Nadia D Singh

List of Publications by Year
in descending order

36 papers	3,573 citations	279798 23 h-index	345221 36 g-index
42 all docs	42 docs citations	42 times ranked	4397 citing authors

#	Article	IF	Citations
1	Diet-induced changes in titer support a discrete response of <i>Wolbachia</i>-associated plastic recombination in <i>Drosophila melanogaster</i>. G3: Genes, Genomes, Genetics, 2022, 12, .	1.8	4
2	Diet effects on mouse meiotic recombination: a warning for recombination studies. Genetics, 2022, 220, .	2.9	4
3	Genomics of Recombination Rate Variation in Temperature-Evolved<i>Drosophila melanogaster</i>Populations. Genome Biology and Evolution, 2021, 13, .	2.5	3
4	Wolbachia Infection Associated with Increased Recombination in<i>Drosophila</i>. G3: Genes, Genomes, Genetics, 2019, 9, 229-237.	1.8	30
5	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
6	Variation in Recombination Rate: Adaptive or Not?. Trends in Genetics, 2017, 33, 364-374.	6.7	124
7	The Genetic Architecture of Natural Variation in Recombination Rate in Drosophila melanogaster. PLoS Genetics, 2016, 12, e1005951.	3.5	102
8	Bringing PLOS Genetics Editors to Preprint Servers. PLoS Genetics, 2016, 12, e1006448.	3.5	12
9	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
10	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
11	No Evidence that Infection Alters Global Recombination Rate in House Mice. PLoS ONE, 2015, 10, e0142266.	2.5	11
12	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
13	Fruit flies diversify their offspring in response to parasite infection. Science, 2015, 349, 747-750.	12.6	75
14	DO MALES MATTER? TESTING THE EFFECTS OF MALE GENETIC BACKGROUND ON FEMALE MEIOTIC CROSSOVER RATES IN<i>DROSOPHILA MELANOGASTER</i>. Evolution; International Journal of Organic Evolution, 2014, 68, 2718-2726.	2.3	12
15	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
16	Positive and Purifying Selection on the Drosophila Y Chromosome. Molecular Biology and Evolution, 2014, 31, 2612-2623.	8.9	34
17	Drosophila suzukii: The Genetic Footprint of a Recent, Worldwide Invasion. Molecular Biology and Evolution, 2014, 31, 3148-3163.	8.9	70
18	Fine-Scale Heterogeneity in Crossover Rate in the<i>garnet</i>-<i>scalloped</i>Region of the<i>Drosophila melanogaster</i>X Chromosome. Genetics, 2013, 194, 375-387.	2.9	33

#	ARTICLE	IF	CITATIONS
19	Inferences of Demography and Selection in an African Population of <i>Drosophila melanogaster</i>. Genetics, 2013, 193, 215-228.	2.9	21
20	Classical Genetics Meets Next-Generation Sequencing: Uncovering a Genome-Wide Recombination Map in Drosophila melanogaster. PLoS Genetics, 2012, 8, e1003024.	3.5	1
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	Drosophila melanogaster recombination rate calculator. Gene, 2010, 463, 18-20.	2.2	142
23	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
24	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
25	Estimation of Fine-Scale Recombination Intensity Variation in the whiteâ€œechinus Interval of D. melanogaster. Journal of Molecular Evolution, 2009, 69, 42-53.	1.8	29
26	Comparative Genomics on theDrosophilaPhylogenetic Tree. Annual Review of Ecology, Evolution, and Systematics, 2009, 40, 459-480.	8.3	37
27	Evolution of protein-coding genes in Drosophila. Trends in Genetics, 2008, 24, 114-123.	6.7	262
28	Contrasting the Efficacy of Selection on the X and Autosomes in Drosophila. Molecular Biology and Evolution, 2008, 25, 454-467.	8.9	67
29	Patterns of Mutation and Selection at Synonymous Sites in Drosophila. Molecular Biology and Evolution, 2007, 24, 2687-2697.	8.9	45
30	Evolution of genes and genomes on the Drosophila phylogeny. Nature, 2007, 450, 203-218.	27.8	1,886
31	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
32	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
33	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
34	X-Linked Genes Evolve Higher Codon Bias in Drosophila and Caenorhabditis. Genetics, 2005, 171, 145-155.	2.9	60
35	Genomic Heterogeneity of Background Substitutional Patterns in Drosophila melanogaster. Genetics, 2005, 169, 709-722.	2.9	90
36	Rapid Sequence Turnover at an Intergenic Locus in Drosophila. Molecular Biology and Evolution, 2004, 21, 670-680.	8.9	48