

Claude Thermes

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2405732/publications.pdf>

Version: 2024-02-01

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 | GC content, but not nucleosome positioning, directly contributes to intron splicing efficiency in <i>Paramecium</i> . <i>Genome Research</i> , 2022, 32, 699-709. | 5.5 | 6 |
| 2 | Transcriptome architecture and regulation at environmental transitions in flavobacteria: the case of an important fish pathogen. <i>ISME Communications</i> , 2021, 1, . | 4.2 | 7 |
| 3 | A Small RNA-Seq Protocol with Less Bias and Improved Capture of 2'-O-Methyl RNAs. <i>Methods in Molecular Biology</i> , 2021, 2298, 153-167. | 0.9 | 1 |
| 4 | Improving Small RNA-seq: Less Bias and Better Detection of 2'-O-Methyl RNAs. <i>Journal of Visualized Experiments</i> , 2019, , . | 0.3 | 3 |
| 5 | Transcription-mediated organization of the replication initiation program across large genes sets common fragile sites genome-wide. <i>Nature Communications</i> , 2019, 10, 5693. | 12.8 | 73 |
| 6 | Evidence for late Pleistocene origin of <i>Astyanax mexicanus</i> cavefish. <i>BMC Evolutionary Biology</i> , 2018, 18, 43. | 3.2 | 117 |
| 7 | The evolution of the temporal program of genome replication. <i>Nature Communications</i> , 2018, 9, 2199. | 12.8 | 19 |
| 8 | The Third Revolution in Sequencing Technology. <i>Trends in Genetics</i> , 2018, 34, 666-681. | 6.7 | 759 |
| 9 | Systematic comparison of small RNA library preparation protocols for next-generation sequencing. <i>BMC Genomics</i> , 2018, 19, 118. | 2.8 | 93 |
| 10 | Replication landscape of the human genome. <i>Nature Communications</i> , 2016, 7, 10208. | 12.8 | 259 |
| 11 | From the chromatin interaction network to the organization of the human genome into replication N/U-domains. <i>New Journal of Physics</i> , 2014, 16, 115014. | 2.9 | 12 |
| 12 | Large replication skew domains delimit GC-poor gene deserts in human. <i>Computational Biology and Chemistry</i> , 2014, 53, 153-165. | 2.3 | 5 |
| 13 | Megabase Replication Domains Along the Human Genome: Relation to Chromatin Structure and Genome Organisation. <i>Sub-Cellular Biochemistry</i> , 2013, 61, 57-80. | 2.4 | 15 |
| 14 | Replication Fork Polarity Gradients Revealed by Megabase-Sized U-Shaped Replication Timing Domains in Human Cell Lines. <i>PLoS Computational Biology</i> , 2012, 8, e1002443. | 3.2 | 70 |
| 15 | Multi-scale coding of genomic information: From DNA sequence to genome structure and function. <i>Physics Reports</i> , 2011, 498, 45-188. | 25.6 | 108 |
| 16 | Replication-Associated Mutational Asymmetry in the Human Genome. <i>Molecular Biology and Evolution</i> , 2011, 28, 2327-2337. | 8.9 | 66 |
| 17 | Wavelet-based method to disentangle transcription- and replication-associated strand asymmetries in mammalian genomes. <i>Applied and Computational Harmonic Analysis</i> , 2010, 28, 150-170. | 2.2 | 22 |
| 18 | A novel strategy of transcription regulation by intragenic nucleosome ordering. <i>Genome Research</i> , 2010, 20, 59-67. | 5.5 | 64 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Impact of replication timing on non-CpG and CpG substitution rates in mammalian genomes. <i>Genome Research</i> , 2010, 20, 447-457. | 5.5 | 187 |
| 20 | Open chromatin encoded in DNA sequence is the signature of "master" replication origins in human cells. <i>Nucleic Acids Research</i> , 2009, 37, 6064-6075. | 14.5 | 52 |
| 21 | DNA physical properties determine nucleosome occupancy from yeast to fly. <i>Nucleic Acids Research</i> , 2008, 36, 3746-3756. | 14.5 | 125 |
| 22 | The Dogfish <i>Scyliorhinus canicula</i> : A Reference in Jawed Vertebrates. <i>Cold Spring Harbor Protocols</i> , 2008, 2008, pdb.emo111. | 0.3 | 60 |
| 23 | Human gene organization driven by the coordination of replication and transcription. <i>Genome Research</i> , 2007, 17, 1278-1285. | 5.5 | 147 |
| 24 | Replication-associated strand asymmetries in mammalian genomes: Toward detection of replication origins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9836-9841. | 7.1 | 133 |
| 25 | Transcription-coupled and splicing-coupled strand asymmetries in eukaryotic genomes. <i>Nucleic Acids Research</i> , 2004, 32, 4969-4978. | 14.5 | 73 |