Claude Thermes

List of Publications by Year
in descending order

25 papers	2,478 citations	471509 17 h-index	610901 24 g-index
28 all docs	28 docs citations	28 times ranked	3734 citing authors

#	Article	IF	Citations
1	The Third Revolution in Sequencing Technology. Trends in Genetics, 2018, 34, 666-681.	6.7	759
2	Replication landscape of the human genome. Nature Communications, 2016, 7, 10208.	12.8	259
3	Impact of replication timing on non-CpG and CpG substitution rates in mammalian genomes. Genome Research, 2010, 20, 447-457.	5.5	187
4	Human gene organization driven by the coordination of replication and transcription. Genome Research, 2007, 17, 1278-1285.	5.5	147
5	Replication-associated strand asymmetries in mammalian genomes: Toward detection of replication origins. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 9836-9841.	7.1	133
6	DNA physical properties determine nucleosome occupancy from yeast to fly. Nucleic Acids Research, 2008, 36, 3746-3756.	14.5	125
7	Evidence for late Pleistocene origin of Astyanax mexicanus cavefish. BMC Evolutionary Biology, 2018, 18, 43.	3.2	117
8	Multi-scale coding of genomic information: From DNA sequence to genome structure and function. Physics Reports, 2011, 498, 45-188.	25.6	108
9	Systematic comparison of small RNA library preparation protocols for next-generation sequencing. BMC Genomics, 2018, 19, 118.	2.8	93
10	Transcription-coupled and splicing-coupled strand asymmetries in eukaryotic genomes. Nucleic Acids Research, 2004, 32, 4969-4978.	14.5	73
11	Transcription-mediated organization of the replication initiation program across large genes sets common fragile sites genome-wide. Nature Communications, 2019, 10, 5693.	12.8	73
12	Replication Fork Polarity Gradients Revealed by Megabase-Sized U-Shaped Replication Timing Domains in Human Cell Lines. PLoS Computational Biology, 2012, 8, e1002443.	3.2	70
13	Replication-Associated Mutational Asymmetry in the Human Genome. Molecular Biology and Evolution, 2011, 28, 2327-2337.	8.9	66
14	A novel strategy of transcription regulation by intragenic nucleosome ordering. Genome Research, 2010, 20, 59-67.	5.5	64
15	The Dogfish Scyliorhinus canicula: A Reference in Jawed Vertebrates. Cold Spring Harbor Protocols, 2008, 2008, pdb.emo111.	0.3	60
16	Open chromatin encoded in DNA sequence is the signature of â€˜masterâ€™ replication origins in human cells. Nucleic Acids Research, 2009, 37, 6064-6075.	14.5	52
17	Wavelet-based method to disentangle transcription- and replication-associated strand asymmetries in mammalian genomes. Applied and Computational Harmonic Analysis, 2010, 28, 150-170.	2.2	22
18	The evolution of the temporal program of genome replication. Nature Communications, 2018, 9, 2199.	12.8	19

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19	Megabase Replication Domains Along the Human Genome: Relation to Chromatin Structure and Genome Organisation. Sub-Cellular Biochemistry, 2013, 61, 57-80.	2.4	15
20	From the chromatin interaction network to the organization of the human genome into replication N/U-domains. New Journal of Physics, 2014, 16, 115014.	2.9	12
21	Transcriptome architecture and regulation at environmental transitions in flavobacteria: the case of an important fish pathogen. ISME Communications, 2021, 1, .	4.2	7
22	GC content, but not nucleosome positioning, directly contributes to intron splicing efficiency in Paramecium. Genome Research, 2022, 32, 699-709.	5.5	6
23	Large replication skew domains delimit GC-poor gene deserts in human. Computational Biology and Chemistry, 2014, 53, 153-165.	2.3	5
24	Improving Small RNA-seq: Less Bias and Better Detection of 2'-O-Methyl RNAs. Journal of Visualized Experiments, 2019, , .	0.3	3
25	A Small RNA-Seq Protocol with Less Bias and Improved Capture of 2â€²-O-Methyl RNAs. Methods in Molecular Biology, 2021, 2298, 153-167.	0.9	1