RESEARCH & PUBLICATIONS

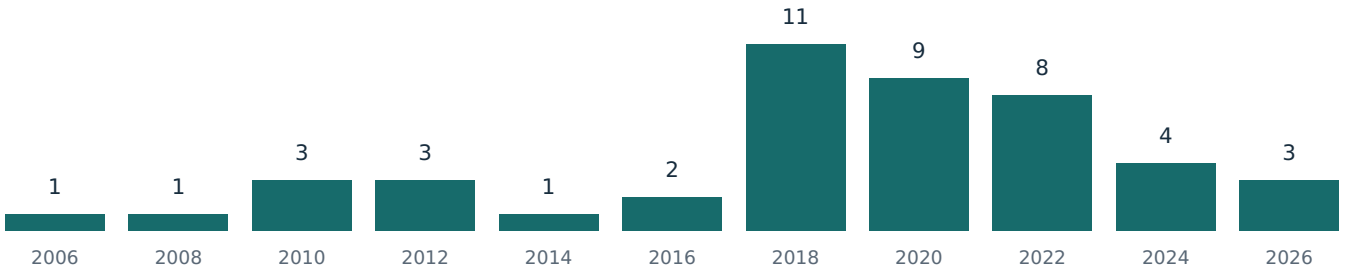
Adam Frankish

A publication record at a glance

46	20,516	33
ARTICLES	CITATIONS	h-INDEX

PUBLICATION ACTIVITY

Articles grouped into 2-year periods



MOST CITED IN THIS LIST

GENCODE: The Reference Human Genome Annotation for the ENCODE Project — 3,852
2012 Genome Research

GENCODE Reference Annotation for the Human and Mouse Genomes — 2,387
2019 Nucleic Acids Research

Ensembl 2018. — 2,243
2018 Nucleic Acids Research

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Ordered by publication year, newest first

2026

01 **Ensembl 2026**
Nucleic Acids Research · 54, D1053-D1060
https://exaly.com/article/207480704
24 citations

02 **An Expanded Reference Catalog of Translated Open Reading Frames for Biomedical Research**
Nucleic Acids Research
https://exaly.com/article/211807036
11 citations

03 **TUSCO: Benchmarking Transcriptome Reconstruction With Endogenous Single-Isoform Controls**
Nature Communications · 17, 5654
https://exaly.com/article/213050901
1 citations

2025

04 **GENCODE 2025: Reference Gene Annotation for Human and Mouse**
Nucleic Acids Research · 53, D966-D975
https://exaly.com/article/194797148
273 citations

05 **Ensembl 2025**
Nucleic Acids Research · 53, D948-D957
https://exaly.com/article/195515451
552 citations

06 **Notable Challenges Posed by Long-Read Sequencing for the Study of Transcriptional Diversity and Genome Annotation**
Genome Research · 35, 583-592
https://exaly.com/article/198307296
12 citations

2024

07 **Ensembl 2024.**
Nucleic Acids Research · 52, D891-D899
https://exaly.com/article/172641704
636 citations

2023

08 **Ensembl 2023.**
Nucleic Acids Research · 51, D933-D941
https://exaly.com/article/155997019
851 citations

09 **GENCODE: Reference Annotation for the Human and Mouse Genomes in 2023**
Nucleic Acids Research · 51, D942-D949
https://exaly.com/article/157760710
410 citations

Ordered by publication year, newest first

2023 / continued

10 **SCN1A: Bioinformatically Informed Revised Boundaries for Promoter and Enhancer Regions**
Human Molecular Genetics · 32, 1753-1763
https://exaly.com/article/159187247
4 citations

2022

11 **The Ensembl COVID-19 Resource: Ongoing Integration of Public SARS-CoV-2 Data**
Nucleic Acids Research · 50, D765-D770
https://exaly.com/article/78298063
9 citations

12 **Ensembl 2022.**
Nucleic Acids Research · 50, D988-D995
https://exaly.com/article/90910389
1,556 citations

13 **Non-Coding Regulatory Elements: Potential Roles in Disease and the Case of Epilepsy**
Neuropathology and Applied Neurobiology · 48, e12775
https://exaly.com/article/123212557
29 citations

14 **A Joint NCBI and EMBL-EBI Transcript Set for Clinical Genomics and Research**
Nature · 604, 310-315
https://exaly.com/article/134998155
417 citations

15 **SCN1A Overexpression, Associated With a Genomic Region Marked by a Risk Variant for a Common Epilepsy, Raises Seizure Susceptibility**
Acta Neuropathologica · 144, 107-127
https://exaly.com/article/145359060
12 citations

2021

16 **Ensembl 2021**
Nucleic Acids Research · 49, D884-D891
https://exaly.com/article/77745353
1,314 citations

17 **GENCODE 2021**
Nucleic Acids Research · 49, D916-D923
https://exaly.com/article/77924624
1,035 citations

18 **A Spatially Resolved Brain Region- and Cell Type-Specific Isoform Atlas of the Postnatal Mouse Brain**
Nature Communications · 12, 1-16
https://exaly.com/article/78882401
169 citations

Ordered by publication year, newest first

2021 / continued

19 The Value of Primary Transcripts to the Clinical and Non-Clinical Genomics Community: Survey Results and Roadmap for Improvements

Molecular Genetics & Genomic Medicine · 9, e1786

https://exaly.com/article/81701495

5 citations

2020

20 Ensembl 2020.

Nucleic Acids Research · 48, D682-D688

https://exaly.com/article/72448027

1,213 citations

21 Transcriptional Activity and Strain-Specific History of Mouse Pseudogenes

Nature Communications · 11, 1-14

https://exaly.com/article/75892517

25 citations

22 Perspectives on ENCODE

Nature · 583, 693-698

https://exaly.com/article/75892569

179 citations

23 Progress, Challenges, and Surprises in Annotating the Human Genome

Annual Review of Genomics and Human Genetics · 21, 55-79

https://exaly.com/article/76616734

34 citations

24 Expert Curation of the Human and Mouse Olfactory Receptor Gene Repertoires Identifies Conserved Coding Regions Split Across Two Exons

BMC Genomics · 21, 1-15

https://exaly.com/article/77043486

46 citations

2019

25 Getting the Entire Message: Progress in Isoform Sequencing

Frontiers in Genetics · 10, 451849

https://exaly.com/article/72120167

41 citations

26 Integrative Transcriptomic Analysis Suggests New Autoregulatory Splicing Events Coupled With Nonsense-Mediated mRNA Decay

Nucleic Acids Research · 47, 5293-5306

https://exaly.com/article/73601034

55 citations

27 Discovery of High-Confidence Human Protein-Coding Genes and Exons by Whole-Genome PhyloCSF Helps Elucidate 118 GWAS Loci

Genome Research · 29, 2073-2087

https://exaly.com/article/74300017

59 citations

Ordered by publication year, newest first

2019 / continued

28 **Re-Annotation of 191 Developmental and Epileptic Encephalopathy-Associated Genes Unmasks De Novo Variants in SCN1A**
Npj Genomic Medicine · 4, 1-11
https://exaly.com/article/74424722
34 citations

29 **GENCODE Reference Annotation for the Human and Mouse Genomes**
Nucleic Acids Research · 47, D766-D773
https://exaly.com/article/74716286
2,387 citations

30 **Ensembl 2019**
Nucleic Acids Research · 47, D745-D751
https://exaly.com/article/74758863
753 citations

2018

31 **Ensembl 2018.**
Nucleic Acids Research · 46, D754-D761
https://exaly.com/article/68880778
2,243 citations

32 **Consensus Coding Sequence (CCDS) Database: A Standardized Set of Human and Mouse Protein-Coding Regions Supported by Expert Curation.**
Nucleic Acids Research · 46, D221-D228
https://exaly.com/article/69220420
116 citations

33 **Sixteen Diverse Laboratory Mouse Reference Genomes Define Strain-Specific Haplotypes and Novel Functional Loci**
Nature Genetics · 50, 1574-1583
https://exaly.com/article/70672691
188 citations

34 **Towards a Complete Map of the Human Long Non-Coding RNA Transcriptome**
Nature Reviews Genetics · 19, 535-548
https://exaly.com/article/71068075
537 citations

35 **Genome-Wide Association Study: Exploring the Genetic Basis for Responsiveness to Ketogenic Dietary Therapies for Drug-Resistant Epilepsy**
Epilepsia · 59, 1557-1566
https://exaly.com/article/71443822
15 citations

2017

36 **High-Throughput Annotation of Full-Length Long Noncoding RNAs With Capture Long-Read Sequencing**
Nature Genetics · 49, 1731-1740
https://exaly.com/article/67441848
221 citations

Ordered by publication year, newest first

2017 / continued

37 **Genome Annotation for Clinical Genomic Diagnostics: Strengths and Weaknesses**
Genome Medicine · 9, 1-19
https://exaly.com/article/67596517
42 citations

2014

38 **Comparative Analysis of Pseudogenes Across Three Phyla**
Proceedings of the National Academy of Sciences of the United States of America · 111, 13361-13366
https://exaly.com/article/58377300
75 citations

2012

39 **Combining RT-PCR-Seq and RNA-Seq to Catalog All Genic Elements Encoded in the Human Genome**
Genome Research · 22, 1698-1710
https://exaly.com/article/52604681
53 citations

40 **The GENCODE Pseudogene Resource**
Genome Biology · 13, 1-26
https://exaly.com/article/53183493
293 citations

41 **GENCODE: The Reference Human Genome Annotation for the ENCODE Project**
Genome Research · 22, 1760-1774
https://exaly.com/article/53365418
3,852 citations

2011

42 **Gene Inactivation and Its Implications for Annotation in the Era of Personal Genomics**
Genes and Development · 25, 1-10
https://exaly.com/article/51687948
25 citations

43 **The Origins, Evolution, and Functional Potential of Alternative Splicing in Vertebrates.**
Molecular Biology and Evolution · 28, 2949-59
https://exaly.com/article/51914265
68 citations

2010

44 **Defining the Human Reference Protein-Coding Gene Set**
Genome Biology · 11, 1-1
https://exaly.com/article/49719895
0 citations

Ordered by publication year, newest first

2009

45 **Comparative Analysis of Processed Ribosomal Protein Pseudogenes in Four Mammalian Genomes**

89 citations

Genome Biology · 10, 1-10

https://exaly.com/article/46906710

2006

46 **GENCODE: Producing a Reference Annotation for ENCODE**

553 citations

Genome Biology · 7, 1-9

https://exaly.com/article/39507727

End of list · 46 articles. Citation counts use Exaly’s peer-reviewed cohort.