

Article

# Example article title

Firstname Lastname<sup>1</sup>, Firstname Lastname<sup>2</sup> and Firstname Lastname<sup>1,\*</sup> 

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**Abstract:** Please provide an abstract of no more than 300 words. Your abstract should explain the main contributions of your article, and should not contain any material that is not included in the main text.

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## 1. Introduction

Your introduction goes here! Some examples of commonly used commands and features are listed below, to help you get started.

## 2. Methods and Materials

Guidelines can be included for standard research article sections, such as this one.

## 3. Some $\text{\LaTeX}$ Examples

Use section and subsection commands to organize your document.  $\text{\LaTeX}$  handles all the formatting and numbering automatically. Use `ref` and `label` commands for cross-references.

### 3.1. Figures and Tables

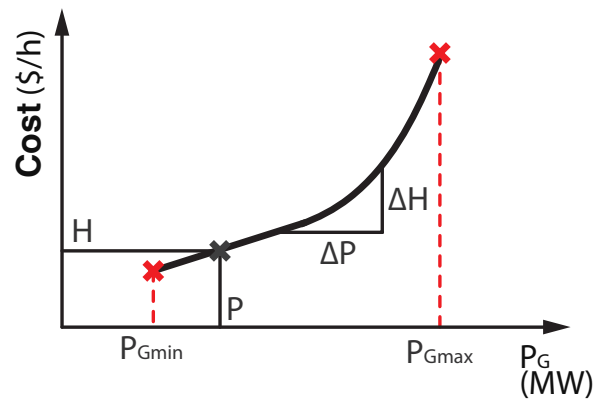
Use the `table` and `tabular` commands for basic tables — see [Table 1](#), for example. You can upload a figure (JPEG, PNG or PDF) using the project menu. To include it in your document, use the `includegraphics` command as in the code for [Figure 1](#) below.

Item	Quantity
Candles	4
Fork handles	3

**Table 1.** An example table.

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**Figure 1.** An example figure.

### 3.2. Citations

LaTeX formats citations and references automatically using the bibliography records in your .bib file, which you can edit via the project menu. Use the cite command for an inline citation, like [1]. For an inline citation of multiple references, include all in the cite command, like [1, 2].

### 3.3. Mathematics

LaTeX is great at typesetting mathematics. Let  $X_1, X_2, \dots, X_n$  be a sequence of independent and identically distributed random variables with  $E[X_i] = \mu$  and  $\text{Var}[X_i] = \sigma^2 < \infty$ , and let

$$S_n = \frac{X_1 + X_2 + \dots + X_n}{n} = \frac{1}{n} \sum_i^n X_i, \quad (1)$$

denote their mean. Then as  $n$  approaches infinity, the random variables  $\sqrt{n}(S_n - \mu)$  converge in distribution to a normal  $\mathcal{N}(0, \sigma^2)$ . The text following an equation need not be a new paragraph. Please punctuate equations as regular text.

### 3.4. Lists

You can make lists with automatic numbering ...

1. Like this,
2. and like this.

... or bullet points ...

- Like this,
- and like this.

... or with words and descriptions ...

**Word** Definition

**Concept** Explanation

**Idea** Text

## 4. Conclusions

Concisely restate the hypothesis and most important findings. Summarize the major findings, contributions to existing knowledge, and limitations. What are the future directions?

## Acknowledgments

Additional information can be given in the template, such as to not include funder information in the acknowledgments section.

**Funding:** Please add: “This research received no external funding” or “This research was funded by NAME OF FUNDER grant number XXX.”

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For research articles with several authors, a short paragraph specifying their individual contributions must be provided. The following statements should be used "Conceptualization, A.A. and Y.Y.; Methodology, X.X.; Software, X.X.; Validation, X.X., Y.Y. and Z.Z.; Formal Analysis, X.X.; Investigation, X.X.; Resources, X.X.; Data Curation, X.X.; Writing – Original Draft Preparation, X.X.; Writing – Review & Editing, X.X.; Visualization, X.X.; Supervision, X.X.; Project Administration, X.X.; Funding Acquisition, Y.Y.". For more information, please see the CRediT taxonomy website: <https://credit.niso.org/>.

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## References

- [1] Luis Fernando Grisales-Noreña, Oscar Daniel Garzón-Rivera, Jauder Alexander Ocampo-Toro, Carlos Andres Ramos-Paja, and Miguel Angel Rodriguez-Cabal. Metaheuristic Optimization Methods for Optimal Power Flow Analysis in DC Distribution Networks. *Transactions on Energy Systems and Engineering Applications*, 1(1):13–31, 2020.
- [2] S Dhivya and R Arul. Demand side management studies on distributed energy resources: A survey. *Transactions on Energy Systems and Engineering Applications*, 2(1):17–31, 2021.