

Github Collaborator Recommendation Using

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Please provide an abstract of no more than 250 words in a single paragraph. Abstracts should explain to the general reader the major contributions of the article. References in the abstract must be cited in full within the abstract itself and cited in the text.

Keyword 1 | Keyword 2 | Keyword 3 | ...

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Manuscript Length. A standard 6-page article is approximately 4,000 words, 50 references, and 4 medium-size graphical elements (i.e., figures and tables). There is no page limit on the optional supplemental material.

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Digital Figures. Make sure that your figures are of high enough resolution to show up nicely in the document. EPS and high-resolution PDF are usually best, but representations in JPG and PNG can also be used.

Numbers, letters, and symbols in figures should be large enough to be easily readable within the document. This includes axis labels.

Figures and tables should be labelled and referenced in the standard way using the `\label{}` and `\ref{}` commands.

Figure 1 shows an example of how to insert a column-wide figure. To insert a figure wider than one column, please use the `\begin{figure*}...\end{figure*}` environment. Figures wider than one column should be sized to 11.4 cm or 17.8 cm wide. Use `\begin{SCfigure*}...\end{SCfigure*}` for a wide figure with side legends.

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Fig. 1. Placeholder image of a frog with a long example legend to show justification setting.

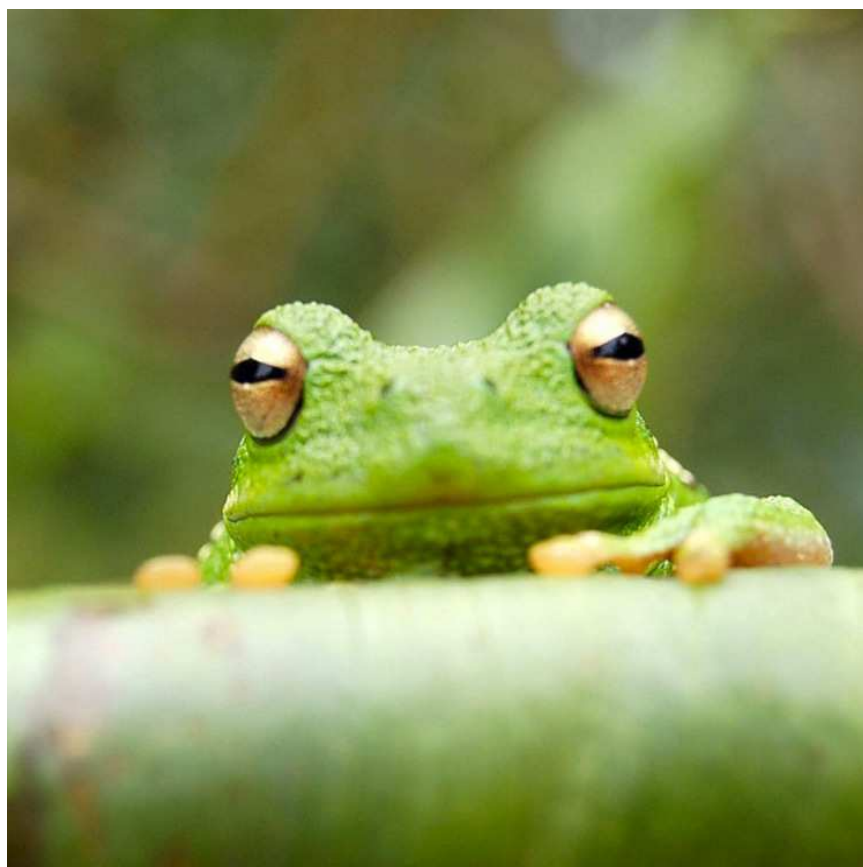


Fig. 2. This legend would be placed at the side of the figure, rather than below it.

Table 1. Comparison of the fitted potential energy surfaces and ab initio benchmark electronic energy calculations

Species	CBS	CV	G3
1. Acetaldehyde	0.0	0.0	0.0
2. Vinyl alcohol	9.1	9.6	13.5
3. Hydroxyethylidene	50.8	51.2	54.0

nomenclature for the TSs refers to the numbered species in the table.

Tables. Tables can be included in the main manuscript file, if desired.

Single column equations. Here is an equation with equation numbering:

$$(x + y)^3 = (x + y)(x + y)^2, \tag{1}$$

and here is a multi-line equation where only one equation is numbered:

$$\begin{aligned} (x + y)^3 &= (x + y)(x + y)^2 \\ &= (x + y)(x^2 + 2xy + y^2) \\ &= x^3 + 3x^2y + 3xy^2 + x^3. \end{aligned} \tag{2}$$

Please refer to your equations (e.g., Eq. (1) and Eq. (2)).

Supporting Information Appendix (SI). Authors may submit SI as a single separate SI Appendix PDF file, with combined text, figures, tables, and SI references. This does not have to follow any special formatting (e.g., you can use the standard LaTeX article class).

Authors who place detailed materials and methods in an SI Appendix must provide sufficient detail in the main text methods to enable a reader to follow the logic of the procedures and results and also must reference the SI methods.

SI Datasets. Supply .xlsx, .csv, .txt, .rtf, or .pdf files.

ACKNOWLEDGMENTS. If you wish, you can include any acknowledgments here, set in a single paragraph.

1. M Belkin, P Niyogi, Using manifold structure for partially labeled classification in *Advances in neural information processing systems*, pp. 929–936 (2002).
2. P Bérard, G Besson, S Gallot, Embedding riemannian manifolds by their heat kernel. *Geom. & Funct. Analysis GAFA* **4**, 373–398 (1994).
3. RR Coifman, et al., Geometric diffusions as a tool for harmonic analysis and structure definition of data: Diffusion maps. *Proc. Natl. Acad. Sci. United States Am.* **102**, 7426–7431 (2005).