

Nandita R Garud

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,068
citations

686830

13
h-index

794141

19
g-index

33
all docs

33
docs citations

33
times ranked

3163
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative Population Genetics in the Human Gut Microbiome. <i>Genome Biology and Evolution</i> , 2022, 14, .	1.1	15
2	The effect of gastric acid suppression on probiotic colonization in a double blinded randomized clinical trial. <i>Clinical Nutrition ESPEN</i> , 2022, 47, 70-77.	0.5	13
3	Evaluating supervised and unsupervised background noise correction in human gut microbiome data. <i>PLoS Computational Biology</i> , 2022, 18, e1009838.	1.5	6
4	Microbial Evolution: An overlooked biomarker of host diet. <i>Cell Host and Microbe</i> , 2022, 30, 146-147.	5.1	3
5	Rapid evolution and strain turnover in the infant gut microbiome. <i>Genome Research</i> , 2022, 32, 1124-1136.	2.4	22
6	Genetic Adaptation in New York City Rats. <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	13
7	Detection of hard and soft selective sweeps from <i>Drosophila melanogaster</i> population genomic data. <i>PLoS Genetics</i> , 2021, 17, e1009373.	1.5	35
8	Longitudinal linked-read sequencing reveals ecological and evolutionary responses of a human gut microbiome during antibiotic treatment. <i>Genome Research</i> , 2021, 31, 1433-1446.	2.4	55
9	The Tempo and Mode of Adaptation in a Complex Natural Population: the Microbiome. <i>MSystems</i> , 2021, 6, e0077921.	1.7	0
10	Population Genetics in the Human Microbiome. <i>Trends in Genetics</i> , 2020, 36, 53-67.	2.9	97
11	Evolutionary dynamics of bacteria in the gut microbiome within and across hosts. <i>PLoS Biology</i> , 2019, 17, e3000102.	2.6	257
12	Detection and Classification of Hard and Soft Sweeps from Unphased Genotypes by Multilocus Genotype Identity. <i>Genetics</i> , 2018, 210, 1429-1452.	1.2	69
13	Structural Variants and Selective Sweep Foci Contribute to Insecticide Resistance in the <i>Drosophila</i> Genetic Reference Panel. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 3489-3497.	0.8	33
14	Elevated Linkage Disequilibrium and Signatures of Soft Sweeps Are Common in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2016, 203, 863-880.	1.2	44
15	The population genetics of drug resistance evolution in natural populations of viral, bacterial and eukaryotic pathogens. <i>Molecular Ecology</i> , 2016, 25, 42-66.	2.0	41
16	An integrated metagenomics pipeline for strain profiling reveals novel patterns of bacterial transmission and biogeography. <i>Genome Research</i> , 2016, 26, 1612-1625.	2.4	405
17	Enhancing the mathematical properties of new haplotype homozygosity statistics for the detection of selective sweeps. <i>Theoretical Population Biology</i> , 2015, 102, 94-101.	0.5	35
18	Recent Selective Sweeps in North American <i>Drosophila melanogaster</i> Show Signatures of Soft Sweeps. <i>PLoS Genetics</i> , 2015, 11, e1005004.	1.5	392

#	ARTICLE	IF	CITATIONS
19	Genomic inference accurately predicts the timing and severity of a recent bottleneck in a nonmodel insect population. <i>Molecular Ecology</i> , 2014, 23, 136-150.	2.0	40
20	Molecular evidence for a single evolutionary origin of domesticated rice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8351-8356.	3.3	422