

# INSIDE NATURE

Since 1869, *Nature* – and later the Nature-branded research journals – has championed scientific work, identifying and publishing research that makes major advances within a research field, partnering with researchers from across the globe to bring their most significant work to the widest possible audience.

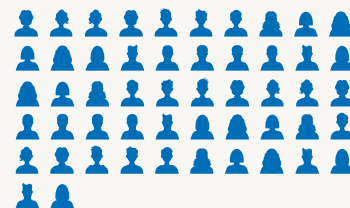
## Our people

286 highly qualified specialist staff work on the creation of *Nature* and the Nature-branded research journals' exceptional primary content every day.



Our **193 professional Editors**, all PhD-trained and previously active researchers, are solely focused on the task of seeking out and curating the very best in science. Our editors are still immersed in the world of research, keeping abreast of the latest developments in their disciplines and engaging with researchers from institutions worldwide, while maintaining an impartial approach to all submissions.

**52 Art, Production & Copy-editing staff** make research as accessible, readable and engaging as possible.



**3 Press Officers** work with authors and journalists to ensure exceptional work is communicated accurately to a wide global audience.

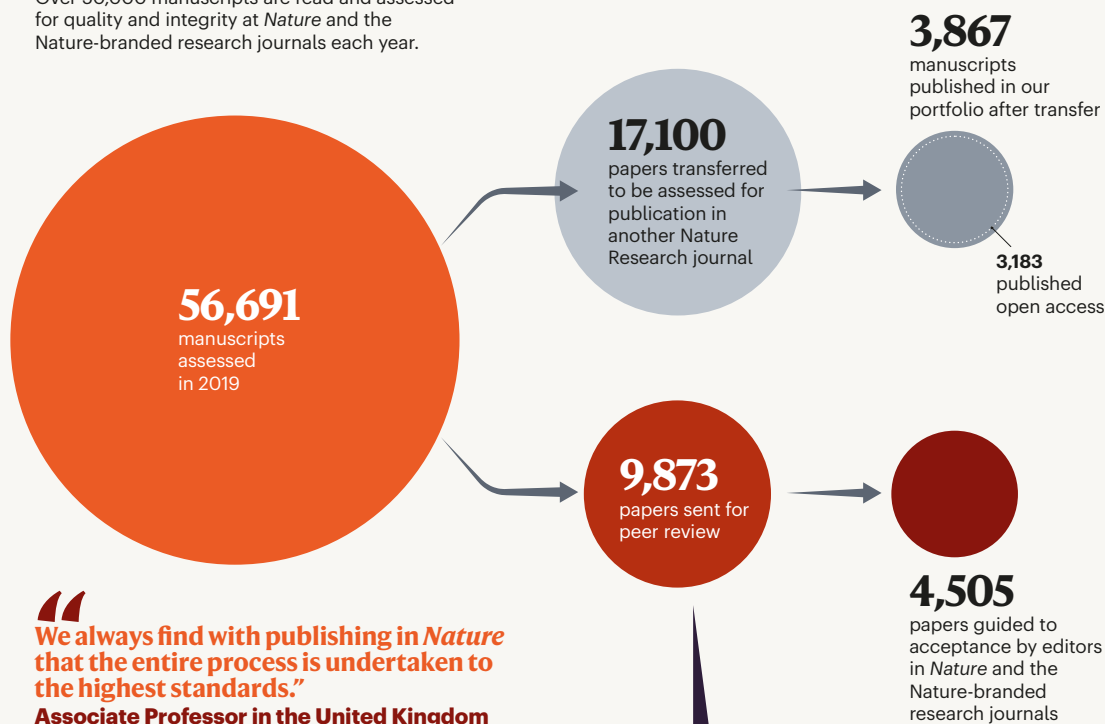
**38 Editorial Assistants** support authors and reviewers through every stage of the publication process.

## Curation & enhancement

Our editors assess and select the most important research to publish, working with authors and reviewers to deliver significant improvements to manuscripts. These rigorous and labour-intensive review processes represent about half of our total investment in the journals.

### The paper pipeline

Over 50,000 manuscripts are read and assessed for quality and integrity at *Nature* and the Nature-branded research journals each year.



**“We always find with publishing in *Nature* that the entire process is undertaken to the highest standards.”**  
Associate Professor in the United Kingdom



### Reporting standards

In 2013, we introduced a mandatory reporting checklist requiring details of analytical and experimental design as well as statistical analyses.

**83%** of surveyed *Nature* authors felt our checklist had significantly improved reporting of statistics within papers published in *Nature*.



### Data and code availability

We support communities by ensuring code and data deposition with the publication of the paper to maximize transparency and reuse. Our active encouragement of data deposition has **boosted data availability associated with published papers from around 50% to over 80%** in some disciplines.



### Protocols

We encourage authors to submit associated protocols to the Protocol Exchange, an open sharing platform. These provide valuable detailed reporting on the analytical and experimental design as well as statistical analyses.

### Innovation in peer review

- Code peer review
- Ethics and biosecurity peer review
- Publishing peer review comments alongside the paper
- Formal recognition of the contribution made by peer reviewers by publishing their names alongside the papers should they wish us to do so

## Transparency & open research

Our journals are committed to innovating to improve transparency, open research practices, rigour and reproducibility.

# Reach & impact

Our publication platform nature.com and international press team ensure researchers' best work gains the widest and most relevant audience. Around 50% of our investment is post-accept and focused on making research as accessible, discoverable and wide reaching as possible.

## Audience and usage

We help researchers gain the audience their most significant work deserves so that it is read, understood and built upon.

**Typical journal\***

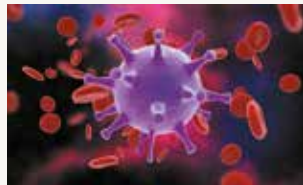
**Nature and the Nature-branded research journals**

On average, papers in *Nature* and the Nature-branded research journals are cited around **12 times more** and downloaded by institutional users around **34 times more** than papers in typical journals.



## Research that is news

In 2019 our dedicated international press team worked to support the publication of over **100,000 news stories**, supporting authors in reaching researchers, policymakers and the general public with accurately and clearly reported news.



**HIV-1 remission following CCR5Δ32/Δ32 haematopoietic stem-cell transplantation** by Gupta et al. in *Nature* was covered in over 5,500 news reports and features from *The Wall Street Journal* and *Financial Times* to *TIME* and *Rolling Stone*.



Coverage for **Water vapour in the atmosphere of the habitable-zone eight-Earth-mass planet K2-18 b** by Tsiaras et al. in *Nature Astronomy* came from over 4,000 international news outlets including *The New York Times*, *China Daily* and *Al Jazeera*.



**Pan-cancer analysis of whole genomes**  
A collection of papers by The ICGC/TCGA Pan-Cancer Analysis of Whole Genomes Consortium featured in over 2,500 news stories, including the front pages of many major national newspapers, such as the *Financial Times* and *The Times*.

## Research that gets talked about

Articles published in *Nature* and the Nature-branded research journals in the past year received:



## Research that influences

Articles published in *Nature* and the Nature-branded research journals received **9,489 mentions in policy documents** in the past year.



**Options for keeping the food system within environmental limits** by Springmann et al. in *Nature* has featured in numerous policy documents including those from UNICEF, the Food and Agriculture Organization of the United Nations and the World Economic Forum.

## Community engagement

In 2019 our editors:



“These are the foundations on which *Nature* is built; engaging with active researchers at conferences and at their institutes is stimulating, insightful and often inspiring.”  
Ritu Dhand, VP Editorial, Nature Journals

## Working in partnership

We give our backing to research community initiatives including ORCID, DORA, TOP Guidelines and COPE and integrate them into our editorial and publishing processes.



## Data sources

- Citation data from Scopus for primary articles published in 2015
- Altmetrics data from Altmetric
- Institutional downloads use COUNTER data
- Nature Research staff numbers from 2019
- Nature Research manuscript numbers from 2019

\*Parts of the Springer portfolio have been used to provide comparison data for a typical journal

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# Community engagement

We are committed to truly engaging with and understanding the academic community, and supporting initiatives that advance transparency, integrity and appropriate recognition.