RESEARCH & PUBLICATIONS

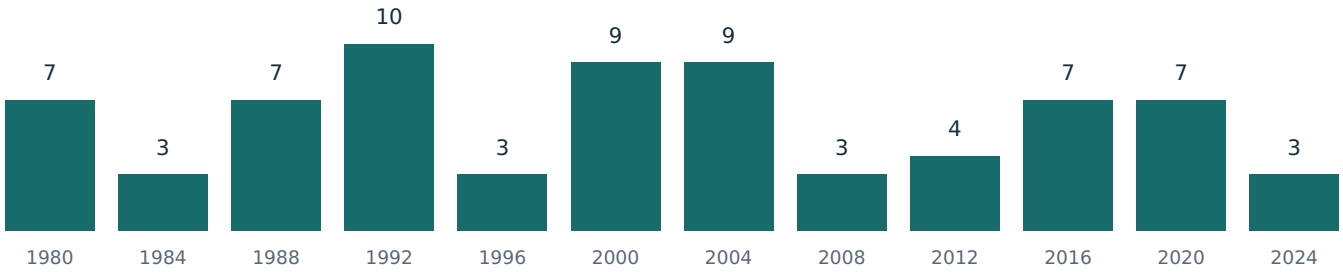
Stephen M. Mount

A publication record at a glance

73	22,698	39
ARTICLES	CITATIONS	h-INDEX

PUBLICATION ACTIVITY

Articles grouped into 4-year periods



1 articles have no publication year in the database.

MOST CITED IN THIS LIST

The Genome Sequence of Drosophila Melanogaster — 5,706
2000 Science

A Catalogue of Splice Junction Sequences. — 4,008
1982 Nucleic Acids Research

Improving the Arabidopsis Genome Annotation Using Maximal Transcript Alignment Assemblies. — 1,810
2003 Nucleic Acids Research

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Ordered by publication year, newest first

2025

01 Fair Molecular Feature Selection Unveils Universally Tumor Lineage-Informative Methylation Sites in Colorectal Cancer

1 citations

Bioinformatics · 41, i150-i159

https://exaly.com/article/202968764

2024

02 Latent Dirichlet Allocation Mixture Models for Nucleotide Sequence Analysis

1 citations

NAR Genomics and Bioinformatics · 6, lqae099

https://exaly.com/article/188088171

03 Progerin mRNA Expression in Non-HGPS Patients Is Correlated With Widespread Shifts in Transcript Isoforms

2 citations

NAR Genomics and Bioinformatics · 6, lqae115

https://exaly.com/article/188755310

2023

04 Comparison of Red Raspberry and Wild Strawberry Fruits Reveals Mechanisms of Fruit Type Specification.

21 citations

Plant Physiology · 193, 1016-1035

https://exaly.com/article/165176238

05 Rosaceae Fruit Transcriptome Database (ROFT)—A Useful Genomic Resource for Comparing Fruits of Apple, Peach, Strawberry, and Raspberry

7 citations

Horticulture Research · 10, uhad240

https://exaly.com/article/171828943

2022

06 Comparative Transcriptomic Analysis of Apple and Peach Fruits: Insights Into Fruit Type Specification

15 citations

Plant Journal · 109, 1614-1629

https://exaly.com/article/135474212

07 Sex Biases in Cancer and Autoimmune Disease Incidence Are Strongly Positively Correlated With Mitochondrial Gene Expression Across Human Tissues

2 citations

Cancers · 14, 5885

https://exaly.com/article/157681802

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2021

08 **Expanding Plant Genome-Editing Scope by an Engineered iSpyMacCas9 System That Targets A-Rich PAM Sequences**
47 citations
Plant Communications · 2, 100101
https://exaly.com/article/77784250

09 **Expanding the Scope of Plant Genome Engineering With Cas12a Orthologs and Highly Multiplexable Editing Systems**
181 citations
Nature Communications · 12, 1-11
https://exaly.com/article/79550610

10 **An Atlas of Genomic Resources for Studying Rosaceae Fruits and Ornamentals**
15 citations
Frontiers in Plant Science · 12, 644881
https://exaly.com/article/80117100

2019

11 **Yanagi: Fast and Interpretable Segment-Based Alternative Splicing and Gene Expression Analysis**
5 citations
BMC Bioinformatics · 20, 1-19
https://exaly.com/article/71962375

12 **Assessing Predictions of the Impact of Variants on Splicing in CAGI5**
14 citations
Human Mutation · 40, 1215-1224
https://exaly.com/article/72043293

2018

13 **The Journal of Immunology | Oxford Academic**
9 citations
Journal of Immunology · 201, 1154-1164
https://exaly.com/article/71465989

14 **Consensus Coexpression Network Analysis Identifies Key Regulators of Flower and Fruit Development in Wild Strawberry.**
65 citations
Plant Physiology · 178, 202-216
https://exaly.com/article/71477872

2017

15 **Messenger RNA Splicing Signals**
0 citations
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Ordered by publication year, newest first

2017 / continued

16 **Transcriptome Analyses Reveal SR45 to Be a Neutral Splicing Regulator and a Suppressor of Innate Immunity in Arabidopsis thaliana**

64 citations

BMC Genomics · 18, 1-17

https://exaly.com/article/68057322

2016

17 **A Genealogical Look at Shared Ancestry on the X Chromosome.**

10 citations

Genetics · 204, 57-75

https://exaly.com/article/64465319

2015

18 **Insights From GWAS: Emerging Landscape of Mechanisms Underlying Complex Trait Disease**

18 citations

BMC Genomics · 16, 1-15

https://exaly.com/article/60602896

19 **Recognizing the 35th Anniversary of the Proposal That snRNPs Are Involved in Splicing**

2 citations

Molecular Biology of the Cell · 26, 3557-60

https://exaly.com/article/60720055

20 **Evaluation of BLAST-Based Edge-Weighting Metrics Used for Homology Inference With the Markov Clustering Algorithm**

17 citations

BMC Bioinformatics · 16, 1-14

https://exaly.com/article/62462673

2014

21 **Sailfish Enables Alignment-Free Isoform Quantification From RNA-Seq Reads Using Lightweight Algorithms**

505 citations

Nature Biotechnology · 32, 462-464

https://exaly.com/article/58899327

2010

22 **Evolutionary Dynamics of U12-Type Spliceosomal Introns**

52 citations

BMC Evolutionary Biology · 10, 1-11

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2009

23 Two Alternatively Spliced Isoforms of the Arabidopsis SR45 Protein Have Distinct Roles During Normal Plant Development.

140 citations

Plant Physiology · 150, 1450-8

https://exaly.com/article/45682723

2008

24 The Draft Genome of the Transgenic Tropical Fruit Tree Papaya (Carica papaya Linnaeus)

1,008 citations

Nature · 452, 991-996

https://exaly.com/article/43645212

2007

25 Spliceosomal Small Nuclear RNA Genes in 11 Insect Genomes

30 citations

Rna · 13, 5-14

https://exaly.com/article/41130640

26 SplicePort--An Interactive Splice-Site Analysis Tool.

199 citations

Nucleic Acids Research · 35, W285-91

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27 Evolution of Genes and Genomes on the Drosophila Phylogeny

1,798 citations

Nature · 450, 203-218

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28 A Computational Survey of Candidate Exonic Splicing Enhancer Motifs in the Model Plant Arabidopsis thaliana

71 citations

BMC Bioinformatics · 8, 1-8

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29 Features Generated for Computational Splice-Site Prediction Correspond to Functional Elements

21 citations

BMC Bioinformatics · 8, 1-15

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2006

30 Comprehensive Analysis of Alternative Splicing in Rice and Comparative Analyses With Arabidopsis

399 citations

BMC Genomics · 7, 1-17

https://exaly.com/article/40813566

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2005

31 **Exonic Splicing Enhancers and Exonic Splicing Silencers** — 2 citations

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https://exaly.com/article/37935970

2004

32 **Reducing Storage Requirements for Biological Sequence Comparison.** — 359 citations

Bioinformatics · 20, 3363-9

https://exaly.com/article/36404385

33 **The Drosophila U1-70K Protein Is Required for Viability, but Its Arginine-Rich Domain Is Dispensable** — 22 citations

Genetics · 168, 2059-2065

https://exaly.com/article/36591082

2003

34 **Sex-Lethal Splicing Autoregulation in Vivo: Interactions Between SEX-LETHAL, the U1 snRNP and U2AF Underlie Male Exon Skipping** — 45 citations

Development (Cambridge) · 130, 463-471

https://exaly.com/article/35733168

35 **Improving the Arabidopsis Genome Annotation Using Maximal Transcript Alignment Assemblies.** — 1,810 citations

Nucleic Acids Research · 31, 5654-66

https://exaly.com/article/35801308

2002

36 **Evidence for a Plastid Origin of Plant Ethylene Receptor Genes.** — 68 citations

Plant Physiology · 130, 10-4

https://exaly.com/article/33798804

37 **The Draft Genome of Ciona intestinalis: Insights Into Chordate and Vertebrate Origins** — 1,553 citations

Science · 298, 2157-67

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2001

38 **Messenger RNA Splicing Signals** — 2 citations

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2000

39 **Expanding the Definition of Informational Suppression**
8 citations
Trends in Genetics · 16, 157
https://exaly.com/article/31508053

40 **The Genome Sequence of Drosophila Melanogaster**
5,706 citations
Science · 287, 2185-95
https://exaly.com/article/31574577

41 **Pre-Messenger RNA Processing Factors in the Drosophila Genome**
83 citations
Journal of Cell Biology · 150, F37-F44
https://exaly.com/article/31934057

42 **Genomic Sequence, Splicing, and Gene Annotation**
86 citations
American Journal of Human Genetics · 67, 788-792
https://exaly.com/article/32049976

1997

43 **Genetic Depletion Reveals an Essential Role for an SR Protein Splicing Factor in Vertebrate Cells**
9 citations
BioEssays · 19, 189-192
https://exaly.com/article/28776965

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44 **AT-AC Introns—An ATtACk on Dogma**
59 citations
Science · 271, 1690-2
https://exaly.com/article/26882534

45 **Ribosomal RNA: Small Nucleolar RNAs Make Their Mark**
19 citations
Current Biology · 6, 1413-1415
https://exaly.com/article/27295373

1995

46 **Genetic Enhancement of RNA-Processing Defects by a Dominant Mutation in B52, the Drosophila Gene for an SR Protein Splicing Factor**
43 citations
Molecular and Cellular Biology · 15, 6273-82
https://exaly.com/article/25794442

47 **Localization of Sequences Required for Size-Specific Splicing of a SmallDrosophilaIntronin Vitro**
19 citations
Journal of Molecular Biology · 253, 426-437
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1994

48 **P Element-Mediated in Vivo Deletion Analysis of White-Apricot: Deletions Between Direct Repeats Are Strongly Favored.** 54 citations

Genetics · 136, 1001-11

https://exaly.com/article/85403697

49 **Suppressor U1 snRNAs in Drosophila.** 17 citations

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1993

50 **Nested Genes Take Flight** 12 citations

Current Biology · 3, 372-374

https://exaly.com/article/23919912

51 **Species-Specific Signals for the Splicing of a Short Drosophila Intron in Vitro.** 47 citations

Molecular and Cellular Biology · 13, 1104-1118

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52 **Species-Specific Signals for the Splicing of a Short Drosophila Intron in Vitro** 30 citations

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53 **Messenger RNA Splicing Signals in Drosophila Genes** 4 citations

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https://exaly.com/article/172370176

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54 **Splicing Signals in Drosophila: Intron Size, Information Content, and Consensus Sequences.** 378 citations

Nucleic Acids Research · 20, 4255-62

https://exaly.com/article/22903362

55 **Diversity Among Drosophila Transposable Elements and in Their Effects on Gene Expression** 1 citations

Journal unavailable

https://exaly.com/article/84302346

1991

56 **Polyadenylylation in Copia Requires Unusually Distant Upstream Sequences.** 18 citations

Proceedings of the National Academy of Sciences of the United States of America · 88, 3038-3042

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1990

57 **Structure and Expression of the Drosophila Melanogaster Gene for the U1 Small Nuclear Ribonucleoprotein Particle 70K Protein.** 81 citations

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58 **Sequence of a cDNA From the Drosophila Melanogaster White Gene.** 63 citations

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https://exaly.com/article/21625115

59 **Drosophila Melanogaster Genes for U1 snRNA Variants and Their Expression During Development** 62 citations

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60 **Characterization of Enhancer-of-White-Apricot in Drosophila Melanogaster.** 18 citations

Genetics · 126, 1061-1069

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61 **Structure and Expression of the Drosophila Melanogaster Gene for the U1 Small Nuclear Ribonucleoprotein Particle 70K Protein** 52 citations

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1988

62 **Partial Revertants of the Transposable Element-Associated Suppressible Allele White-Apricot in Drosophila Melanogaster: Structures and Responsiveness to Genetic Modifiers.** 73 citations

Genetics · 118, 221-34

https://exaly.com/article/85402043

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63 **Sequence Similarity** 41 citations

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1985

64 **Complete Nucleotide Sequence of the Drosophila Transposable Element Copia: Homology Between Copia and Retroviral Proteins.** 305 citations

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1985 / continued

65 Complete Nucleotide Sequence of the Drosophila Transposable Element Copia: Homology Between Copia and Retroviral Proteins — 202 citations

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https://exaly.com/article/121309652

1983

66 RNA Processing: Sequences That Signal Where to Splice — 17 citations

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67 The U1 Small Nuclear RNA-Protein Complex Selectively Binds a 5' Splice Site in Vitro. — 601 citations

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https://exaly.com/article/16332726

68 Pseudogenes for Human Small Nuclear RNA U3 Appear to Arise by Integration of Self-Primed Reverse Transcripts of the RNA Into New Chromosomal Sites — 185 citations

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https://exaly.com/article/16333005

69 Splicing of Messenger RNA Precursors Is Inhibited by Antisera to Small Nuclear Ribonucleoprotein. — 345 citations

Cell · 35, 101-7

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70 A Catalogue of Splice Junction Sequences. — 4,008 citations

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71 Sequence of U1 RNA From Drosophila Melanogaster: Implications for U1 Secondary Structure and Possible Involvement in Splicing. — 196 citations

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1980

72 Are snRNPs Involved in Splicing? — 1,275 citations

Nature · 283, 220-224

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Year unavailable

73 **Yanagi: Transcript Segment Library Construction for RNA-Seq Quantification** 1 citations

Journal unavailable

https://exaly.com/article/89802427

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