

# Concise, descriptive title in sentence case

## Abstract

Provide a single paragraph (<160 words) accessible to a broad audience. Avoid citations and include a brief problem statement, key approach, primary findings, and a short concluding sentence.

## One-sentence summary

Single-sentence summary under 130 characters.

**Keywords:** keyword one, keyword two, keyword three

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Single-sentence summary under 130 characters.

## Author notes

- Asterisk (\*) marks the corresponding author and should match the e-mail in the author block.
- Use symbols (†, ‡, §, ||, ¶, #, ††, ‡‡) for notes such as equal contribution or present address.

## Abstract

Replace this paragraph with your abstract. Keep it under 160 words and avoid citations.

## Introduction

Outline the background and the question or problem being addressed. Keep the narrative accessible to a multidisciplinary reader.

## Results

Describe the core findings in logical order. Cite figures and tables inline (for example, “Fig. 1” or “Table 2”).

## Discussion

Interpret the results, highlight limitations, and connect to prior work without restating the Results section.

## Materials and Methods

Provide enough detail for reproducibility. Include statistical tests, sample sizes, number of replicates, and any preregistration identifiers when applicable.

## References

Citations follow Science Advances style via the CSL file. Ensure entries appear in the order cited.

## Acknowledgments

List any individuals who contributed but are not authors.

## Funding

Specify funding sources and grant numbers.

## Author contributions

Describe contributions using CRediT-style roles (for example, “Conceptualization: JR, TC; Investigation: JR; Writing – original draft: JR; Writing – review & editing: JR, TC”).

## Competing interests

Disclose any financial or personal relationships that could influence the work. State “The authors declare that they have no competing interests” if none exist.

## Data and materials availability

Detail where data, code, and materials can be accessed (with DOIs or repository links) and any restrictions.

## Supplementary Materials

List the sections and figures included in the companion Supplementary Materials PDF. Example:

- Materials and Methods
- Fig. S1 to S5
- Table S1 to S3
- References (61–75)