

John E Pool

List of Publications by Year in descending order

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43
papers

5,588
citations

201674

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times ranked

7754
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#	ARTICLE	IF	CITATIONS
1	The evolution of larger size in high-altitude <i>Drosophila melanogaster</i> has a variable genetic architecture. <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	1.8	4
2	Gene Regulatory Evolution in Cold-Adapted Fly Populations Neutralizes Plasticity and May Undermine Genetic Canalization. <i>Genome Biology and Evolution</i> , 2022, 14, .	2.5	5
3	A Population Genomic Assessment of Three Decades of Evolution in a Natural <i>Drosophila</i> Population. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	26
4	Parallel and population-specific gene regulatory evolution in cold-adapted fly populations. <i>Genetics</i> , 2021, 218, .	2.9	14
5	Broad geographic sampling reveals the shared basis and environmental correlates of seasonal adaptation in <i>Drosophila</i> . <i>ELife</i> , 2021, 10, .	6.0	66
6	Ethanol resistance in <i>Drosophila melanogaster</i> has increased in parallel cold-adapted populations and shows a variable genetic architecture within and between populations. <i>Ecology and Evolution</i> , 2021, 11, 15364-15376.	1.9	4
7	Recurrent Collection of <i>Drosophila melanogaster</i> from Wild African Environments and Genomic Insights into Species History. <i>Molecular Biology and Evolution</i> , 2020, 37, 627-638.	8.9	56
8	Wild African <i>Drosophila melanogaster</i> Are Seasonal Specialists on Marula Fruit. <i>Current Biology</i> , 2018, 28, 3960-3968.e3.	3.9	89
9	Directional selection reduces developmental canalization against genetic and environmental perturbations in <i>Drosophila</i> wings. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 1708-1715.	2.3	11
10	Impacts of Recurrent Hitchhiking on Divergence and Demographic Inference in <i>Drosophila</i> . <i>Genome Biology and Evolution</i> , 2018, 10, 1882-1891.	2.5	20
11	Parallel Evolution of Cold Tolerance Within <i>Drosophila melanogaster</i> . <i>Molecular Biology and Evolution</i> , 2017, 34, msw232.	8.9	47
12	PopFly: the <i>Drosophila</i> population genomics browser. <i>Bioinformatics</i> , 2017, 33, 2779-2780.	4.1	39
13	A haplotype method detects diverse scenarios of local adaptation from genomic sequence variation. <i>Molecular Ecology</i> , 2016, 25, 3081-3100.	3.9	19
14	Recurrent specialization on a toxic fruit in an island <i>Drosophila</i> population. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4771-4776.	7.1	88
15	Life history evolution and cellular mechanisms associated with increased size in high-altitude <i>Drosophila</i> . <i>Ecology and Evolution</i> , 2016, 6, 5893-5906.	1.9	25
16	The pdm3 Locus Is a Hotspot for Recurrent Evolution of Female-Limited Color Dimorphism in <i>Drosophila</i> . <i>Current Biology</i> , 2016, 26, 2412-2422.	3.9	57
17	A Variable Genetic Architecture of Melanic Evolution in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2016, 204, 1307-1319.	2.9	44
18	A Thousand Fly Genomes: An Expanded <i>Drosophila</i> Genome Nexus. <i>Molecular Biology and Evolution</i> , 2016, 33, 3308-3313.	8.9	160

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19	Genetic Mapping by Bulk Segregant Analysis in <i>Drosophila</i> : Experimental Design and Simulation-Based Inference. <i>Genetics</i> , 2016, 204, 1295-1306.	2.9	22
20	The Power of Natural Variation for Model Organism Biology. <i>Trends in Genetics</i> , 2016, 32, 147-154.	6.7	70
21	Ancient balancing selection at tan underlies female colour dimorphism in <i>Drosophila erecta</i> . <i>Nature Communications</i> , 2016, 7, 10400.	12.8	37
22	Decanalization of wing development accompanied the evolution of large wings in high-altitude <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1014-1019.	7.1	39
23	The Mosaic Ancestry of the <i>Drosophila</i> Genetic Reference Panel and the <i>D. melanogaster</i> Reference Genome Reveals a Network of Epistatic Fitness Interactions. <i>Molecular Biology and Evolution</i> , 2015, 32, msv194.	8.9	103
24	The <i>Drosophila</i> Genome Nexus: A Population Genomic Resource of 623 <i>Drosophila melanogaster</i> Genomes, Including 197 from a Single Ancestral Range Population. <i>Genetics</i> , 2015, 199, 1229-1241.	2.9	273
25	Pigmentation in <i>Drosophila melanogaster</i> reaches its maximum in Ethiopia and correlates most strongly with ultra-violet radiation in sub-Saharan Africa. <i>BMC Evolutionary Biology</i> , 2014, 14, 179.	3.2	90
26	ALTITUDINAL CLINAL VARIATION IN WING SIZE AND SHAPE IN AFRICAN <i>DROSOPHILA MELANOGASTER</i> : ONE CLINE OR MANY?. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 438-452.	2.3	71
27	Epigenomic programming contributes to the genomic drift evolution of the F-Box protein superfamily in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16927-16932.	7.1	25
28	Population Genomics of Sub-Saharan <i>Drosophila melanogaster</i> : African Diversity and Non-African Admixture. <i>PLoS Genetics</i> , 2012, 8, e1003080.	3.5	318
29	Genomic Variation in Natural Populations of <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2012, 192, 533-598.	2.9	325
30	Measures of linkage disequilibrium among neighbouring SNPs indicate asymmetries across the house mouse hybrid zone. <i>Molecular Ecology</i> , 2011, 20, 2985-3000.	3.9	58
31	Sequencing of 50 Human Exomes Reveals Adaptation to High Altitude. <i>Science</i> , 2010, 329, 75-78.	12.6	1,339
32	Archaeology Augments Tibet's Genetic History's Response. <i>Science</i> , 2010, 329, 1467-1468.	12.6	3
33	Population genetic inference from genomic sequence variation. <i>Genome Research</i> , 2010, 20, 291-300.	5.5	200
34	Stepwise Modification of a Modular Enhancer Underlies Adaptation in a <i>Drosophila</i> Population. <i>Science</i> , 2009, 326, 1663-1667.	12.6	259
35	Inference of Historical Changes in Migration Rate From the Lengths of Migrant Tracts. <i>Genetics</i> , 2009, 181, 711-719.	2.9	179
36	The diploid genome sequence of an Asian individual. <i>Nature</i> , 2008, 456, 60-65.	27.8	834

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37	The Impact of Founder Events on Chromosomal Variability in Multiply Mating Species. <i>Molecular Biology and Evolution</i> , 2008, 25, 1728-1736.	8.9	35
38	Phylogenetic incongruence in the <i>Drosophila melanogaster</i> species group. <i>Molecular Phylogenetics and Evolution</i> , 2007, 43, 1138-1150.	2.7	30
39	The genetic basis of adaptive pigmentation variation in <i>Drosophila melanogaster</i> . <i>Molecular Ecology</i> , 2007, 16, 2844-2851.	3.9	132
40	POPULATION SIZE CHANGES RESHAPE GENOMIC PATTERNS OF DIVERSITY. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 3001-3006.	2.3	157
41	Finding of male-killing <i>Spiroplasma</i> infecting <i>Drosophila melanogaster</i> in Africa implies transatlantic migration of this endosymbiont. <i>Heredity</i> , 2006, 97, 27-32.	2.6	65
42	History and Structure of Sub-Saharan Populations of <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2006, 174, 915-929.	2.9	70
43	A Scan of Molecular Variation Leads to the Narrow Localization of a Selective Sweep Affecting Both Afrotropical and Cosmopolitan Populations of <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2006, 172, 1093-1105.	2.9	35