

Gordon G Simpson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/834808/publications.pdf>

Version: 2024-02-01

28
papers

3,788
citations

394421

19
h-index

526287

27
g-index

38
all docs

38
docs citations

38
times ranked

4904
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Two zinc finger proteins with functions in m6A writing interact with HAKAI. Nature Communications, 2022, 13, 1127. | 12.8 | 32 |
| 2 | Chromosome evolution and the genetic basis of agronomically important traits in greater yam. Nature Communications, 2022, 13, 2001. | 12.8 | 35 |
| 3 | 2passtools: two-pass alignment using machine-learning-filtered splice junctions increases the accuracy of intron detection in long-read RNA sequencing. Genome Biology, 2021, 22, 72. | 8.8 | 16 |
| 4 | Widespread premature transcription termination of Arabidopsis thaliana NLR genes by the spen protein FPA. ELife, 2021, 10, . | 6.0 | 36 |
| 5 | Nanopore direct RNA sequencing maps the complexity of Arabidopsis mRNA processing and m6A modification. ELife, 2020, 9, . | 6.0 | 312 |
| 6 | Relative Abundance of Transcripts (RATs): Identifying differential isoform abundance from RNA-seq. F1000Research, 2019, 8, 213. | 1.6 | 20 |
| 7 | How well do RNA-Seq differential gene expression tools perform in a complex eukaryote? A case study in <i>Arabidopsis thaliana</i> . Bioinformatics, 2019, 35, 3372-3377. | 4.1 | 9 |
| 8 | How many biological replicates are needed in an RNA-seq experiment and which differential expression tool should you use?. Rna, 2016, 22, 839-851. | 3.5 | 622 |
| 9 | Crystal Structure of the SPOC Domain of the Arabidopsis Flowering Regulator FPA. PLoS ONE, 2016, 11, e0160694. | 2.5 | 18 |
| 10 | Enter exitrans. Genome Biology, 2015, 16, 136. | 8.8 | 15 |
| 11 | The Arabidopsis epitranscriptome. Current Opinion in Plant Biology, 2015, 27, 17-21. | 7.1 | 39 |
| 12 | Improved Annotation of 3' Untranslated Regions and Complex Loci by Combination of Strand-Specific Direct RNA Sequencing, RNA-Seq and ESTs. PLoS ONE, 2014, 9, e94270. | 2.5 | 27 |
| 13 | Transcription Termination and Chimeric RNA Formation Controlled by Arabidopsis thaliana FPA. PLoS Genetics, 2013, 9, e1003867. | 3.5 | 67 |
| 14 | The RNA-binding protein FPA regulates flg22-triggered defense responses and transcription factor activity by alternative polyadenylation. Scientific Reports, 2013, 3, 2866. | 3.3 | 58 |
| 15 | Direct sequencing of Arabidopsis thaliana RNA reveals patterns of cleavage and polyadenylation. Nature Structural and Molecular Biology, 2012, 19, 845-852. | 8.2 | 142 |
| 16 | The Spen Family Protein FPA Controls Alternative Cleavage and Polyadenylation of RNA. Developmental Cell, 2010, 18, 203-213. | 7.0 | 207 |
| 17 | Arabidopsis RNA immunoprecipitation. Plant Journal, 2009, 59, 163-168. | 5.7 | 75 |
| 18 | NO flowering. BioEssays, 2005, 27, 239-241. | 2.5 | 36 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | The autonomous pathway: epigenetic and post-transcriptional gene regulation in the control of Arabidopsis flowering time. <i>Current Opinion in Plant Biology</i> , 2004, 7, 570-574. | 7.1 | 250 |
| 20 | Autoregulation of FCA pre-mRNA processing controls Arabidopsis flowering time. <i>EMBO Journal</i> , 2003, 22, 3142-3152. | 7.8 | 252 |
| 21 | Evolution of flowering in response to day length: Flipping theCONSTANS switch. <i>BioEssays</i> , 2003, 25, 829-832. | 2.5 | 61 |
| 22 | FY Is an RNA 3' End-Processing Factor that Interacts with FCA to Control the Arabidopsis Floral Transition. <i>Cell</i> , 2003, 113, 777-787. | 28.9 | 399 |
| 23 | Arabidopsis, the Rosetta Stone of Flowering Time?. <i>Science</i> , 2002, 296, 285-289. | 12.6 | 954 |
| 24 | Detection of antisense transcripts in transgenic plants by RT-PCR. <i>Plant Journal</i> , 1993, 4, 883-885. | 5.7 | 3 |
| 25 | Detection of a plant protein analogous to the yeast spliceosomal protein, PRP8. <i>FEBS Letters</i> , 1993, 318, 4-6. | 2.8 | 13 |
| 26 | Splicing of plant pre-mRNAs. <i>Proceedings of the Royal Society of Edinburgh Section B Biological Sciences</i> , 1992, 99, 31-50. | 0.2 | 2 |
| 27 | Evolutionary conservation of the spliceosomal protein, U2. <i>Nucleic Acids Research</i> , 1991, 19, 5213-5217. | 14.5 | 34 |
| 28 | Detection and mitigation of spurious antisense expression with RoSA. <i>F1000Research</i> , 0, 8, 819. | 1.6 | 13 |