

Manuscript Title

First Middle/Initial Last_Name_A¹, First Middle/Initial Last_Name_B²,
First Middle/Initial Last_Name_C^{2,*}

¹ University of ABC, 123 University Street, City, 12345, Province

² Institute of XYZ, 459 Main Street, City, State, 98765

*Corresponding Author(s): First Middle/Initial Last_Name_C, E-mail Address

Graphical abstract (required)

The graphical abstract is an image that summarizes the main findings of the research. It adds a visual component to the start of a manuscript, helping readers quickly appreciate and understand the central message. The graphical abstract may be submitted at any stage but is only required with the final submission. The image should be 5.5×5.5 inches in dimension, 650×500 pixels at 300 dpi, using Arial font with a size of 12–16 points, accompanied by a brief description of the image in 20 words or less. Additionally, the highlights of the research should be provided using 3 to 4 points within a total of 200 words.

Abstract

The abstract of a Research Article or Report should explain to general readers why the research was carried out, what was found, and why the results are significant or even transformative. It should start with some brief background context, i.e., a sentence broadly introducing the field that can be comprehended by general readers, and a subsequent sentence detailing more specific background of the research. This should be followed by a description of the goals/methods and then results. The final sentence should depict the main conclusions of the research, in terms comprehensible to general readers. Citations or abbreviations should not be included in the abstract. The abstract should be no more than 200 words.

Keywords

Lorem, ipsum, dolor sit amet, esse, vitae, partiendo

1 Introduction

The Introduction should be succinct, with no subheadings, and should present the necessary background information to provide a biological context for the results.

2 Materials and methods

The materials and methods section may contain subheadings.

The materials and methods section needs to include sufficient detail so that readers can understand how the experiments were performed and so that all procedures can be repeated in conjunction with cited references. This section should also include a description of any statistical methods employed in the study.

Lorem ipsum dolor sit amet, ne tollit munere assentior sit, putant petentium accusamus ei duo. Ius et torquatos quaerendum, oratio iriure contentiones est cu, quot animal ei usu. Tempor malorum consulatu ad eam, pro ea velit saepe, pri essent ancillae consequuntur at. No partiendo imperdiet sea, menandri tacimates duo ex. Adhuc utinam maiestatis eu eum, an similique efficiantur vis⁴. Eum omnesque cotidieque comprehensam ad, scripta nusquam abhorreant eu vis. Postea eruditi intellegat eam te, tale abhorreant definiebas eam eu. Suas noster id vel, est ex augue commodo honestatis. Graecis eleifend periculis vis no. Qui ad justo lorem, idque postea oportere id eos, vim altera maluisset scribentur no. Ad euismod perfecto has, magna velit necessitatibus mea id. In noluisse scriptorem eos. Duo ea alii possit consequat, ex mei dico zril nonumes, te dicta meliore quo. At his labitur labores comprehensam, an dolorem intellegat vis. No vis sint assum. Ut dicit possim eos, ad vidisse vituperatoribus vim. Cu dicit insolens delicatissimi vel, cu ipsum dolores fabellas nec, sed eu erant alterum. Ut audiam assentior vel? Mei diceret facilisis ne. Vel etiam virtute interpretaris et, an fugit honestatis pro. Cum ubique adversarium eu, pri et dicit alterum, duo vidit ponderum id. Vis ei paulo veritus facilis Adhuc utinam maiestatis eu eum, an similique efficiantur vis (**See Supporting Information Figure S1**). Eum omnesque cotidieque comprehensam ad, scripta nusquam abhorreant eu vis. Postea eruditi intellegat eam te, tale abhorreant definiebas eam eu.

3 Results and Discussion

The results section may contain subheadings.

The discussion should explain the significance of the results and place them into a broader context. It should not be redundant with the results section. This section may contain subheadings.

3.1 Subheading 1, Level 1 (optional/encouraged)

Lorem ipsum dolor sit amet, ne tollit munere assentior sit, putant petentium accusamus ei duo. Ius et torquatos quaerendum, oratio iriure contentiones est cu, quot animal ei usu. Tempor malorum consulatu ad eam, pro ea velit saepe, pri essent ancillae consequuntur at. No partiendo imperdiet sea, menandri tacimates duo ex. Adhuc utinam maiestatis eu eum, an similique efficiantur vis. Eum omnesque cotidieque comprehensam ad, scripta nusquam abhorreant eu vis. Postea eruditi intellegat eam te, tale abhorreant definiebas eam eu. Suas noster id vel, est ex augue commodo honestatis. Graecis eleifend periculis vis no. Qui ad justo lorem, idque postea oportere id eos, vim altera maluisset scribentur no. Ad euismod perfecto has, magna velit necessitatibus mea id. In noluisse scriptorem eos. Duo ea alii possit consequat, ex mei dico zril nonumes, te dicta meliore quo. At his labitur labores comprehensam, an dolorem intellegat vis. No vis sint assum. Ut dicit possim eos, ad vidisse vituperatoribus vim. Cu dicit insolens delicatissimi vel, cu ipsum dolores fabellas nec, sed eu erant alterum. Ut audiam assentior vel (Fig. ??).

3.2 Subheading 2, Level 1 (optional/encouraged)

Mei diceret facilisis ne. Vel etiam virtute interpretaris et, an fugit honestatis pro. Cum ubique adversarium eu, pri et dicit alterum, duo vidit ponderum id. Vis ei paulo veritus facilis.

3.2.1 Subheading 1, Level 2 (optional)

Lorem ipsum dolor sit amet, latine corrumpit no vel, ad inimicus praesent conclusionemque sed. Cu regione offendit ius. Ad pri movet patrioque. In qui paulo oporteat

detraxit. Sed vocent diceret an, altera minimum per id. Quo at scaevola inciderint, id timeam appetere usu.

3.2.2 Subheading 2, Level 2 (optional)

Lorem ipsum dolor sit amet, omnium nominati nam in? Ei mel etiam voluptatibus, eu per eius interesset, feugiat honestatis et ius. Mel ad praesent posidonium. Ea posse dignissim adversarium his, te his ferri legendos. Vim utinam soleat ei, munere placerat has at. Vis no appareat present. Vel at omnis tempor praesent, nihil quodsi sed in, his ipsum choro alienum ex. Cibo adhuc omittantur eam at, ei nec movet vitae recusabo, wisi disputationi ne vel.

4 Conclusion

Lorem ipsum dolor sit amet, latine corrumpit no vel, ad inimicus praesent conclusionemque sed. Cu regione offendit ius. Ad pri movet patrioque. In qui paulo oporteat detraxit. Sed vocent diceret an, altera minimum per id. Quo at scaevola inciderint, id timeam appetere usu. Lorem ipsum dolor sit amet, omnium nominati nam in. Ei mel etiam voluptatibus, eu per eius interesset, feugiat honestatis et ius. Mel ad praesent posidonium. Ea posse dignissim adversarium his, te his ferri legendos. Vim utinam soleat ei, munere placerat has at. Vis no appareat present. Vel at omnis tempor praesent, nihil quodsi sed in, his ipsum choro alienum ex. Cibo adhuc omittantur eam at, ei nec movet vitae recusabo, wisi disputationi ne vel. Ne has graeco principes sadipscing. Duo no quaerendum persequeris, latine commodo ad est, te ius nihil constituto adipiscing. Sanctus senserit prodesset eu mel, eos facer mucius omnium ea. Vel cu adhuc nonumes efficiendi, nisl dolores adolescens ex eam, eu veritus molestiae pri. Omnis comprehensam est eu, te mea platonem erroribus.

Supporting Information (if applicable)

This section should be titled “supplemental information” and should briefly list what types of data are included in the supplemental information. For example, “supplemental information includes four figures and two tables.”

Disclosures (if applicable)

Provide any disclosures regarding safety, regulations, or research ethics statements in this section. Any significant hazards or risks encountered in carrying out the research described in the manuscript must be addressed in this section. If any such hazards exist, a description and approach to mitigate the hazards must be included.

Conflict of Interest (required)

Disclose any conflicts of interest. If no conflicts of interest exist, include the following statement: There is no conflict of interest to report.

Funding Information (required)

This research was made possible as a result of a generous grant from XYZ Foundation (Grant Number 123567).

Preprint Statement (if applicable)

Research presented in this article was posted on a preprint server prior to publication in JUSTC. The corresponding preprint article can be found here: (DOI; Direct Link)

Acknowledgments (if applicable)

The authors wish to acknowledge Professor ABC for his helpful discussions regarding the experimental design.

References

Reference citations in the text should be numbered consecutively in square brackets. Some examples:

1. Deep learning has seen considerable growth in the past decade^[1-4].
2. R represent polarization resistance^[16,17].

References should include only articles that are published. Personal communications and unpublished work should only be mentioned in the text. Do not use footnotes or endnotes as a substitute for a reference list. In the references list, “et al.” should

be used only after 3 authors. References with fewer authors should list all authors. Please use the following styles for references:

Article in a journal publication

- [1] Mnih V, Kavukcuoglu K, Silver D, et al. Human-level control through deep reinforcement learning. *Nature*, **2015**, 518 (7540): 529–533.

Article in a book

- [2] King S M. Dynein motors: Structure, mechanochemistry and regulation. In: Schliwa M, editor. *Molecular Motors*. Weinheim, Germany: Wiley-VCH Verlag GmbH & Co. KGaA, **2003**: 45–78.

Entire book

- [3] Zaitsev A M. *Optical Properties of Diamond: A Data Handbook*. Berlin: Springer, **2001**.

Online reference

- [4] King M D, Tsay S C, Platnick S E, et al. Cloud retrieval algorithms for MODIS: Optical thickness, effective particle radius, and thermodynamic phase. **1997**. https://eosps0.gsfc.nasa.gov/sites/default/files/atbd/atbd_mod05.pdf. Accessed March 12, 2019.

Dissertation/thesis

- [5] Smith J P. DNA sequences. Thesis. Cambridge, MA: Massachusetts Institute of Technology, **1985**.

In-text citations

Unpublished data and personal communications may be cited within the text only. Submitted articles that have not yet been accepted should be cited as unpublished data.

- Unpublished data may refer only to work from an author of the manuscript being submitted.
- A personal communication should be documented by a letter of permission (this may be in the form of an e-mail communication, letter, or other appropriate form of permission).

Please use the following style for such citations:

Unpublished data

(Unpublished data by Nagai et al.)

Personal communication

(Adams M, personal communication)

Figure titles and legends

Figure titles and legends should be included in the submitted manuscript as a separate section, consisting of a brief title that describes the entire figure without citing specific panels and a subsequent description of each panel.

Each figure must be numbered consecutively with whole numbers. In other words, figures must be numbered as Figure 1, Figure 2, Figure 3, etc., rather than as Figure 1a, Figure 1b, Figure 1c, etc.

Figures may not exceed one page.

Figure titles may not contain parenthetical information, reference citations, or footnotes.

All reference citations within a figure must also be included in the figure legend.

For any figures presenting pooled data, the measures should be defined in the figure legends (for example, data are represented as the mean \pm SEM).

Tables

Include tables in the submitted manuscript after the figure titles and legends. Tables should not be saved as figures, e.g., as .jpg or .tif files. All tables intended for print should be incorporated into the end of the manuscript Word file. Tables should not be uploaded individually.

When creating a table, please use the Microsoft Word table function, and please do not place an Excel table into a Word document. Tables not created with the Microsoft Word table function will be sent back for revision. Do not submit a table in PDF format.

Word tables should not be tab or space delineated and should not include colored text or shading, but embedded graphics with color are OK.

Do not use paragraph returns to separate data within a cell.

Tables should include a title, and footnotes and/or legends should be concise.

Table titles may not contain parenthetical information, reference citations, or footnote citations.

Use superscripted lowercase letters (beginning with “a”) for footnotes in tables. Do not use numbers or symbols.

Tables must be numbered as Table 1, Table 2, Table 3, etc., rather than as Table 1a, Table 1b, Table 1c, etc.

If italic font is used within a table to indicate some feature of the data, an explanation of its meaning must be given in the table legend. Bold text may not be used in tables.

If a referenced paper or study is mentioned within a table, it must be included in the references list and must be followed by its appropriate citation number (e.g., “Author et al.¹”) within the table.

All abbreviations within a table must be defined in the table legend or footnotes.

Permissions

Please provide proof of permission to include any work cited as “personal communication.” This may be in the form of an email communication, letter, or other appropriate form of permission.

For figures that have been reprinted from an outside source, please provide proof of permission for their use.