

# Colin D Meiklejohn

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

3,153  
citations

331538

21  
h-index

477173

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 <i>Drosophila</i> Transcriptome. <i>Science</i> , 2003, 300, 1742-1745.	6.0	591
2	Positive and negative selection on the mitochondrial genome. <i>Trends in Genetics</i> , 2007, 23, 259-263.	2.9	299
3	Rapid evolution of male-biased gene expression in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 9894-9899.	3.3	291
4	Evolution of Proteins and Gene Expression Levels are Coupled in <i>Drosophila</i> and are Independently Associated with mRNA Abundance, Protein Length, and Number of Protein-Protein Interactions. <i>Molecular Biology and Evolution</i> , 2005, 22, 1345-1354.	3.5	249
5	An Incompatibility between a Mitochondrial tRNA and Its Nuclear-Encoded tRNA Synthetase Compromises Development and Fitness in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2013, 9, e1003238.	1.5	239
6	A single mode of canalization. <i>Trends in Ecology and Evolution</i> , 2002, 17, 468-473.	4.2	211
7	Genetic conflict and sex chromosome evolution. <i>Trends in Ecology and Evolution</i> , 2010, 25, 215-223.	4.2	136
8	RATES OF DIVERGENCE IN GENE EXPRESSION PROFILES OF PRIMATES, MICE, AND FLIES: STABILIZING SELECTION AND VARIABILITY AMONG FUNCTIONAL CATEGORIES. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 126-137.	1.1	131
9	Sex Chromosome-Specific Regulation in the <i>Drosophila</i> Male Germline But Little Evidence for Chromosomal Dosage Compensation or Meiotic Inactivation. <i>PLoS Biology</i> , 2011, 9, e1001126.	2.6	124
10	MITOCHONDRIAL-NUCLEAR EPISTASIS AFFECTS FITNESS WITHIN SPECIES BUT DOES NOT CONTRIBUTE TO FIXED INCOMPATIBILITIES BETWEEN SPECIES OF <i>DROSOPHILA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 3364-3379.	1.1	105
11	The roles of <i>cis</i> - and <i>trans</i> -regulation in the evolution of regulatory incompatibilities and sexually dimorphic gene expression. <i>Genome Research</i> , 2014, 24, 84-95.	2.4	78
12	Rates of divergence in gene expression profiles of primates, mice, and flies: stabilizing selection and variability among functional categories. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 126-37.	1.1	72
13	Little Evidence for Demasculinization of the <i>Drosophila</i> X Chromosome among Genes Expressed in the Male Germline. <i>Genome Biology and Evolution</i> , 2012, 4, 1007-1016.	1.1	68
14	Gene flow mediates the role of sex chromosome meiotic drive during complex speciation. <i>ELife</i> , 2018, 7, .	2.8	68
15	Regulatory evolution across the protein interaction network. <i>Nature Genetics</i> , 2004, 36, 1059-1060.	9.4	59
16	Evolution of genome structure in the <i>Drosophila simulans</i> species complex. <i>Genome Research</i> , 2021, 31, 380-396.	2.4	55
17	Molecular Evolution of the <i>ocnus</i> and <i>janus</i> Genes in the <i>Drosophila melanogaster</i> Species Subgroup. <i>Molecular Biology and Evolution</i> , 2001, 18, 801-811.	3.5	47
18	Patterns of DNA Sequence Variation Suggest the Recent Action of Positive Selection in the <i>janus-ocnus</i> Region of <i>Drosophila simulans</i> . <i>Genetics</i> , 2001, 159, 647-657.	1.2	45

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19	Identification of a Locus Under Complex Positive Selection in <i>Drosophila simulans</i> by Haplotype Mapping and Composite-Likelihood Estimation. <i>Genetics</i> , 2004, 168, 265-279.	1.2	39
20	Sex Chromosome-wide Transcriptional Suppression and Compensatory Cis-Regulatory Evolution Mediate Gene Expression in the <i>Drosophila</i> Male Germline. <i>PLoS Biology</i> , 2016, 14, e1002499.	2.6	36
21	Mitochondrial Dysfunction and Infection Generate Immunity—Fecundity Tradeoffs in <i>Drosophila</i> . <i>Integrative and Comparative Biology</i> , 2018, 58, 591-603.	0.9	34
22	RATES OF DIVERGENCE IN GENE EXPRESSION PROFILES OF PRIMATES, MICE, AND FLIES: STABILIZING SELECTION AND VARIABILITY AMONG FUNCTIONAL CATEGORIES. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 126.	1.1	33
23	Hybrid Sterility, Genetic Conflict and Complex Speciation: Lessons From the <i>Drosophila simulans</i> Clade Species. <i>Frontiers in Genetics</i> , 2021, 12, 669045.	1.1	28
24	Genome-Wide Gene Expression Effects of Sex Chromosome Imprinting in <i>Drosophila</i> . <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 1-10.	0.8	27
25	Temperature-Sensitive Reproduction and the Physiological and Evolutionary Potential for Mother's Curse. <i>Integrative and Comparative Biology</i> , 2019, 59, 890-899.	0.9	22
26	Unique structure and positive selection promote the rapid divergence of <i>Drosophila</i> Y chromosomes. <i>ELife</i> , 2022, 11, .	2.8	22
27	A Bayesian method for analysing spotted microarray data. <i>Briefings in Bioinformatics</i> , 2005, 6, 318-330.	3.2	17
28	Sex and suicide: The curious case of Toll-like receptors. <i>PLoS Biology</i> , 2020, 18, e3000663.	2.6	9
29	Heterochromatin and genetic conflict. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3915-3917.	3.3	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. <i>PLoS Biology</i> , 2018, 16, e3000036.	2.6	0
33	RNAi Doxxes Segregation Distorters on the X. <i>Developmental Cell</i> , 2018, 46, 251-253.	3.1	0