

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	Unique structure and positive selection promote the rapid divergence of <i>Drosophila</i> Y chromosomes. <i>ELife</i> , 2022, 11, .	2.8	22
2	Evolution of genome structure in the <i>Drosophila simulans</i> species complex. <i>Genome Research</i> , 2021, 31, 380-396.	2.4	55
3	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
4	Sex and suicide: The curious case of Toll-like receptors. <i>PLoS Biology</i> , 2020, 18, e3000663.	2.6	9
5	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
6	Invasion of the P elements: Tolerance is not futile. <i>PLoS Biology</i> , 2018, 16, e3000036.	2.6	0
7	Mitochondrial Dysfunction and Infection Generate Immunity's Fecundity Tradeoffs in <i>Drosophila</i> . <i>Integrative and Comparative Biology</i> , 2018, 58, 591-603.	0.9	34
8	RNAi Doxses Segregation Distorters on the X. <i>Developmental Cell</i> , 2018, 46, 251-253.	3.1	0
9	Gene flow mediates the role of sex chromosome meiotic drive during complex speciation. <i>ELife</i> , 2018, 7, .	2.8	68
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	Genetic conflict and sex chromosome evolution. <i>Trends in Ecology and Evolution</i> , 2010, 25, 215-223.	4.2	136

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19	Positive and negative selection on the mitochondrial genome. Trends in Genetics, 2007, 23, 259-263.	2.9	299
20	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.	1.1	131
21	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.	1.1	33
22	A Bayesian method for analysing spotted microarray data. Briefings in Bioinformatics, 2005, 6, 318-330.	3.2	17
23	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.	3.5	249
24	Inferring Evolutionary History through Inter- and Intraspecific DNA Sequence Comparison. , 2005, , 1-12.		2
25	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.	1.1	72
26	Gene expression profiling in evolutionary genetics. , 2004, , 74-93.		0
27	Identification of a Locus Under Complex Positive Selection in Drosophila simulans by Haplotype Mapping and Composite-Likelihood Estimation. Genetics, 2004, 168, 265-279.	1.2	39
28	Regulatory evolution across the protein interaction network. Nature Genetics, 2004, 36, 1059-1060.	9.4	59
29	Sex-Dependent Gene Expression and Evolution of the Drosophila Transcriptome. Science, 2003, 300, 1742-1745.	6.0	591
30	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.	3.3	291
31	A single mode of canalization. Trends in Ecology and Evolution, 2002, 17, 468-473.	4.2	211
32	Molecular Evolution of the ocnus and janus Genes in the Drosophila melanogaster Species Subgroup. Molecular Biology and Evolution, 2001, 18, 801-811.	3.5	47
33	Patterns of DNA Sequence Variation Suggest the Recent Action of Positive Selection in the <i>janus</i>-<i>ocnus</i> Region of <i>Drosophila simulans</i>. Genetics, 2001, 159, 647-657.	1.2	45