

Document Title

First Author,[†] Second Author,[†] Third Author,[‡] and Xiaosong Li^{*,†}

Department of Chemistry, University of Washington, Seattle, WA, 98195, and Gaussian Inc., 340 Quinnipiac St, Bldg 40, Wallingford, CT, USA 06492

E-mail: li@chem.washington.edu

Abstract

Enter abstract text here.

Introduction

Type introduction here. Insert references as such.¹⁻⁸

Methodology

Type methods here.

Results and Discussion

Present results and type discussion here.

^{*}To whom correspondence should be addressed

[†]University of Washington

[‡]Gaussian Inc

Conclusion

Type conclusion here.

Acknowledgement

This work was supported by AGENCY. Additional support from AGENCY, AGENCY, and the University of Washington Student Technology Fund is gratefully acknowledged.

Supporting Information Available

This will usually read something like: “Experimental procedures and characterization data for all new compounds. The class will automatically add a sentence pointing to the information on-line: This material is available free of charge via the Internet at <http://pubs.acs.org/>.

References

- (1) Nguyen, P.; Ding, F.; Fischer, S. A.; Liang, W.; Li, X. *J. Phys. Chem. Lett.* **2012**, *3*, 2898–2904.
- (2) Ding, F.; Chapman, C. T.; Liang, W.; Li, X. *J. Chem. Phys.* **2012**, *137*, 22A512.
- (3) May, J. W.; McMorris, R. J.; Li, X. *J. Phys. Chem. Lett.* **2012**, *3*, 1374–1380.
- (4) Peng, B.; Liang, W.; White, M. A.; Gamelin, D. R.; Li, X. *J. Phys. Chem. C* **2012**, *116*, 11223–11231.
- (5) Fischer, S. A.; Chapman, C. T.; Li, X. *J. Chem. Phys.* **2011**, *135*, 144102.
- (6) Chapman, C. T.; Liang, W.; Li, X. *J. Chem. Phys.* **2011**, *134*, 024118.
- (7) Li, X.; Frisch, M. J. *J. Chem. Theor. Comput.* **2006**, *2*, 835–839.
- (8) Frisch, M. J.; Trucks, G. W.; Schlegel, H. B.; Scuseria, G. E.; Robb, M. A.; Cheeseman, J. R.; Scalmani, G.; Barone, V.; Mennucci, B.; Petersson, G. A.; Nakatsuji, H.; Caricato, M.; Li, X.; Hratchian, H. P.; Izmaylov, A. F.; Bloino, J.; Zheng, G.; Sonnenberg, J. L.; Liang, W.; Hada, M.; Ehara, M.; Toyota, K.; Fukuda, R.; Hasegawa, J.; Ishida, M.; Nakajima, T.; Honda, Y.; Kitao, O.; Nakai, H.; Vreven, T.; J. A. Montgomery, J.; Peralta, J. E.; Ogliaro, F.; Bearpark, M.; Heyd, J. J.; Brothers, E.; Kudin, K. N.; Staroverov, V. N.; Keith, T.; Kobayashi, R.; Normand, J.; Raghavachari, K.; Rendell, A.; Burant, J. C.; Iyengar, S. S.; Tomasi, J.; Cossi, M.; Rega, N.; Millam, J. M.; Klene, M.; Knox, J. E.; Cross, J. B.; Bakken, V.; Adamo, C.; Jaramillo, J.; Gomperts, R.; Stratmann, R. E.; Yazyev, O.; Austin, A. J.; Cammi, R.; Pomelli, C.; Ochterski, J. W.; Martin, R. L.; Morokuma, K.; Zakrzewski, V. G.; Voth, G. A.; Salvador, P.; Dannenberg, J. J.; Dapprich, S.; Parandekar, P. V.; Mayhall, N. J.; Daniels, A. D.; Farkas, O.; Foresman, J. B.; Ortiz, J. V.; Cioslowski, J.; ;

Fox, D. J. Gaussian Development Version Revision H.21. Gaussian Inc., Wallingford CT
2012.

Floats: Figures and Tables

This section provides examples of inserting figures, subfigures, text-wrapped figures, and tables using the caption and subcaption packages.

Single Figure Example



Figure 1. Example of a single figure. Control over the formatting of single figures may be done using the caption package.

Subfigure Example



Figure 2.1. First panel of subfigure.



Figure 2.2. Second panel of subfigure.



Figure 2.3. Third panel of subfigure.

Wrapped Figure Example

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque congue nunc a augue mattis at pellentesque neque ultrices. Fusce dictum, sem nec semper vestibulum, sem odio malesuada libero, ut aliquet nibh mauris in sapien. Suspendisse congue erat at lorem placerat vel dictum nisi fringilla. Nam ligula lectus, ornare id mattis vitae, ornare quis arcu.

Nulla facilisi. Duis commodo lorem lacinia odio tristique porttitor.



Figure 3. Example of a wrapped figure.

Quisque posuere libero ut nisl pellentesque in aliquam nunc venenatis. Praesent scelerisque mattis interdum. Ut massa enim, bibendum vitae semper at, accumsan vel magna. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Nunc

blandit urna id lorem aliquet cursus. Nunc diam lectus, commodo sit amet consectetur eu, mollis id purus. Morbi dolor ante, vulputate eu ultricies non, consequat in sapien.

Table 1. Values for journal option

<i>Journal</i>	<i>Setting</i>
<i>ACS Chem. Biol.</i>	acbcct
<i>ACS Catal.</i>	accacs
<i>Acc. Chem. Res.</i>	achre4
<i>ACS Chem. Neurosci.</i>	acncdm
<i>ACS Combinatorial Sci.</i>	acscce
<i>ACS Med. Chem. Lett.</i>	amclct
<i>ACS Nano</i>	ancac3
<i>Anal. Chem.</i>	ancham
<i>Biochemistry</i>	bichaw
<i>Bioconjugate Chem.</i>	bcches
<i>Biomacromolecules</i>	bomaf6
<i>Biotechnol. Prog.</i>	bipret
<i>Chem. Res. Toxicol.</i>	crtoec
<i>Chem. Rev.</i>	chreay
<i>Chem. Mater.</i>	cmatex
<i>Cryst. Growth Des.</i>	cgdefu
<i>Energy Fuels</i>	enfueu
<i>Environ. Sci. Technol.</i>	esthag
<i>Ind. Eng. Chem. Res.</i>	iecred
<i>Inorg. Chem.</i>	inoraj
<i>J. Agric. Food Chem.</i>	jafcau
<i>J. Chem. Eng. Data</i>	jceaax
<i>J. Chem. Ed.</i>	jceda8
<i>J. Chem. Inf. Model.</i>	jcisd8
<i>J. Chem. Theory Comput.</i>	jctcce
<i>J. Med. Chem.</i>	jmcmar
<i>J. Nat. Prod.</i>	jnpddf
<i>J. Org. Chem.</i>	joceah
<i>J. Phys. Chem. A</i>	jpcafh
<i>J. Phys. Chem. B</i>	jpcbfk
<i>J. Phys. Chem. C</i>	jpccck
<i>J. Phys. Chem. Lett.</i>	jpclcd
<i>J. Proteome Res.</i>	jprobs
<i>J. Am. Chem. Soc.</i>	jacsat
<i>Langmuir</i>	langd5
<i>Macromolecules</i>	mamobx
<i>Mol. Pharm.</i>	mpohbp
<i>Nano Lett.</i>	nalefd
<i>Org. Lett.</i>	orlef7
<i>Org. Proc. Res. Dev.</i>	oprdfk
<i>Organometallics</i>	orgnd7

Graphical TOC Entry

Some journals require a graphical entry for the Table of Contents. This should be laid out "print ready" so that the sizing of the text is correct.

Inside the `tocentry` environment, the font used is Helvetica 8pt, as required by *Journal of the American Chemical Society*.

The surrounding frame is 9 cm by 3.5 cm, which is the maximum permitted for *Journal of the American Chemical Society* graphical table of content entries. The box will not resize if the content is too big: instead it will overflow the edge of the box.

This box and the associated title will always be printed on a separate page at the end of the document.