Manuscript Title

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Graphical abstract (only required with the final submission)

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 5.5ⅹ5.5 inches in dimension, 650ⅹ500 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 method was used, 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

Keyword one; Keyword two; Keyword three…(Please provide 3 to 8 keywords that can be used for indexing purposes.)

1 Introduction[[1]](#footnote-1)

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

3 Results and discussion

The results section may contain subheadings.

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3.1 Subheading 1, Level 1 (optional/encouraged)

 If supplying the supplementary material, the text must make specific mention of the material as a citation, similar to that of figures and tables. For example, “…(See Supporting Information Fig. S1 and Table S1**)**”**.**

3.1.1 Subheading 2, Level 2 (optional)

4 Conclusions

Supporting information (if applicable)

This section should briefly list what types of data are included in the supplemental information. For example, " The supporting information for this article can be found online at https:// doi.org/10.52396/JUSTC-xxxx-xxxx. The supporting information includes four figures and two tables. The characterization of all new compounds is provided in the supporting information."

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.

Acknowledgments (if applicable)

The authors wish to acknowledge Professor ABC for his helpful discussions regarding the experimental design. This work was supported by the National Natural Science Foundation of China (Grant Number 1235678).

Conflict of interest (required)

Disclose any conflicts of interest. If no conflicts of interest exist, please include the following statement: The authors declare that they have no conflict of interest.

**Biographies**

First\_Name\_1 Middle\_Name\_1/Initial\_1 (optional) Last\_Name\_1 received his Ph.D. degree in Chemistry from the University of ABC in 2021. He is currently a postdoctoral fellow at the School of DEF, University of ABC. His research mainly focuses on electrocatalysis.

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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:

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[1] Hu H Y, Chen S J, Mandal M, et al. Copper-catalysed benzylic C–H coupling with alcohols via radical relay enabled by redox buffering. *Nature Catalysis*, **2020**, *3*(4): 358-367.

*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://eospso.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**.

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All figures must be mentioned in the text by their numbers. 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.

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