Nadia D Singh

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10879182/publications.pdf

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36	3,573	279798	345221
papers	citations	23 h-index	36 g-index

42	42	42	4397
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evolution of genes and genomes on the Drosophila phylogeny. Nature, 2007, 450, 203-218.	27.8	1,886
2	Evolution of protein-coding genes in Drosophila. Trends in Genetics, 2008, 24, 114-123.	6.7	262
3	Drosophila melanogaster recombination rate calculator. Gene, 2010, 463, 18-20.	2.2	142
4	Variation in Recombination Rate: Adaptive or Not?. Trends in Genetics, 2017, 33, 364-374.	6.7	124
5	The Genetic Architecture of Natural Variation in Recombination Rate in Drosophila melanogaster. PLoS Genetics, 2016, 12, e1005951.	3.5	102
6	Genomic Heterogeneity of Background Substitutional Patterns in Drosophila melanogaster. Genetics, 2005, 169, 709-722.	2.9	90
7	Fruit flies diversify their offspring in response to parasite infection. Science, 2015, 349, 747-750.	12.6	75
8	Drosophila suzukii: The Genetic Footprint of a Recent, Worldwide Invasion. Molecular Biology and Evolution, 2014, 31, 3148-3163.	8.9	70
9	Contrasting the Efficacy of Selection on the X and Autosomes in Drosophila. Molecular Biology and Evolution, 2008, 25, 454-467.	8.9	67
10	X-Linked Genes Evolve Higher Codon Bias in Drosophila and Caenorhabditis. Genetics, 2005, 171, 145-155.	2.9	60
11	Strong Evidence for Lineage and Sequence Specificity of Substitution Rates and Patterns in Drosophila. Molecular Biology and Evolution, 2009, 26, 1591-1605.	8.9	57
12	Codon Bias and Noncoding GC Content Correlate Negatively with Recombination Rate on the Drosophila X Chromosome. Journal of Molecular Evolution, 2005, 61, 315-324.	1.8	50
13	Rapid Sequence Turnover at an Intergenic Locus in Drosophila. Molecular Biology and Evolution, 2004, 21, 670-680.	8.9	48
14	Expansion of GA Dinucleotide Repeats Increases the Density of CLAMP Binding Sites on the X-Chromosome to Promote Drosophila Dosage Compensation. PLoS Genetics, 2016, 12, e1006120.	3.5	48
15	Similar Levels of X-linked and Autosomal Nucleotide Variation in African and non-African populations of Drosophila melanogaster. BMC Evolutionary Biology, 2007, 7, 202.	3.2	46
16	Patterns of Mutation and Selection at Synonymous Sites in Drosophila. Molecular Biology and Evolution, 2007, 24, 2687-2697.	8.9	45
17	Population Genomic Analysis Reveals No Evidence for GC-Biased Gene Conversion in Drosophila melanogaster. Molecular Biology and Evolution, 2014, 31, 425-433.	8.9	41
18	Comparative Genomics on theDrosophilaPhylogenetic Tree. Annual Review of Ecology, Evolution, and Systematics, 2009, 40, 459-480.	8.3	37

#	Article	IF	Citations
19	Increased exposure to acute thermal stress is associated with a non-linear increase in recombination frequency and an independent linear decrease in fitness in Drosophila. BMC Evolutionary Biology, 2015, 15, 175.	3.2	36
20	Positive and Purifying Selection on the Drosophila Y Chromosome. Molecular Biology and Evolution, 2014, 31, 2612-2623.	8.9	34
21	On the scent of pleiotropy. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5-6.	7.1	33
22	Fine-Scale Heterogeneity in Crossover Rate in thegarnet-scallopedRegion of theDrosophila melanogasterX Chromosome. Genetics, 2013, 194, 375-387.	2.9	33
23	Wolbachia Infection Associated with Increased Recombination inDrosophila. G3: Genes, Genomes, Genetics, 2019, 9, 229-237.	1.8	30
24	Estimation of Fine-Scale Recombination Intensity Variation in the whiteâ€“echinus Interval of D. melanogaster. Journal of Molecular Evolution, 2009, 69, 42-53.	1.8	29
25	Inferences of Demography and Selection in an African Population of Drosophila melanogaster. Genetics, 2013, 193, 215-228.	2.9	21
26	Minor shift in background substitutional patterns in the Drosophila saltans and willistoni lineages is insufficient to explain GC content of coding sequences. BMC Biology, 2006, 4, 37.	3.8	17
27	Experimental evolution across different thermal regimes yields genetic divergence in recombination fraction but no divergence in temperature associated plastic recombination. Evolution; International Journal of Organic Evolution, 2018, 72, 989-999.	2.3	17
28	Genetic Background, Maternal Age, and Interaction Effects Mediate Rates of Crossing Over in Drosophila melanogaster Females. G3: Genes, Genomes, Genetics, 2016, 6, 1409-1416.	1.8	14
29	DO MALES MATTER? TESTING THE EFFECTS OF MALE GENETIC BACKGROUND ON FEMALE MEIOTIC CROSSOVER RATES INDROSOPHILA MELANOGASTER. Evolution; International Journal of Organic Evolution, 2014, 68, 2718-2726.	2.3	12
30	Bringing PLOS Genetics Editors to Preprint Servers. PLoS Genetics, 2016, 12, e1006448.	3.5	12
31	Locus-Specific Decoupling of Base Composition Evolution at Synonymous Sites and Introns along the Drosophila melanogaster and Drosophila sechellia Lineages. Genome Biology and Evolution, 2009, 1, 67-74.	2.5	11
32	No Evidence that Infection Alters Global Recombination Rate in House Mice. PLoS ONE, 2015, 10, e0142266.	2.5	11
33	Diet-induced changes in titer support a discrete response of Wolbachia-associated plastic recombination in Drosophila melanogaster. G3: Genes, Genomes, Genetics, 2022, 12, .	1.8	4
34	Diet effects on mouse meiotic recombination: a warning for recombination studies. Genetics, 2022, 220, .	2.9	4
35	Genomics of Recombination Rate Variation in Temperature-EvolvedDrosophila melanogasterPopulations. Genome Biology and Evolution, 2021, 13, .	2.5	3
36	Classical Genetics Meets Next-Generation Sequencing: Uncovering a Genome-Wide Recombination Map in Drosophila melanogaster. PLoS Genetics, 2012, 8, e1003024.	3.5	1