Jay Ghurye

List of Publications by Year
in descending order

15 papers	2,921 citations	759190 12 h-index	996954 15 g-index
21 all docs	21 docs citations	21 times ranked	3386 citing authors

#	Article	IF	Citations
1	Towards complete and error-free genome assemblies of all vertebrate species. Nature, 2021, 592, 737-746.	27.8	1,139
2	Integrating Hi-C links with assembly graphs for chromosome-scale assembly. PLoS Computational Biology, 2019, 15, e1007273.	3.2	509
3	De novo assembly of the cattle reference genome with single-molecule sequencing. GigaScience, 2020, 9, .	6.4	380
4	Scaffolding of long read assemblies using long range contact information. BMC Genomics, 2017, 18, 527.	2.8	194
5	Metagenomic assembly through the lens of validation: recent advances in assessing and improving the quality of genomes assembled from metagenomes. Briefings in Bioinformatics, 2019, 20, 1140-1150.	6.5	113
6	Chromosome-scale, haplotype-resolved assembly of human genomes. Nature Biotechnology, 2021, 39, 309-312.	17.5	109
7	Haplotype-resolved genomes provide insights into structural variation and gene content in Angus and Brahman cattle. Nature Communications, 2020, 11, 2071.	12.8	84
8	Assignment of virus and antimicrobial resistance genes to microbial hosts in a complex microbial community by combined long-read assembly and proximity ligation. Genome Biology, 2019, 20, 153.	8.8	66
9	Improved reference genome of the arboviral vector Aedes albopictus. Genome Biology, 2020, 21, 215.	8.8	65
10	Modern technologies and algorithms for scaffolding assembled genomes. PLoS Computational Biology, 2019, 15, e1006994.	3.2	56
11	A chromosome-scale assembly of the major African malaria vector Anopheles funestus. GigaScience, 2019, 8, .	6.4	56
12	New insights into mammalian sex chromosome structure and evolution using high-quality sequences from bovine X and Y chromosomes. BMC Genomics, 2019, 20, 1000.	2.8	21
13	A critical assessment of gene catalogs for metagenomic analysis. Bioinformatics, 2021, 37, 2848-2857.	4.1	15
14	A Framework to Model Human Behavior at Large Scale during Natural Disasters. , 2016, , .		14
15	MetaCarvel: linking assembly graph motifs to biological variants. Genome Biology, 2019, 20, 174.	8.8	14