ORIGINAL ARTICLE

Fundamental limits on the rate of bacterial growth

Nathan M. Belliveau^{†1} | Griffin Chure^{†1} | Christina L. Hueschen³

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KEYWORDS

keyword 1, keyword 2, keyword 3, keyword 4, keyword 5, keyword 6, keyword 7

Technology, Pasadena, CA, USA

⁹Department of Physics, California Institute of Technology, Pasadena, CA, USA

*Co-corresponding authors. Address correspondence to phillips@pboc.caltech.edu and jtheriot@uw.edu

[†]These authors contributed equally to this work

Correspondence

Funding information

Email:

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Funder One, Funder One Department, Grant/Award Number: 123456, 123457 and 123458; Funder Two, Funder Two Department, Grant/Award Number:

¹Department of Biology, University of Washington, Seattle, WA, USA

²Department of Applied Physics, California Institute of Technology, Pasadena, CA, USA

FIGURE 1 Although we encourage authors to send us the highest-quality figures possible, for peer-review purposes we can accept a wide variety of formats, sizes, and resolutions. Legends should be concise but comprehensive – the figure and its legend must be understandable without reference to the text. Include definitions of any symbols used and define/explain all abbreviations and units of measurement.

1 | FIRST LEVEL HEADING

Please lay out your article using the section headings and example objects below, and remember to delete all help text prior to submitting your article to the journal.

1.1 | Second Level Heading

If data, scripts or other artefacts used to generate the analyses presented in the article are available via a publicly available data repository, please include a reference to the location of the material within the article.

This is an equation, numbered

$$\int_{0}^{+\infty} e^{-x^2} dx = \frac{\sqrt{\pi}}{2} \tag{1}$$

And one that is not numbered

$$e^{i\pi} = -1$$

1.2 | Document class options

The wiley-article document class offers the following options:

blind Anonymise all author, affiliation, correspondence and funding information.

lineno Adds line numbers.

serif Sets the body font to be serif.

twocolumn Sets the body text in two-column layout.

num-refs Uses the numerical Vancouver bibliography style; see section ??.

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1.3 | Adding Citations and a References List

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You can find a video tutorial here to learn more about BibTeX: https://www.overleaf.com/help/97-how-to-include-a-bibliography-using-bibtex.

This template provides two \documentclass options for the citation and reference list style:

```
Numerical style Use \documentclass[...,num-refs]{wiley-article} (Vancouver style)
Author-year style Use \documentclass[...,alpha-refs]{wiley-article} (RSS style)
```

If you are submitting to a journal that uses neither of the above, then instead of specifying one of these options in the document class you should use \bibliographystyle to specify the appropriate WileyNJD-... style, and load the natbib with the appropriate options as needed. If the journal provides you with an alternative .bst file to use, please upload this first, and then specify it with the \bibliographystyle as above.

1.4 | Usage Examples of wiley-article Options

1. Using numerical, sort-by-authors citations:

```
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```

2. Anonymised submission using author-year citations:

```
\documentclass[blind,alpha-refs]{wiley-article}
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3. Using unsrtnat for numerical, in-sequence citations:

```
\documentclass{wiley-article}
\usepackage[numbers]{natbib}
\bibliographystyle{unsrtnat}
```

4. Using the WileyNJD-AMA reference style and superscript citations, two-column and serif fonts, for submission to AIChF:

```
\documentclass[serif,twocolumn]{wiley-article}
\usepackage[super]{natbib}
\bibliographystyle{WileyNJD-AMA}
\makeatletter
\renewcommand{\@biblabel}[1]{#1.}
\makeatother
```

1.4.1 | Third Level Heading

Supporting information will be included with the published article. For submission any supporting information should be supplied as separate files but referred to in the text.

Appendices will be published after the references. For submission they should be supplied as separate files but referred to in the text.

Fourth Level Heading

The significant problems we have cannot be solved at the same level of thinking with which we created them. 1

Anyone who has never made a mistake has never tried anything new.

Albert Einstein

TABLE 1 This is a table. Tables should be self-contained and complement, but not duplicate, information contained in the text. They should be not be provided as images. Legends should be concise but comprehensive – the table, legend and footnotes must be understandable without reference to the text. All abbreviations must be defined in footnotes.

Variables	JKL(n=30)	Control ($n = 40$)	MN	t (68)
Age at testing	38	58	504.48	58 ms
Age at testing	38	58	504.48	58 ms
Age at testing	38	58	504.48	58 ms
Age at testing	38	58	504.48	58 ms
stop alternating row colors from here onwards				
Age at testing	38	58	504.48	58 ms
Age at testing	38	58	504.48	58 ms

JKL, just keep laughing; MN, merry noise.

Fifth level heading Measurements should be given in SI or SI-derived units. Chemical substances should be referred to by the generic name only. Trade names should not be used. Drugs should be referred to by their generic names. If proprietary drugs have been used in the study, refer to these by their generic name, mentioning the proprietary name, and the name and location of the manufacturer, in parentheses.

acknowledgements

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endnotes