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C₂F₆O₂S₂ CF ₃ SO ₂ SCF ₃	Trifluoromethanesulfonothioic acid trifluoromethyl ester Structure by ED and ab initio calculations S. L. Masters, D. A. Wann, H. E. Robertson, D. W. H. Rankin, A. Ben Altabef <i>et al.</i> Manuscript in preparation
C₂H₁₀B₁₀I₂	9,12-Diiodo-1,2-dicarbadoecaborane(12) Structure by GED and computations Y. V. Vishnevskiy, D. S. Tikhonov, C. G. Reuter, N. W. Mitzel, D. Hnyk, J. Holub, D. A. Wann, P. D. Lane, R. J. F. Berger, and S. A. Hayes Inorg. Chem., 54 (2015) 11868
C₆H₁₂F₆Si₂ CF ₃ Me ₂ SiSiMe ₂ CF ₃	1,2-Bis(trifluoromethyl)-1,1,2,2-tetramethyldisilane Structure by ED, X-ray diffraction and ab initio calculations, interpretation of Raman spectra S. L. Masters, H. E. Robertson, D. A. Wann, M. Hölbling, K. Hassler, R. Bjornsson, S. Ó. Wallevik, and I. Arnason J. Phys. Chem. A, 119 (2015) 1600
C₁₁H₃₀Br₂Si₄ C(SiMe ₃) ₂ (SiMe ₂ Br) ₂	Bis(bromodimethylsilyl)bis(trimethylsilyl)methane Structure by ED and computational methods D. A. Wann, M. S. Robinson, K. Bätz, S. L. Masters, A. G. Avent, and P. D. Lickiss J. Phys. Chem. A, 119 (2015) 786
C₁₁H₃₀Cl₂Si₄ (Me ₃ Si) ₂ C(SiClMe ₂) ₂	Bis(chlorodimethylsilyl)bis(trimethylsilyl)methane Structure by ED and computational methods D. A. Wann, M. S. Robinson, K. Bätz, S. L. Masters, A. G. Avent, and P. D. Lickiss J. Phys. Chem. A, 119 (2015) 786
C₁₁H₃₂Si₄ C(SiMe ₃) ₂ (SiMe ₂ H) ₂	Bis(dimethylsilyl)bis(trimethylsilyl)methane Structure by ED and computational methods D. A. Wann, M. S. Robinson, K. Bätz, S. L. Masters, A. G. Avent, and P. D. Lickiss J. Phys. Chem. A, 119 (2015) 786
	Molecular structures of free boron clusters Book chapter describing computational and experimental studies of borane and gallane clusters D. Hnyk and D. A. Wann Challenges and Advances in Computational Chemistry and Physics, Vol. 20: Boron – The Fifth Element, D. Hnyk and M. McKee (eds), Springer, 2016
	Diheteroboranes A computational analysis of the apparent nido vs. hypho conflict: are we dealing with six- or eight-vertex open-face diheteroboranes? J. P. F. Nunes, J. Holub, D. W. H. Rankin, D. A. Wann, and D. Hnyk Dalton Trans., 44 (2015) 11819
	Apparatus development York time-averaged electron diffractometer

	<p><i>M. H. P. Ardebili, R. S. Fender, M. A. D. Fluendy, S. A. Hayes, P. D. Lane, S. L. Masters, R. J. Mawhorter, J. P. F. Nunes, P. Papathomas, D. W. H. Rankin, C. D. Rankine, D. A. Wann, and S. Young</i> Manuscript in preparation</p>
	<p>Apparatus development Simulations of the temporal and spatial resolution for a compact time-resolved electron diffractometer <i>M. S. Robinson, P. D. Lane, and D. A. Wann</i> <i>J. Phys. B: At. Mol. Opt. Phys.</i>, (2016), in press</p>
	<p>Apparatus development A compact electron gun for time-resolved electron diffraction <i>M. S. Robinson, P. D. Lane, and D. A. Wann</i> <i>Rev. Sci. Instrum.</i>, 86 (2015) 013109</p>