Document Title

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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.

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Conclusion

Type conclusion here.

Acknowledgement

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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

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Figure 3. Example of a wrapped figure.

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Table 1. Values for `journal` option

Journal	Setting	*Journal*	Setting
ACS Appl. Mater. Interfaces	`aamick`	*Ind. Eng. Chem. Res.*	`iecred`
ACS Chem. Biol.	`acbcct`	*Inorg. Chem.*	`inoraj`
ACS Catal.	`accacs`	*J. Agric. Food Chem.*	`jafcau`
Acc. Chem. Res.	`achre4`	*J. Chem. Eng. Data*	`jceaax`
ACS Chem. Neurosci.	`acncdm`	*J. Chem. Ed.*	`jceda8`
ACS Combinatorial Sci.	`acsccc`	*J. Chem. Inf. Model.*	`jcisd8`
ACS Macro Lett.	`amlccd`	*J. Chem. Theory Comput.*	`jctcce`
ACS Med. Chem. Lett.	`amclct`	*J. Med. Chem.*	`jmcmar`
ACS Nano	`ancac3`	*J. Nat. Prod.*	`jnprdf`
ACS Photon.	`apchd5`	*J. Org. Chem.*	`joceah`
ACS Sustainable Chem. Eng.	`ascecg`	*J. Phys. Chem. A*	`jpcafh`
ACS Synth. Biol.	`asbcd6`	*J. Phys. Chem. B*	`jpcbfk`
Anal. Chem.	`ancham`	*J. Phys. Chem. C*	`jpccck`
Biochemistry	`bichaw`	*J. Phys. Chem. Lett.*	`jpclcd`
Bioconjugate Chem.	`bcches`	*J. Proteome Res.*	`jprobs`
Biomacromolecules	`bomaf6`	*J. Am. Chem. Soc.*	`jacsat`
Biotechnol. Prog.	`bipret`	*Langmuir*	`langd5`
Chem. Res. Toxicol.	`crtoec`	*Macromolecules*	`mamobx`
Chem. Rev.	`chreay`	*Mol. Pharm.*	`mpohbp`
Chem. Mater.	`cmatex`	*Nano Lett.*	`nalefd`
Cryst. Growth Des.	`cgdefu`	*Org. Lett.*	`orlef7`
Energy Fuels	`enfuem`	*Org. Proc. Res. Dev.*	`oprdfk`
Environ. Sci. Technol.	`esthag`	*Organometallics*	`orgnd7`
Environ. Sci. Technol. Lett.	`estlcu`		

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