

John E Pool

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

5,588
citations

201385

27
h-index

253896

43
g-index

58
all docs

58
docs citations

58
times ranked

7754
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequencing of 50 Human Exomes Reveals Adaptation to High Altitude. <i>Science</i> , 2010, 329, 75-78.	6.0	1,339
2	The diploid genome sequence of an Asian individual. <i>Nature</i> , 2008, 456, 60-65.	13.7	834
3	Genomic Variation in Natural Populations of <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2012, 192, 533-598.	1.2	325
4	Population Genomics of Sub-Saharan <i>Drosophila melanogaster</i> : African Diversity and Non-African Admixture. <i>PLoS Genetics</i> , 2012, 8, e1003080.	1.5	318
5	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.	1.2	273
6	Stepwise Modification of a Modular Enhancer Underlies Adaptation in a <i>Drosophila</i> Population. <i>Science</i> , 2009, 326, 1663-1667.	6.0	259
7	Population genetic inference from genomic sequence variation. <i>Genome Research</i> , 2010, 20, 291-300.	2.4	200
8	Inference of Historical Changes in Migration Rate From the Lengths of Migrant Tracts. <i>Genetics</i> , 2009, 181, 711-719.	1.2	179
9	A Thousand Fly Genomes: An Expanded <i>Drosophila</i> Genome Nexus. <i>Molecular Biology and Evolution</i> , 2016, 33, 3308-3313.	3.5	160
10	POPULATION SIZE CHANGES RESHAPE GENOMIC PATTERNS OF DIVERSITY. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 3001-3006.	1.1	157
11	The genetic basis of adaptive pigmentation variation in <i>Drosophila melanogaster</i> . <i>Molecular Ecology</i> , 2007, 16, 2844-2851.	2.0	132
12	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.	3.5	103
13	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
14	Wild African <i>Drosophila melanogaster</i> Are Seasonal Specialists on Marula Fruit. <i>Current Biology</i> , 2018, 28, 3960-3968.e3.	1.8	89
15	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.	3.3	88
16	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.	1.1	71
17	History and Structure of Sub-Saharan Populations of <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2006, 174, 915-929.	1.2	70
18	The Power of Natural Variation for Model Organism Biology. <i>Trends in Genetics</i> , 2016, 32, 147-154.	2.9	70

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19	Broad geographic sampling reveals the shared basis and environmental correlates of seasonal adaptation in <i>Drosophila</i> . <i>ELife</i> , 2021, 10, .	2.8	66
20	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.	1.2	65
21	Measures of linkage disequilibrium among neighbouring SNPs indicate asymmetries across the house mouse hybrid zone. <i>Molecular Ecology</i> , 2011, 20, 2985-3000.	2.0	58
22	The <i>pdm3</i> Locus Is a Hotspot for Recurrent Evolution of Female-Limited Color Dimorphism in <i>Drosophila</i> . <i>Current Biology</i> , 2016, 26, 2412-2422.	1.8	57
23	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.	3.5	56
24	Parallel Evolution of Cold Tolerance Within <i>Drosophila melanogaster</i> . <i>Molecular Biology and Evolution</i> , 2017, 34, msw232.	3.5	47
25	A Variable Genetic Architecture of Melanic Evolution in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2016, 204, 1307-1319.	1.2	44
26	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.	3.3	39
27	PopFly: the <i>Drosophila</i> population genomics browser. <i>Bioinformatics</i> , 2017, 33, 2779-2780.	1.8	39
28	Ancient balancing selection at <i>tan</i> underlies female colour dimorphism in <i>Drosophila erecta</i> . <i>Nature Communications</i> , 2016, 7, 10400.	5.8	37
29	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.	1.2	35
30	The Impact of Founder Events on Chromosomal Variability in Multiply Mating Species. <i>Molecular Biology and Evolution</i> , 2008, 25, 1728-1736.	3.5	35
31	Phylogenetic incongruence in the <i>Drosophila melanogaster</i> species group. <i>Molecular Phylogenetics and Evolution</i> , 2007, 43, 1138-1150.	1.2	30
32	A Population Genomic Assessment of Three Decades of Evolution in a Natural <i>Drosophila</i> Population. <i>Molecular Biology and Evolution</i> , 2022, 39, .	3.5	26
33	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.	3.3	25
34	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.	0.8	25
35	Genetic Mapping by Bulk Segregant Analysis in <i>Drosophila</i> : Experimental Design and Simulation-Based Inference. <i>Genetics</i> , 2016, 204, 1295-1306.	1.2	22
36	Impacts of Recurrent Hitchhiking on Divergence and Demographic Inference in <i>Drosophila</i> . <i>Genome Biology and Evolution</i> , 2018, 10, 1882-1891.	1.1	20

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37	A haplotype method detects diverse scenarios of local adaptation from genomic sequence variation. <i>Molecular Ecology</i> , 2016, 25, 3081-3100.	2.0	19
38	Parallel and population-specific gene regulatory evolution in cold-adapted fly populations. <i>Genetics</i> , 2021, 218, .	1.2	14
39	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.	1.1	11
40	Gene Regulatory Evolution in Cold-Adapted Fly Populations Neutralizes Plasticity and May Undermine Genetic Canalization. <i>Genome Biology and Evolution</i> , 2022, 14, .	1.1	5
41	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.	0.8	4
42	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, .	0.8	4
43	Archaeology Augments Tibet's Genetic History—Response. <i>Science</i> , 2010, 329, 1467-1468.	6.0	3