

Eran Tauber

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

2,236
citations

304743

22
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243625

44
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58
all docs

58
docs citations

58
times ranked

2322
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural Selection Favors a Newly Derived <i>timeless</i> Allele in <i>Drosophila melanogaster</i> . Science, 2007, 316, 1895-1898.	12.6	297
2	A Molecular Basis for Natural Selection at the <i>timeless</i> Locus in <i>Drosophila melanogaster</i> . Science, 2007, 316, 1898-1900.	12.6	190
3	Dissociation of Circadian and Circatidal Timekeeping in the Marine Crustacean <i>Eurydice pulchra</i> . Current Biology, 2013, 23, 1863-1873.	3.9	153
4	Clines in clock genes: fine-tuning circadian rhythms to the environment. Trends in Genetics, 2008, 24, 124-132.	6.7	140
5	Temporal Mating Isolation Driven by a Behavioral Gene in <i>Drosophila</i> . Current Biology, 2003, 13, 140-145.	3.9	137
6	Disrupted seasonal biology impacts health, food security and ecosystems. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151453.	2.6	130
7	Genomic Analysis of European <i>Drosophila melanogaster</i> Populations Reveals Longitudinal Structure, Continent-Wide Selection, and Previously Unknown DNA Viruses. Molecular Biology and Evolution, 2020, 37, 2661-2678.	8.9	104
8	DNA methylation changes induced by long and short photoperiods in <i>Nasonia</i> . Genome Research, 2016, 26, 203-210.	5.5	96
9	Clock Gene Evolution and Functional Divergence. Journal of Biological Rhythms, 2004, 19, 445-458.	2.6	83
10	Acoustic communication in <i>Drosophila</i> . Behavioural Processes, 2003, 64, 197-210.	1.1	82
11	Insect Photoperiodism and Circadian Clocks: Models and Mechanisms. Journal of Biological Rhythms, 2001, 16, 381-390.	2.6	76
12	Role for Circadian Clock Genes in Seasonal Timing: Testing the Bünning Hypothesis. PLoS Genetics, 2014, 10, e1004603.	3.5	53
13	Functional Gene Expression Profiling in Yeast Implicates Translational Dysfunction in Mutant Huntingtin Toxicity. Journal of Biological Chemistry, 2011, 286, 410-419.	3.4	51
14	Is diapause an ancient adaptation in <i>Drosophila</i> ?. Journal of Insect Physiology, 2017, 98, 267-274.	2.0	50
15	Geographical analysis of diapause inducibility in European <i>Drosophila melanogaster</i> populations. Journal of Insect Physiology, 2017, 98, 238-244.	2.0	45
16	Molecular genetics of the fruit-fly circadian clock. European Journal of Human Genetics, 2006, 14, 729-738.	2.8	44
17	The role of microRNAs (miRNA) in circadian rhythmicity. Journal of Genetics, 2008, 87, 505-511.	0.7	44
18	<i>Drosophila</i> Evolution over Space and Time (DEST): A New Population Genomics Resource. Molecular Biology and Evolution, 2021, 38, 5782-5805.	8.9	37

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19	Song production in auditory mutants of <i>Drosophila</i> : the role of sensory feedback. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2001, 187, 341-348.	1.6	36
20	Inverse European Latitudinal Cline at the <i>timeless</i> Locus of <i>Drosophila melanogaster</i> Reveals Selection on a Clock Gene: Population Genetics of <i>ls-tim</i> . <i>Journal of Biological Rhythms</i> , 2018, 33, 15-23.	2.6	35
21	DUET SINGING AND FEMALE CHOICE IN THE BUSHCRICKET PHANEROPTERA NANA. <i>Behaviour</i> , 2001, 138, 411-430.	0.8	25
22	Animal clocks: a multitude of molecular mechanisms for circadian timekeeping. <i>Wiley Interdisciplinary Reviews RNA</i> , 2011, 2, 312-320.	6.4	24
23	The Effect of Male Competition on the Courtship Song of <i>Drosophila melanogaster</i> . <i>Journal of Insect Behavior</i> , 2002, 15, 109-120.	0.7	23
24	Metagenomic analysis reveals the signature of gut microbiota associated with human chronotypes. <i>FASEB Journal</i> , 2021, 35, e22011.	0.5	23
25	Phase polymorphism in <i>Locusta migratoria</i> : the relative effects of geographical strains and albinism on morphometrics. <i>Physiological Entomology</i> , 2001, 26, 95-105.	1.5	21
26	Identification and functional analysis of early gene expression induced by circadian light-resetting in <i>Drosophila</i> . <i>BMC Genomics</i> , 2015, 16, 570.	2.8	21
27	Molecular Evolution and Population Genetics of Circadian Clock Genes. <i>Methods in Enzymology</i> , 2005, 393, 797-817.	1.0	18
28	WaspAtlas: a <i>Nasonia vitripennis</i> gene database and analysis platform. <i>Database: the Journal of Biological Databases and Curation</i> , 2015, 2015, bav103.	3.0	18
29	DNA Methylation and Sex Allocation in the Parasitoid Wasp <i>Nasonia vitripennis</i> . <i>American Naturalist</i> , 2015, 186, 513-518.	2.1	14
30	Gene Expression Associated with Early and Late Chronotypes in <i>Drosophila melanogaster</i> . <i>Frontiers in Neurology</i> , 2015, 6, 100.	2.4	13
31	Bidirectional communication system in katydids: the effect on chorus structure. <i>Behavioral Ecology</i> , 2001, 12, 308-312.	2.2	12
32	Validating the Demethylating Effects of 5-aza-2'-deoxycytidine in Insects Requires a Whole-Genome Approach. <i>American Naturalist</i> , 2019, 194, 432-438.	2.1	12
33	Adaptation of <i>Drosophila melanogaster</i> to Long Photoperiods of High-Latitude Summers Is Facilitated by the <i>ls-Timeless</i> Allele. <i>Journal of Biological Rhythms</i> , 2022, 37, 185-201.	2.6	12
34	Oviposition but Not Sex Allocation Is Associated with Transcriptomic Changes in Females of the Parasitoid Wasp <i>Nasonia vitripennis</i> . <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 2885-2892.	1.8	11
35	Molecular Evolution of a Pervasive Natural Amino-Acid Substitution in <i>Drosophila</i> cryptochrome. <i>PLoS ONE</i> , 2014, 9, e86483.	2.5	10
36	Neural and non-neural contributions to sexual dimorphism of midday sleep in <i>Drosophila melanogaster</i> : a pilot study. <i>Physiological Entomology</i> , 2016, 41, 327-334.	1.5	10

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37	The genetic basis of diurnal preference in <i>Drosophila melanogaster</i> . <i>BMC Genomics</i> , 2020, 21, 596.	2.8	10
38	Analysis of 5â€™ gene regions reveals extraordinary conservation of novel non-coding sequences in a wide range of animals. <i>BMC Evolutionary Biology</i> , 2015, 15, 227.	3.2	7
39	Differential gene expression is not required for facultative sex allocation: a transcriptome analysis of brain tissue in the parasitoid wasp <i>Nasonia vitripennis</i> . <i>Royal Society Open Science</i> , 2018, 5, 171718.	2.4	6
40	Interspecific studies of circadian genes period and timeless in <i>Drosophila</i> . <i>Gene</i> , 2018, 648, 106-114.	2.2	6
41	Genomic approaches for studying biological clocks. <i>Functional Ecology</i> , 2008, 22, 19-29.	3.6	5
42	Mapping Quantitative Trait Loci Underlying Circadian Light Sensitivity in <i>Drosophila</i> . <i>Journal of Biological Rhythms</i> , 2017, 32, 394-405.	2.6	4
43	Nucleotide Variation in <i>Drosophila</i> cryptochrome Is Linked to Circadian Clock Function: An Association Analysis. <i>Frontiers in Physiology</i> , 2022, 13, 781380.	2.8	3
44	What kind of insights can quantitative genetics provide us about this controversial hypothesis?. <i>Heredity</i> , 2012, 108, 469-470.	2.6	2
45	Genes and Genomic Searches. , 2010, , 12-20.		1
46	Photoperiod-Dependent Expression of MicroRNA in <i>Drosophila</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 4935.	4.1	1
47	Daily Rhythms of the Body and the Biological Clock. <i>Frontiers for Young Minds</i> , 0, 9, .	0.8	0