Colin D Meiklejohn

List of Publications by Year
in descending order

33 papers	3,153 citations	331670 21 h-index	477307 29 g-index
39 all docs	39 docs citations	39 times ranked	3329 citing authors

#	Article	IF	Citations
1	Sex-Dependent Gene Expression and Evolution of the Drosophila Transcriptome. Science, 2003, 300, 1742-1745.	12.6	591
2	Positive and negative selection on the mitochondrial genome. Trends in Genetics, 2007, 23, 259-263.	6.7	299
3	Rapid evolution of male-biased gene expression in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 9894-9899.	7.1	291
4	Evolution of Proteins and Gene Expression Levels are Coupled in Drosophila and are Independently Associated with mRNA Abundance, Protein Length, and Number of Protein-Protein Interactions. Molecular Biology and Evolution, 2005, 22, 1345-1354.	8.9	249
5	An Incompatibility between a Mitochondrial tRNA and Its Nuclear-Encoded tRNA Synthetase Compromises Development and Fitness in Drosophila. PLoS Genetics, 2013, 9, e1003238.	3.5	239
6	A single mode of canalization. Trends in Ecology and Evolution, 2002, 17, 468-473.	8.7	211
7	Genetic conflict and sex chromosome evolution. Trends in Ecology and Evolution, 2010, 25, 215-223.	8.7	136
8	RATES OF DIVERGENCE IN GENE EXPRESSION PROFILES OF PRIMATES, MICE, AND FLIES: STABILIZING SELECTION AND VARIABILITY AMONG FUNCTIONAL CATEGORIES. Evolution; International Journal of Organic Evolution, 2005, 59, 126-137.	2.3	131
9	Sex Chromosome-Specific Regulation in the Drosophila Male Germline But Little Evidence for Chromosomal Dosage Compensation or Meiotic Inactivation. PLoS Biology, 2011, 9, e1001126.	5.6	124
10	MITOCHONDRIAL-NUCLEAR EPISTASIS AFFECTS FITNESS WITHIN SPECIES BUT DOES NOT CONTRIBUTE TO FIXED INCOMPATIBILITIES BETWEEN SPECIES OF DROSOPHILA. Evolution; International Journal of Organic Evolution, 2010, 64, 3364-3379.	2.3	105
11	The roles of cis- and trans-regulation in the evolution of regulatory incompatibilities and sexually dimorphic gene expression. Genome Research, 2014, 24, 84-95.	5.5	78
12	Rates of divergence in gene expression profiles of primates, mice, and flies: stabilizing selection and variability among functional categories. Evolution; International Journal of Organic Evolution, 2005, 59, 126-37.	2.3	72
13	Little Evidence for Demasculinization of the Drosophila X Chromosome among Genes Expressed in the Male Germline. Genome Biology and Evolution, 2012, 4, 1007-1016.	2.5	68
14	Gene flow mediates the role of sex chromosome meiotic drive during complex speciation. ELife, 2018, 7, .	6.0	68
15	Regulatory evolution across the protein interaction network. Nature Genetics, 2004, 36, 1059-1060.	21.4	59
16	Evolution of genome structure in theDrosophila simulansspecies complex. Genome Research, 2021, 31, 380-396.	5.5	55
17	Molecular Evolution of the ocnus and janus Genes in the Drosophila melanogaster Species Subgroup. Molecular Biology and Evolution, 2001, 18, 801-811.	8.9	47
18	Patterns of DNA Sequence Variation Suggest the Recent Action of Positive Selection in the janus-ocnus Region of Drosophila simulans. Genetics, 2001, 159, 647-657.	2.9	45

#	Article	IF	Citations
19	Identification of a Locus Under Complex Positive Selection in Drosophila simulans by Haplotype Mapping and Composite-Likelihood Estimation. Genetics, 2004, 168, 265-279.	2.9	39
20	Sex Chromosome-wide Transcriptional Suppression and Compensatory Cis-Regulatory Evolution Mediate Gene Expression in the Drosophila Male Germline. PLoS Biology, 2016, 14, e1002499.	5.6	36
21	Mitochondrial Dysfunction and Infection Generate Immunityâ€“Fecundity Tradeoffs in Drosophila. Integrative and Comparative Biology, 2018, 58, 591-603.	2.0	34
22	RATES OF DIVERGENCE IN GENE EXPRESSION PROFILES OF PRIMATES, MICE, AND FLIES: STABILIZING SELECTION AND VARIABILITY AMONG FUNCTIONAL CATEGORIES. Evolution; International Journal of Organic Evolution, 2005, 59, 126.	2.3	33
23	Hybrid Sterility, Genetic Conflict and Complex Speciation: Lessons From the Drosophila simulans Clade Species. Frontiers in Genetics, 2021, 12, 669045.	2.3	28
24	Genome-Wide Gene Expression Effects of Sex Chromosome Imprinting inDrosophila. G3: Genes, Genomes, Genetics, 2014, 4, 1-10.	1.8	27
25	Temperature-Sensitive Reproduction and the Physiological and Evolutionary Potential for Motherâ€™s Curse. Integrative and Comparative Biology, 2019, 59, 890-899.	2.0	22
26	Unique structure and positive selection promote the rapid divergence of Drosophila Y chromosomes. ELife, 2022, 11, .	6.0	22
27	A Bayesian method for analysing spotted microarray data. Briefings in Bioinformatics, 2005, 6, 318-330.	6.5	17
28	Sex and suicide: The curious case of Toll-like receptors. PLoS Biology, 2020, 18, e3000663.	5.6	9
29	Heterochromatin and genetic conflict. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3915-3917.	7.1	3
30	Inferring Evolutionary History through Inter- and Intraspecific DNA Sequence Comparison. , 2005, , 1-12.		2
31	Gene expression profiling in evolutionary genetics. , 2004, , 74-93.		0
32	Invasion of the P elements: Tolerance is not futile. PLoS Biology, 2018, 16, e3000036.	5.6	0
33	RNAi Doxxes Segregation Distorters on the X. Developmental Cell, 2018, 46, 251-253.	7.0	0