



# Collaborative Writing and Publishing

Using Overleaf to Supercharge Research Presentation

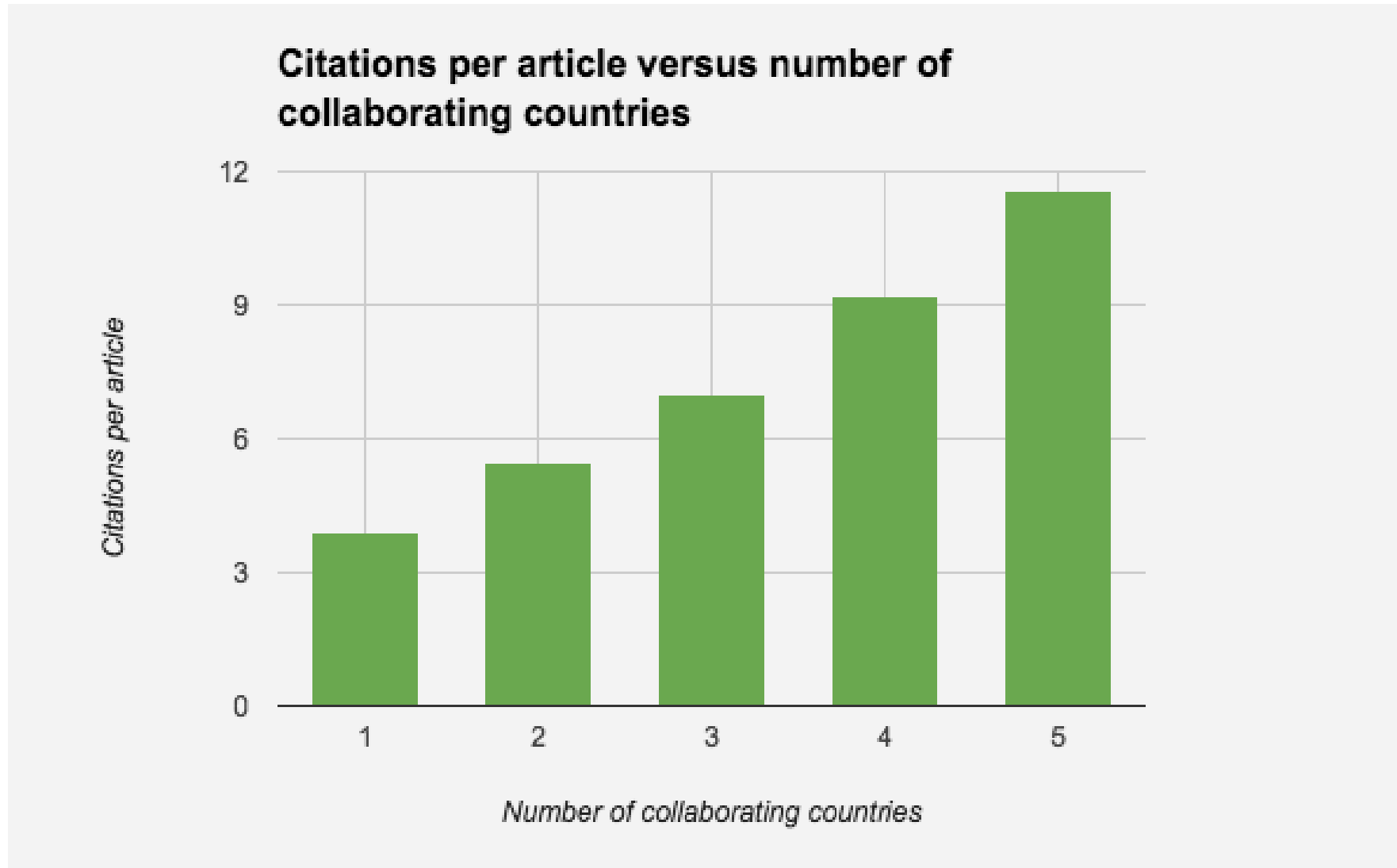
Jack Naylor - University of Sydney

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# ***Global scientific collaboration is increasing***



# ***This is a good thing for research visibility***

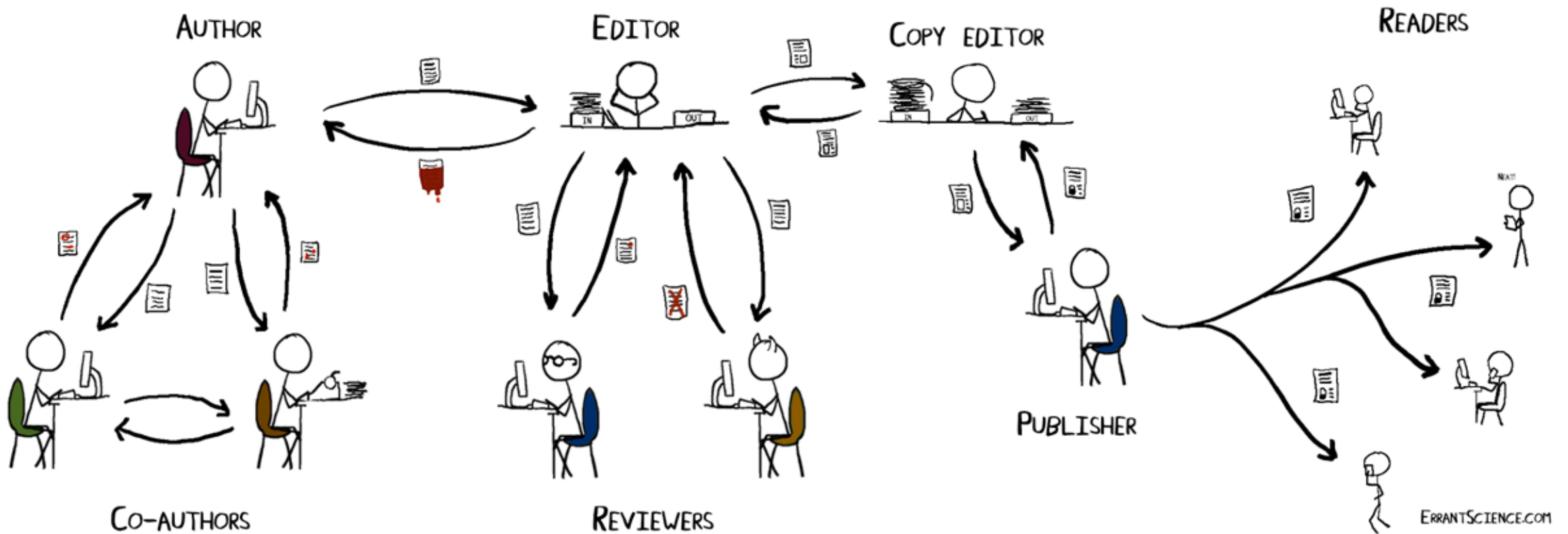


## But...collaboration can be frustrating

- Multiple versions of the same document
- Long email chains
- Formatting & typesetting
- Maintaining references
- Long revision cycles



Traditional workflows create many different versions of documents which often sit in silos



Overleaf provides one master version for collaboration by all

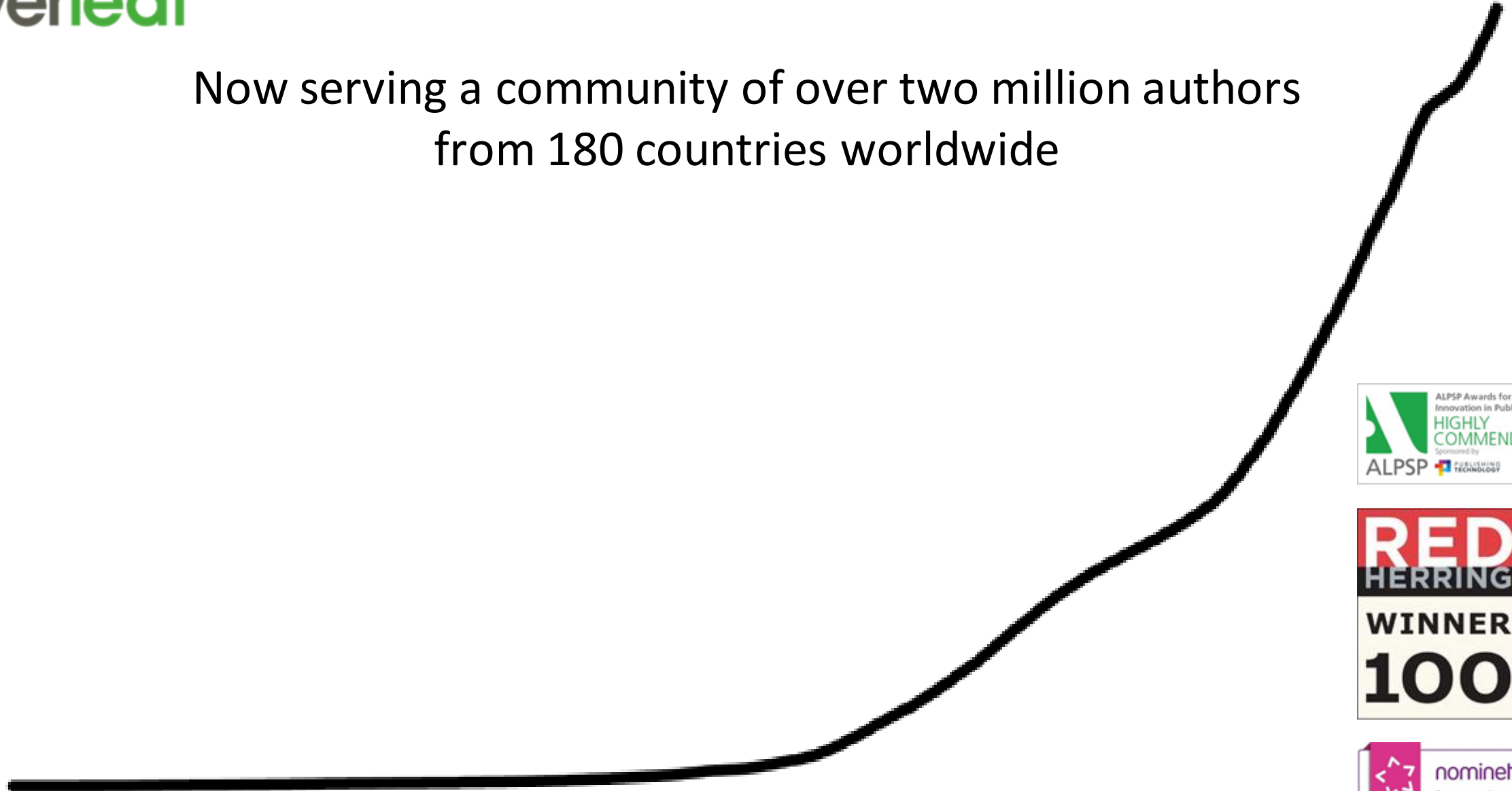






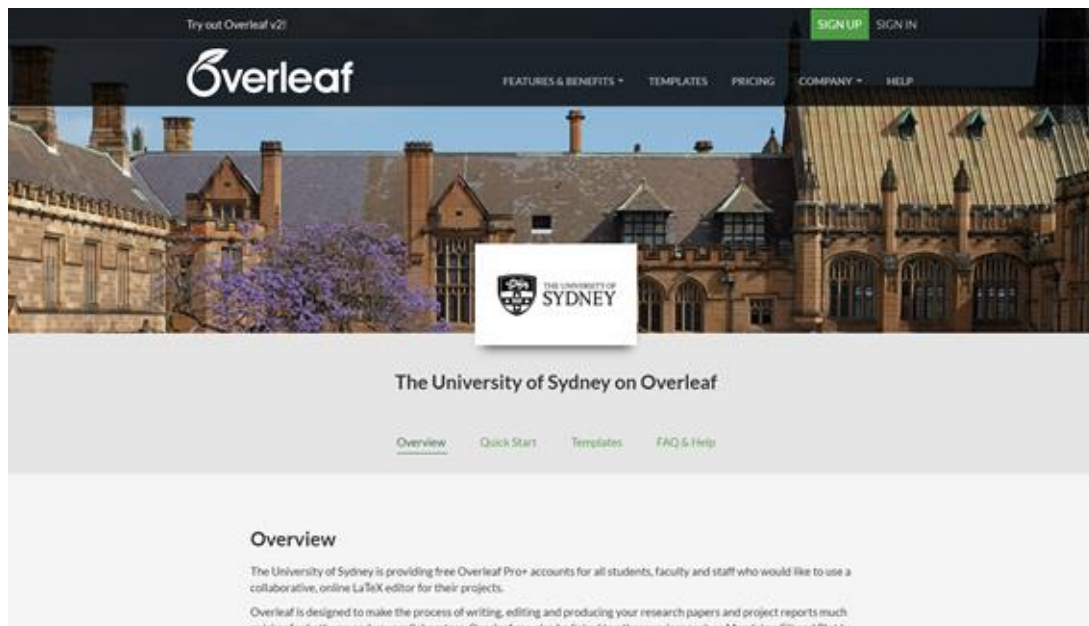


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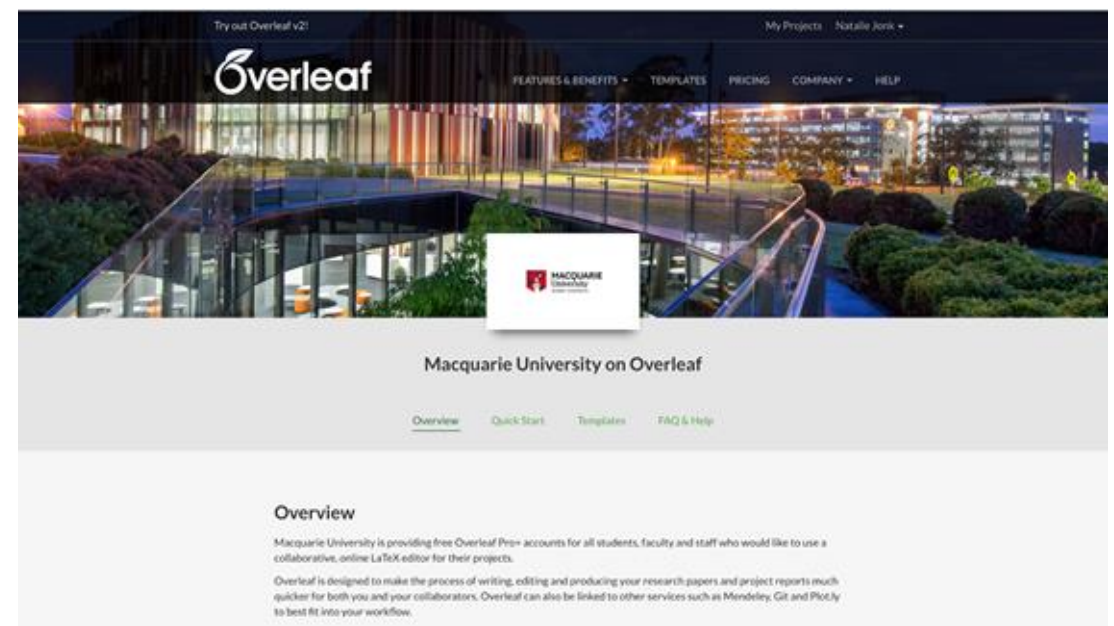




Adopted by a growing number of institutions around the world, including the University of Sydney and Macquarie University



<https://www.overleaf.com/edu/sydney>



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# Case study example: Overleaf at Stanford University

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*“**Overleaf** has been a huge success at Stanford.*

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Helen Josephine  
Head of the Terman  
Engineering Library, Stanford

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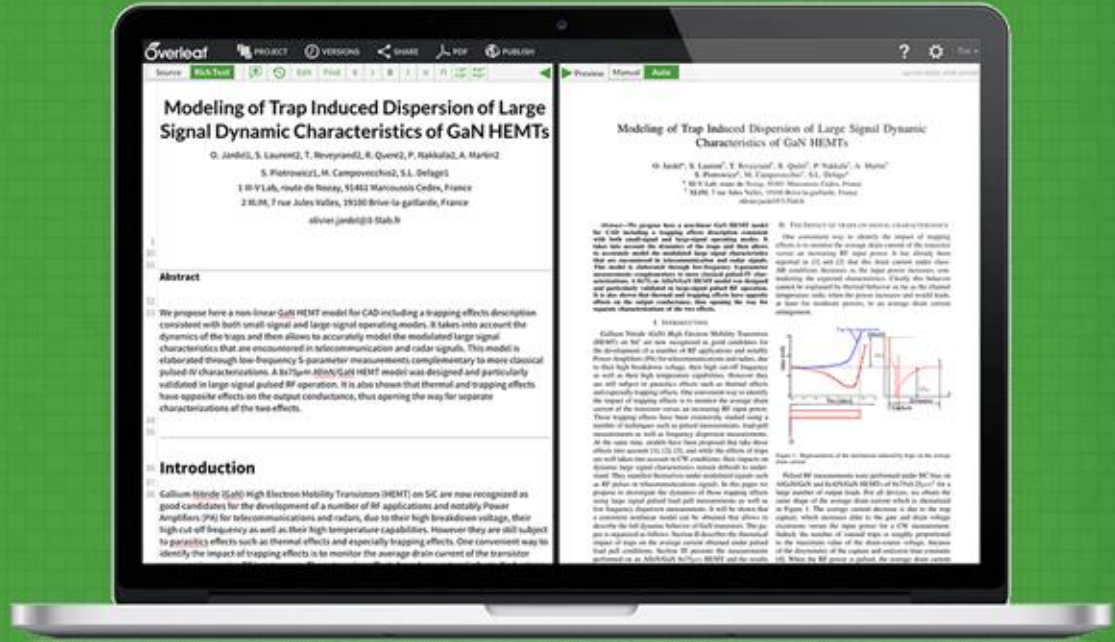
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# Edit on the left, see the typeset version on the right

The image shows the Overleaf web editor interface. On the left is the source editor, and on the right is the preview window.

**Left Panel (Source Editor):**

- Files list: files, styles, GSA-journal-template.tex (selected), example-bibliography.bib, example-figure.png, genetics.bst, gsajnl.cls.
- Buttons: DOWNLOAD AS ZIP, Save to Dropbox.
- Document content:
  - Your Abstract** (lines 58-70):

In addition to the guidelines provided in the example abstract above, your abstract should:

    - provide a synopsis of the entire article;
    - begin with the broad context of the study, followed by specific background for the study;
    - describe the purpose, methods and procedures, core findings and results, and conclusions of the study;
    - emphasize new or important aspects of the research;
    - engage the broad readership of GENETICS and be understandable to a diverse audience (avoid using jargon);
    - be a single paragraph of less than 250 words;
    - contain the full name of the organism studied;
    - NOT contain citations or abbreviations.
  - Introduction** (lines 73-77):

For the introduction, authors should be mindful of the broad readership of the journal. The introduction should set the stage for the importance of the work to a generalist reader and draw the reader in to the specific study. The scope and impact of the work should be clearly stated.

In individual organisms where a mutant is being studied, the

**Right Panel (Preview):**

- Page header: GENETICS | INVESTIGATION
- Page title: Template for preparing your submission to *GENETICS* using Overleaf
- Authors: Author One<sup>1,2</sup>, Author Two<sup>1</sup>, Author Three<sup>1</sup>, Author Four<sup>1</sup> and Author Five<sup>1\*</sup>
- Abstract text:

**ABSTRACT** The abstract should be written for people who may not read the entire paper, so it must stand on its own. The impression it makes usually determines whether the reader will go on to read the article, so the abstract must be engaging, clear, and concise. In addition, the abstract may be the only part of the article that is indexed in databases, so it must accurately reflect the content of the article. A well-written abstract is the most effective way to reach intended readers, leading to more robust search, retrieval, and usage of the article. Please see additional guidelines notes on preparing your abstract below.

**KEYWORDS** Keyword; Keyword2; Keyword3; ...

**Guide to using this template in Overleaf**

This template is provided to help you prepare your article for submission to the *Genetics*.

**Author Affiliations**

For the authors' names, indicate different affiliations with the symbols: \*, †, ‡, §. After four authors, the symbols double, triple, quadruple, and so forth as required.

**Your Abstract**

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Authors are encouraged to:

  - cite the supporting literature completely rather than select a subset of citations;
  - provide important background citations, including relevant review papers (to help orient the non-specialist reader);
  - to cite similar work in other organisms.

**Page-Footer:** Copyright © 2014 by the Genetics Society of America. doi: 10.1534/genetics.1000XXXXX. Manuscript compiled: Monday 25<sup>th</sup> July 2016. \*Please insert the affiliation correspondence address and email for the corresponding author. The corresponding author should be marked with a '\*' in the author list, as shown in the example.

# Edit underlying LaTeX source, if you like

The image shows the Overleaf web editor interface. The top navigation bar includes the Overleaf logo, a PROJECT button, and icons for HISTORY, SHARE, PDF, and SUBMIT TO GENETICS. The right side of the top bar features a help icon, settings, a user profile, and the journal title 'GENETICS'. Below the navigation bar, there are tabs for 'Source', 'Rich Text', 'Edit', and 'Find', along with a 'More' dropdown. The 'Preview' tab is active, showing a rendered version of the LaTeX source. The left sidebar displays a file explorer with folders 'files' and 'styles', and a list of files including 'GSA-journal-template.tex', 'example-bibliography.bib', 'example-figure.png', 'genetics.bst', and 'gsajnl.cls'. A 'DOWNLOAD AS ZIP' button and a 'Save to Dropbox' link are also visible. The main editor area shows the LaTeX source code for a journal template, including document class settings, author and affiliation declarations, and a title. The preview area shows the rendered output, which is a template for preparing a submission to 'GENETICS' using Overleaf. The rendered page includes the journal title, author names, affiliations, an abstract, and a list of keywords. The abstract discusses the importance of writing a clear and concise abstract for the journal. The keywords section lists 'Keyword; Keyword2; Keyword3; ...'. The introduction section discusses the importance of the introduction in a journal article. The author affiliations section provides instructions on how to declare affiliations. The abstract section provides instructions on how to write an abstract. The footer includes copyright information and a note about the corresponding author.

```
1 \documentclass[9pt,twocolumn,twoside]{gsajnl}
2 % Use the documentclass option 'lineno' to view line numbers
3
4 \articletype{inv} % article type
5 % {inv} Investigation
6 % {gs} Genomic Selection
7 % {goi} Genetics of Immunity
8 % {gos} Genetics of Sex
9 % {mp} Multiparental Populations
10
11 \title{Template for preparing your submission to
12 \textit{GENETICS} using Overleaf}
13
14 \author[{\ast,1}]{Author One}
15 \author[{\dagger}]{Author Two}
16 \author[{\ddagger}]{Author Three}
17 \author[{\$S\$}]{Author Four}
18 \author[{\ast\ast}]{Author Five}
19
20 \affil[{\ast}]{Author one affiliation}
21 \affil[{\dagger}]{Author two affiliation}
22 \affil[{\ddagger}]{Author three affiliation}
23 \affil[{\$S\$}]{Author four affiliation}
24 \affil[{\ast\ast}]{Author five affiliation}
25
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27
28 \runningtitle{GENETICS Journal Template on Overleaf} % For
29 use in the footer
30
31 \correspondingauthor{Corresponding Author}
32
33 \begin{abstract}
34 The abstract should be written for people who may not read
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GENETICS | INVESTIGATION

## Template for preparing your submission to *GENETICS* using Overleaf

Author One<sup>1</sup>, Author Two<sup>1</sup>, Author Three<sup>1</sup>, Author Four<sup>2</sup> and Author Five<sup>1</sup>  
<sup>1</sup>Author one affiliation, <sup>2</sup>Author two affiliation, <sup>3</sup>Author three affiliation, <sup>4</sup>Author four affiliation, <sup>5</sup>Author five affiliation

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**KEYWORDS** Keyword; Keyword2; Keyword3; ...

This Genetics journal template is provided to help you write your work in the correct journal format. Instructions for use are provided below.

**Guide to using this template in Overleaf**  
This template is provided to help you prepare your article for submission to the *Genetics*.

**Author Affiliations**  
For the authors' names, indicate different affiliations with the symbols: \*, †, ‡. After four authors, the symbols double, triple, quadruple, and so forth as required.

**Your Abstract**  
In addition to the guidelines provided in the example abstract above, your abstract should:

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- emphasize new or important aspects of the research;

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doi: 10.1534/genetics.1116.000000  
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engage the broad readership of *GENETICS* and be understandable to a diverse audience (avoid using jargon);  
be a single paragraph of less than 250 words;  
contain the full name of the organism studied;  
NOT contain citations or abbreviations.

**Introduction**  
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Genetics, Vol. XXX, XXXX-XXXX July 2016 1

# Submit directly from Overleaf to journals

The screenshot displays the Overleaf web interface. At the top, the 'SUBMIT TO GENETICS' button is highlighted with a green box. The left sidebar shows a file explorer with 'GSA-journal-template.tex' selected. The central editor area contains a list of guidelines for writing an abstract, starting with 'Your Abstract' and 'Introduction'. The right preview pane shows a journal template for 'GENETICS | INVESTIGATION' with sections for 'ABSTRACT', 'KEYWORDS', 'Guide to using this template in Overleaf', 'Author Affiliations', and 'Your Abstract'.

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Add Files... Word Count

files styles GSA-journal-template.tex example-bibliography.bib example-figure.png genetics.bst gsajnl.cls

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## Template for preparing your submission to GENETICS using Overleaf

Author One<sup>1</sup>, Author Two<sup>2</sup>, Author Three<sup>3</sup>, Author Four<sup>4</sup> and Author Five<sup>\*\*</sup>  
<sup>1</sup>Author one affiliation, <sup>2</sup>Author two affiliation, <sup>3</sup>Author three affiliation, <sup>4</sup>Author four affiliation, <sup>\*\*</sup>Author five affiliation

**ABSTRACT** The abstract should be written for people who may not read the entire paper, so it must stand on its own. The impression it makes usually determines whether the reader will go on to read the article, so the abstract must be engaging, clear, and concise. In addition, the abstract may be the only part of the article that is indexed in databases, so it must accurately reflect the content of the article. A well-written abstract is the most effective way to reach intended readers, leading to more robust search, retrieval, and usage of the article. Please see additional guidelines notes on preparing your abstract below.

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Authors are encouraged to

Some big news last summer!!



+



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The screenshot displays the Overleaf v2 interface, which is divided into three main sections: a source code editor on the left, a chat window in the middle, and a document preview on the right.

**Source Code Editor:** The left panel shows the LaTeX source code for a document titled "Example". The code includes package declarations, author information, and sections for "Introduction", "Conclusion", and "References". A citation is used in the conclusion section: `\citep{adams1995hitchhiker}`.

**Chat Window:** The middle panel shows a chat interface with a toggle for "Track changes is on". It displays two messages: one where a change was "Deleted instantly" and another where a change was "Added very nice". A user comment "You: Nice quote :)" is also visible.

**Document Preview:** The right panel shows the rendered PDF document. It features a title page with the title "Example", author "John Hammersley", and date "April 2018". The document contains two sections: "1 Introduction" and "2 Conclusion". The introduction text is: "There is a theory which states that if ever anyone discovers exactly what the Universe is for and why it is here, it will instantly disappear and be replaced by something even more bizarre and inexplicable. There is another theory which states that this has already happened." Below this text is an image of a galaxy, captioned "Figure 1: The Universe". The conclusion section contains the quote: "[I] always thought something was fundamentally wrong with the universe" [1]. The references section lists: "[1] D. Adams. *The Hitchhiker's Guide to the Galaxy*. San Val, 1995."



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[jack.naylor@sydney.edu.au](mailto:jack.naylor@sydney.edu.au)