

Nandita R Garud

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9200530/publications.pdf>

Version: 2024-02-01

20
papers

2,068
citations

687220

13
h-index

794469

19
g-index

33
all docs

33
docs citations

33
times ranked

3163
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular evidence for a single evolutionary origin of domesticated rice. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8351-8356.	3.3	422
2	An integrated metagenomics pipeline for strain profiling reveals novel patterns of bacterial transmission and biogeography. Genome Research, 2016, 26, 1612-1625.	2.4	405
3	Recent Selective Sweeps in North American <i>Drosophila melanogaster</i> Show Signatures of Soft Sweeps. PLoS Genetics, 2015, 11, e1005004.	1.5	392
4	Evolutionary dynamics of bacteria in the gut microbiome within and across hosts. PLoS Biology, 2019, 17, e3000102.	2.6	257
5	Population Genetics in the Human Microbiome. Trends in Genetics, 2020, 36, 53-67.	2.9	97
6	Detection and Classification of Hard and Soft Sweeps from Unphased Genotypes by Multilocus Genotype Identity. Genetics, 2018, 210, 1429-1452.	1.2	69
7	Longitudinal linked-read sequencing reveals ecological and evolutionary responses of a human gut microbiome during antibiotic treatment. Genome Research, 2021, 31, 1433-1446.	2.4	55
8	Elevated Linkage Disequilibrium and Signatures of Soft Sweeps Are Common in <i>Drosophila melanogaster</i> . Genetics, 2016, 203, 863-880.	1.2	44
9	The population genetics of drug resistance evolution in natural populations of viral, bacterial and eukaryotic pathogens. Molecular Ecology, 2016, 25, 42-66.	2.0	41
10	Genomic inference accurately predicts the timing and severity of a recent bottleneck in a nonmodel insect population. Molecular Ecology, 2014, 23, 136-150.	2.0	40
11	Enhancing the mathematical properties of new haplotype homozygosity statistics for the detection of selective sweeps. Theoretical Population Biology, 2015, 102, 94-101.	0.5	35
12	Detection of hard and soft selective sweeps from <i>Drosophila melanogaster</i> population genomic data. PLoS Genetics, 2021, 17, e1009373.	1.5	35
13	Structural Variants and Selective Sweep Foci Contribute to Insecticide Resistance in the <i>Drosophila</i> Genetic Reference Panel. G3: Genes, Genomes, Genetics, 2018, 8, 3489-3497.	0.8	33
14	Rapid evolution and strain turnover in the infant gut microbiome. Genome Research, 2022, 32, 1124-1136.	2.4	22
15	Comparative Population Genetics in the Human Gut Microbiome. Genome Biology and Evolution, 2022, 14, .	1.1	15
16	Genetic Adaptation in New York City Rats. Genome Biology and Evolution, 2021, 13, .	1.1	13
17	The effect of gastric acid suppression on probiotic colonization in a double blinded randomized clinical trial. Clinical Nutrition ESPEN, 2022, 47, 70-77.	0.5	13
18	Evaluating supervised and unsupervised background noise correction in human gut microbiome data. PLoS Computational Biology, 2022, 18, e1009838.	1.5	6

#	ARTICLE	IF	CITATIONS
19	Microbial Evolution: An overlooked biomarker of host diet. <i>Cell Host and Microbe</i> , 2022, 30, 146-147.	5.1	3
20	The Tempo and Mode of Adaptation in a Complex Natural Population: the Microbiome. <i>MSystems</i> , 2021, 6, e0077921.	1.7	0