Jay Ghurye

List of Publications by Year
in descending order

15 papers	2,921 citations	858243 12 h-index	1113639 15 g-index
21 all docs	21 docs citations	21 times ranked	3720 citing authors

#	Article	IF	Citations
1	Chromosome-scale, haplotype-resolved assembly of human genomes. Nature Biotechnology, 2021, 39, 309-312.	9.4	109
2	A critical assessment of gene catalogs for metagenomic analysis. Bioinformatics, 2021, 37, 2848-2857.	1.8	15
3	Towards complete and error-free genome assemblies of all vertebrate species. Nature, 2021, 592, 737-746.	13.7	1,139
4	Improved reference genome of the arboviral vector Aedes albopictus. Genome Biology, 2020, 21, 215.	3.8	65
5	Haplotype-resolved genomes provide insights into structural variation and gene content in Angus and Brahman cattle. Nature Communications, 2020, 11, 2071.	5.8	84
6	De novo assembly of the cattle reference genome with single-molecule sequencing. GigaScience, 2020, 9, .	3.3	380
7	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.	3.8	66
8	Modern technologies and algorithms for scaffolding assembled genomes. PLoS Computational Biology, 2019, 15, e1006994.	1.5	56
9	MetaCarvel: linking assembly graph motifs to biological variants. Genome Biology, 2019, 20, 174.	3.8	14
10	Integrating Hi-C links with assembly graphs for chromosome-scale assembly. PLoS Computational Biology, 2019, 15, e1007273.	1.5	509
11	A chromosome-scale assembly of the major African malaria vector Anopheles funestus. GigaScience, 2019, 8, .	3.3	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.	1.2	21
13	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.	3.2	113
14	Scaffolding of long read assemblies using long range contact information. BMC Genomics, 2017, 18, 527.	1.2	194
15	A Framework to Model Human Behavior at Large Scale during Natural Disasters. , 2016, , .		14