

Prof. Dr. James E. Boggs
Department of Chemistry

The University of Texas
Austin, Texas 78712,
U.S.A.

Telephone: (+1) (512) - 466 - 9145
Telefax: (+1) (512) - 471 - 8696
E-Mail: james.boggs@mail.utexas.edu
Homepage:

C₃H₂ClF₅O	1-Chloro-2,2,2-trifluoroethyl difluoromethyl ether (Isoflurane) Microwave spectra, structure, NBO analysis of the anesthetic isoflurane <i>A. Lesarri, A. Vega-Toribio, R. D. Suenram, D. J. Brugh, D. Nori-Shargh, J. E. Boggs, and J.-U. Grabow</i> Phys. Chem. Chem. Phys., 13 (2011), 6610
C₄F₄	Tetrafluorocyclobutadiene Pseudo Jahn-Teller origin of non-planarity and rectangular ring structure <i>Y. Liu, I. Bersuker, P. Garcia-Fernandez, and J. E. Boggs</i> J. Comp. Theoret. Chem., submitted
	trans-2,3- and trans-2,5-dihalo-1,4-dithianes NBO interpretation of conformational behavior <i>D. Nori-Shargh and J. E. Boggs</i> J. Phys. Org Chem., 24 (2011), 212
	1,2-Dihaloethanes NBO interpretation of conformational behavior <i>D. Nori-Shargh and J. E. Boggs</i> Struct. Chem., 22 (2011), 253
	Diborane, tetramethyldiborane, tetrafluorodiborane NBO interpretation of conformational behavior <i>D. Nori-Shargh and J. E. Boggs</i> Asian J. Spectr., Special issue (2010), 49
	Diazine, ethylene, tetrazene, azobenzene and general treatment Pseudo Jahn-Teller treatment of systems with double bonds <i>P. Garcia-Fernandez, Y. Liu, I. Bersuker, J. E. Boggs</i> Phys. Chem. Chem. Phys., 13 (2011), 3502