I. Refereed Journal, Preprints and Book Chapter Publications


II. Non-Refereed Contributions, Reports and Presentations at Conferences*

• Y. Li and J.B. Lagowski, “Charge Carrier Mobility in Conjugated Organic Polymers - A Multi-Step Computational Approach,” APS March Meeting, Dallas, Texas (March 2011).
- D. Pavel and J.B. Lagowski, final technical report submitted to Y. Tao, IMS, NRC summarizing our computational contributions to the CRTI project entitled “Computationally Designed Molecularly Imprinted Monomers and Polymers,” (March 2005).
- D. Pavel and J.B. Lagowski, final (end of the year) technical report submitted to K. Faid, IMS, NRC summarizing our computational contributions to the CRTI project entitled “Computationally Designed Molecularly Imprinted Monomers and Polymers,” (January 2005).
- J.B. Lagowski, “Electronic Properties of Conducting Polymers and Oligomers,” Memorial Symposium on Molecular Informatics, Modelling and Simulations, St. John’s, Newfoundland (June 23, 2004).

- **D. Chakraborty** and J.B. Lagowski, “Ab Initio Investigation of Excitation Energies of Thiophene, Cyclopentadiene and Fulvene based \( \pi \)-Conjugated Polymers,” CAP Congress, Toronto (June 2000).


- **A.V. Raja** and J.B. Lagowski, “Bonding in Thionylphosphazene Systems: Comparison of the Electronic Structures of Long, Short and Cyclic Mimics of Compounds of Type \( S(OX)(R_2PN)_2 \),” 79th CSC Conference, St, John’s, Newfoundland (June 1996).


- **J.B. Lagowski** and A.V. Raja, “Correlating Single Chain Flexibility with Glass Transition Temperatures in Polyphosphazenes,” CAP Congress, Quebec, Quebec (June 1995).

- W. Li and J.B. Lagowski, “Ab Initio Study of the Structure of the Phospholipid Headgroups,” CAP Congress, Quebec, Quebec (June 1995).


*Bold–faced names indicate the presenter.*