

Stephen M Mount

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

20,968
citations

186265
28
h-index

254184
43
g-index

49
all docs

49
docs citations

49
times ranked

20123
citing authors

#	ARTICLE	IF	CITATIONS
1	The Genome Sequence of <i>Drosophila melanogaster</i> . Science, 2000, 287, 2185-2195.	12.6	5,566
2	A catalogue of splice junction sequences. Nucleic Acids Research, 1982, 10, 459-472.	14.5	4,153
3	Evolution of genes and genomes on the <i>Drosophila</i> phylogeny. Nature, 2007, 450, 203-218.	27.8	1,886
4	Improving the Arabidopsis genome annotation using maximal transcript alignment assemblies. Nucleic Acids Research, 2003, 31, 5654-5666.	14.5	1,597
5	The Draft Genome of <i>Ciona intestinalis</i> : Insights into Chordate and Vertebrate Origins. Science, 2002, 298, 2157-2167.	12.6	1,539
6	Are snRNPs involved in splicing?. Nature, 1980, 283, 220-224.	27.8	1,264
7	The draft genome of the transgenic tropical fruit tree papaya (<i>Carica papaya</i> Linnaeus). Nature, 2008, 452, 991-996.	27.8	964
8	The U1 small nuclear RNA-protein complex selectively binds a 5' splice site in vitro. Cell, 1983, 33, 509-518.	28.9	609
9	Sailfish enables alignment-free isoform quantification from RNA-seq reads using lightweight algorithms. Nature Biotechnology, 2014, 32, 462-464.	17.5	594
10	Splicing signals in <i>Drosophila</i> : intron size, information content, and consensus sequences. Nucleic Acids Research, 1992, 20, 4255-4262.	14.5	419
11	Comprehensive analysis of alternative splicing in rice and comparative analyses with Arabidopsis. BMC Genomics, 2006, 7, 327.	2.8	375
12	Splicing of messenger RNA precursors is inhibited by antisera to small nuclear ribonucleoprotein. Cell, 1983, 35, 101-107.	28.9	359
13	Sequence of U1 RNA from <i>Drosophila melanogaster</i> : implications for U1 secondary structure and possible involvement in splicing. Nucleic Acids Research, 1981, 9, 6351-6368.	14.5	203
14	Pseudogenes for human small nuclear RNA U3 appear to arise by integration of self-primed reverse transcripts of the RNA into new chromosomal sites. Cell, 1983, 32, 461-472.	28.9	192
15	SplicePort—An interactive splice-site analysis tool. Nucleic Acids Research, 2007, 35, W285-W291.	14.5	190
16	Two Alternatively Spliced Isoforms of the Arabidopsis SR45 Protein Have Distinct Roles during Normal Plant Development. Plant Physiology, 2009, 150, 1450-1458.	4.8	135
17	Genomic Sequence, Splicing, and Gene Annotation. American Journal of Human Genetics, 2000, 67, 788-792.	6.2	88
18	Pre-Messenger RNA Processing Factors in the <i>Drosophila</i> Genome. Journal of Cell Biology, 2000, 150, F37-F44.	5.2	83

#	ARTICLE	IF	CITATIONS
19	Expanding the scope of plant genome engineering with Cas12a orthologs and highly multiplexable editing systems. <i>Nature Communications</i> , 2021, 12, 1944.	12.8	79
20	Sequence of a cDNA from the <i>Drosophila melanogaster</i> white gene. <i>Nucleic Acids Research</i> , 1990, 18, 1633-1633.	14.5	70
21	Transcriptome analyses reveal SR45 to be a neutral splicing regulator and a suppressor of innate immunity in <i>Arabidopsis thaliana</i> . <i>BMC Genomics</i> , 2017, 18, 772.	2.8	64
22	<i>Drosophila melanogaster</i> genes for U1 snRNA variants and their expression during development. <i>Nucleic Acids Research</i> , 1990, 18, 6971-6979.	14.5	63
23	Evidence for a Plastid Origin of Plant Ethylene Receptor Genes. <i>Plant Physiology</i> , 2002, 130, 10-14.	4.8	60
24	Consensus Coexpression Network Analysis Identifies Key Regulators of Flower and Fruit Development in Wild Strawberry. <i>Plant Physiology</i> , 2018, 178, 202-216.	4.8	57
25	Sequence similarity. <i>Nature</i> , 1987, 325, 487-487.	27.8	50
26	Sex-lethal splicing autoregulation in vivo: interactions between SEX-LETHAL, the U1 snRNP and U2AF underlie male exon skipping. <i>Development (Cambridge)</i> , 2003, 130, 463-471.	2.5	44
27	Spliceosomal small nuclear RNA genes in 11 insect genomes. <i>Rna</i> , 2006, 13, 5-14.	3.5	33
28	Expanding plant genome-editing scope by an engineered iSpyMacCas9 system that targets A-rich PAM sequences. <i>Plant Communications</i> , 2021, 2, 100101.	7.7	31
29	The <i>Drosophila</i> U1-70K Protein Is Required for Viability, but Its Arginine-Rich Domain Is Dispensable. <i>Genetics</i> , 2004, 168, 2059-2065.	2.9	25
30	Localization of Sequences Required for Size-specific Splicing of a Small <i>Drosophila</i> Intron in Vitro. <i>Journal of Molecular Biology</i> , 1995, 253, 426-437.	4.2	20
31	Ribosomal RNA: Small nucleolar RNAs make their mark. <i>Current Biology</i> , 1996, 6, 1413-1415.	3.9	20
32	Evaluation of BLAST-based edge-weighting metrics used for homology inference with the Markov Clustering algorithm. <i>BMC Bioinformatics</i> , 2015, 16, 218.	2.6	18
33	Assessing predictions of the impact of variants on splicing in CAG15. <i>Human Mutation</i> , 2019, 40, 1215-1224.	2.5	18
34	Insights from GWAS: emerging landscape of mechanisms underlying complex trait disease. <i>BMC Genomics</i> , 2015, 16, S4.	2.8	16
35	Nested genes take flight. <i>Current Biology</i> , 1993, 3, 372-374.	3.9	11
36	The Splicing Factor <i>RNA</i> -Binding Fox Protein 1 Mediates the Cellular Immune Response in <i>Drosophila melanogaster</i> . <i>Journal of Immunology</i> , 2018, 201, 1154-1164.	0.8	11

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37	Genetic depletion reveals an essential role for an SR protein splicing factor in vertebrate cells. BioEssays, 1997, 19, 189-192.	2.5	10
38	A Genealogical Look at Shared Ancestry on the X Chromosome. Genetics, 2016, 204, 57-75.	2.9	10
39	Expanding the definition of informational suppression. Trends in Genetics, 2000, 16, 157.	6.7	7
40	An Atlas of Genomic Resources for Studying Rosaceae Fruits and Ornamentals. Frontiers in Plant Science, 2021, 12, 644881.	3.6	5
41	Comparative transcriptomic analysis of apple and peach fruits: insights into fruit type specification. Plant Journal, 2022, 109, 1614-1629.	5.7	4
42	Yanagi: Fast and interpretable segment-based alternative splicing and gene expression analysis. BMC Bioinformatics, 2019, 20, 421.	2.6	3
43	The RNA World, second edition, edited by Raymond F. Gesteland, Thomas R. Cech, and John F. Atkins. 1999. Cold Spring Harbor, New York: Cold Spring Harbor Laboratory Press. Hardcover, 709 pp. \$129.. Rna, 1999, 5, 1133-1134.	3.5	1
44	Recognizing the 35th anniversary of the proposal that snRNPs are involved in splicing. Molecular Biology of the Cell, 2015, 26, 3557-3560.	2.1	0