals a novel relationship between <i>Wolbachia</i> levels and <i>Drosophila</i> host translation. <i>PLoS Pathogens</i> , 2018, 14, e1007445.	4.7	42
11	Reprogramming of regulatory network using expression uncovers sex-specific gene regulation in <i>Drosophila</i> . <i>Nature Communications</i> , 2018, 9, 4061.	12.8	23
12	Re-annotation of eight <i>Drosophila</i> genomes. <i>Life Science Alliance</i> , 2018, 1, e201800156.	2.8	46
13	Exploring Effects of Sex and Diet on <i>Drosophila melanogaster</i> Head Gene Expression. <i>Journal of Genomics</i> , 2017, 5, 128-131.	0.9	3
14	External RNA Controls Consortium Beta Version Update. <i>Journal of Genomics</i> , 2016, 4, 19-22.	0.9	28
15	Microenvironmental Gene Expression Plasticity Among Individual <i>Drosophila melanogaster</i> . <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 4197-4210.	1.8	31
16	A Class of Diacylglycerol Acyltransferase 1 Inhibitors Identified by a Combination of Phenotypic High-throughput Screening, Genomics, and Genetics. <i>EBioMedicine</i> , 2016, 8, 49-59.	6.1	13
17	Comparison of normalization and differential expression analyses using RNA-Seq data from 726 individual <i>Drosophila melanogaster</i> . <i>BMC Genomics</i> , 2016, 17, 28.	2.8	154
18	Females have a lot of guts. <i>Nature</i> , 2016, 530, 289-290.	27.8	1

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19	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
20	Linking Genes and Brain Development of Honeybee Workers: A Whole-Transcriptome Approach. <i>PLoS ONE</i> , 2016, 11, e0157980.	2.5	21
21	X Chromosome and Autosome Dosage Responses in <i>Drosophila melanogaster</i> Heads. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 1057-1063.	1.8	26
22	DNA copy number evolution in <i>Drosophila</i> cell lines. <i>Genome Biology</i> , 2014, 15, R70.	8.8	96
23	Sex- and Tissue-Specific Functions of <i>Drosophila</i> Doublesex Transcription Factor Target Genes. <i>Developmental Cell</i> , 2014, 31, 761-773.	7.0	122
24	Diversity and dynamics of the <i>Drosophila</i> transcriptome. <i>Nature</i> , 2014, 512, 393-399.	27.8	647
25	Comparative analysis of the transcriptome across distant species. <i>Nature</i> , 2014, 512, 445-448.	27.8	289
26	Mediation of <i>Drosophila</i> autosomal dosage effects and compensation by network interactions. <i>Genome Biology</i> , 2012, 13, R28.	9.6	98
27	Genomics of sex determination in <i>Drosophila</i> . <i>Briefings in Functional Genomics</i> , 2012, 11, 387-394.	2.7	23
28	Synthetic spike-in standards for RNA-seq experiments. <i>Genome Research</i> , 2011, 21, 1543-1551.	5.5	588
29	The developmental transcriptome of <i>Drosophila melanogaster</i> . <i>Nature</i> , 2011, 471, 473-479.	27.8	1,379
30	Microarrays, deep sequencing and the true measure of the transcriptome. <i>BMC Biology</i> , 2011, 9, 34.	3.8	432
31	Evidence for compensatory upregulation of expressed X-linked genes in mammals, <i>Caenorhabditis elegans</i> and <i>Drosophila melanogaster</i> . <i>Nature Genetics</i> , 2011, 43, 1179-1185.	21.4	260
32	Expression in Aneuploid <i>Drosophila</i> S2 Cells. <i>PLoS Biology</i> , 2010, 8, e1000320.	5.6	161
33	Identification of Functional Elements and Regulatory Circuits by <i>Drosophila</i> modENCODE. <i>Science</i> , 2010, 330, 1787-1797.	12.6	1,124
34	Sex-specific DoublesexM expression in subsets of <i>Drosophila</i> somatic gonad cells. <i>BMC Developmental Biology</i> , 2007, 7, 113.	2.1	64
35	Demasculinization of X chromosomes in the <i>Drosophila</i> genus. <i>Nature</i> , 2007, 450, 238-241.	27.8	229
36	Sex, Dose, and Equality. <i>PLoS Biology</i> , 2007, 5, e340.	5.6	48

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37	Comparative genomics of <i>Drosophila</i> and human core promoters. <i>Genome Biology</i> , 2006, 7, R53.	9.6	137
38	Global analysis of X-chromosome dosage compensation. <i>Journal of Biology</i> , 2006, 5, 3.	2.7	294
39	Core Promoter Sequences Contribute to ovo-B Regulation in the <i>Drosophila melanogaster</i> Germline. <i>Genetics</i> , 2005, 169, 161-172.	2.9	17
40	Battle of the Xs. <i>BioEssays</i> , 2004, 26, 543-548.	2.5	56
41	A survey of ovary-, testis-, and soma-biased gene expression in <i>Drosophila melanogaster</i> adults. <i>Genome Biology</i> , 2004, 5, R40.	9.6	273
42	How many genes in a genome?. <i>Genome Biology</i> , 2003, 5, 204.	9.6	9
43	Paucity of Genes on the <i>Drosophila</i> X Chromosome Showing Male-Biased Expression. <i>Science</i> , 2003, 299, 697-700.	12.6	524
44	Genetic control of germline sexual dimorphism in <i>Drosophila</i> . <i>International Review of Cytology</i> , 2002, 219, 1-60.	6.2	42
45	Fly Factory. <i>Genome Research</i> , 2002, 12, 1017-1018.	5.5	2
46	Gene expression neighborhoods. <i>Journal of Biology</i> , 2002, 1, 4.	2.7	50
47	Sex, flies and microarrays. <i>Nature Genetics</i> , 2001, 29, 355-356.	21.4	49
48	Gene Discovery Using Computational and Microarray Analysis of Transcription in the <i>Drosophila melanogaster</i> Testis. <i>Genome Research</i> , 2000, 10, 2030-2043.	5.5	41
49	New AUG initiation codons in a long 5' UTR create four dominant negative alleles of the <i>Drosophila</i> C2H2 zinc-finger gene <i>ovo</i> . <i>Development Genes and Evolution</i> , 1998, 207, 482-487.	0.9	23
50	Suppression of distinct <i>ovo</i> phenotypes in the <i>Drosophila</i> female germline by <i>maleless</i> ⁺ and <i>Sex-lethal</i> ^M . , 1998, 23, 335-346.		13
51	<i>Drosophila</i> OVO zinc-finger protein regulates <i>ovo</i> and ovarian tumor target promoters. <i>Development Genes and Evolution</i> , 1998, 208, 213-222.	0.9	35