Nicolas Altemose

List of Publications by Year
in descending order

18 papers	2,902 citations	516710 16 h-index	839539 18 g-index
37 all docs	37 docs citations	37 times ranked	2527 citing authors

#	Article	IF	Citations
1	The complete sequence of a human genome. Science, 2022, 376, 44-53.	12.6	1,222
2	Centromere reference models for human chromosomes X and Y satellite arrays. Genome Research, 2014, 24, 697-707.	5.5	210
3	Complete genomic and epigenetic maps of human centromeres. Science, 2022, 376, eabl4178.	12.6	204
4	Re-engineering the zinc fingers of PRDM9 reverses hybrid sterility in mice. Nature, 2016, 530, 171-176.	27.8	194
5	From telomere to telomere: The transcriptional and epigenetic state of human repeat elements. Science, 2022, 376, eabk3112.	12.6	146
6	Epigenetic patterns in a complete human genome. Science, 2022, 376, eabj5089.	12.6	118
7	Genomic Characterization of Large Heterochromatic Gaps in the Human Genome Assembly. PLoS Computational Biology, 2014, 10, e1003628.	3.2	99
8	Non-crossover gene conversions show strong GC bias and unexpected clustering in humans. ELife, 2015, 4, .	6.0	95
9	A map of human PRDM9 binding provides evidence for novel behaviors of PRDM9 and other zinc-finger proteins in meiosis. ELife, 2017, 6, .	6.0	80
10	Recombination in the Human Pseudoautosomal Region PAR1. PLoS Genetics, 2014, 10, e1004503.	3.5	66
11	A high-resolution map of non-crossover events reveals impacts of genetic diversity on mammalian meiotic recombination. Nature Communications, 2019, 10, 3900.	12.8	66
12	Using population admixture to help complete maps of the human genome. Nature Genetics, 2013, 45, 406-414.	21.4	61
13	DiMeLo-seq: a long-read, single-molecule method for mapping protein–DNA interactions genome wide. Nature Methods, 2022, 19, 711-723.	19.0	45
14	Characterization of transcript enrichment and detection bias in single-nucleus RNA-seq for mapping of distinct human adipocyte lineages. Genome Research, 2022, 32, 242-257.	5.5	39
15	A classical revival: Human satellite DNAs enter the genomics era. Seminars in Cell and Developmental Biology, 2022, 128, 2-14.	5.0	23
16	On-ratio PDMS bonding for multilayer microfluidic device fabrication. Journal of Micromechanics and Microengineering, 2019, 29, 107001.	2.6	21
17	μDamID: A Microfluidic Approach for Joint Imaging and Sequencing of Protein-DNA Interactions in Single Cells. Cell Systems, 2020, 11, 354-366.e9.	6.2	15
18	Two genetic variants explain the association of European ancestry with multiple sclerosis risk in African-Americans. Scientific Reports, 2020, 10, 16902.	3.3	10