

## **Peer-Reviewed Journal Articles and Book Chapters**

**Belford, R.E.**, Moore, J.W., Pence, H.E., Enhancing Learning with Online Resources, Social Networking and Digital Libraries, ACS Symposium Series Books; American Chemical Society: Washington D.C., Chapter 1, pp1-19, Vol. 1060, Dec. 14 2010.

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Bauer, M.A., **Belford, R.E.**, Ding, J., & Berleant, D., ISDB: Interactive Sentence Database, BMC Research Notes, 2010, 3:122. doi:10.1186/1756-0500-3-122.

**Ghosh, A.**; Ramidi, P.; Pulla, S.; Sullivan, S.; Collom, S.; Gartia, Y.; Munshi, P.; Biris, A.; Noll, B.; **Berry, B.C.**, "Cycloaddition of CO<sub>2</sub> to Epoxides Using a Highly Active Co(III) Complex of Tetraamidomacrocyclic Ligand", *Catalysis Letters*, 2010, 137, 1.

Sohn, K.E.; Kojio, K.; **Berry, B.C.**; Karim, A.; Coffin, R.C.; Bazan, G.C.; Kramer, E.J.; Sprung, M.; Wang, J., "Surface Effects on the Thin Film Morphology of Block Copolymers with Bulk Order-Order Transitions", *Macromolecules*, 2010, 43(7), 3406.

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William O. Griffin and **Jerry A. Darsey**. "Bulk Metallic System Modeling of Metal Hydride Dimer and Trimer nanoclusters". *Journal of Computational and Theoretical Nanoscience*, Vol. 7, Iss.1-6, 1114-1119, 2010.

William O. Griffin, Josh Hanna, Svetlana Razorilova, Mikhael Kitaev, Avtandiil Alisherov, **Jerry A. Darsey**, and Olga Tarasenko. "An Artificial Neural Network Evaluation of Tuberculosis Using Genetic and Physiological Patient Data". *AIP Conference Proceedings*, Vol 1229, 49-53, 2010.

Sushma Thotakura, **Jerry A. Darsey**, "Modeling studies of Geldanamycin and similar compounds to treat Parkinson's disease, In *BMC Bioinformatics*", In *Proceedings of the Seventh Annual Conference of the Mid-South Computational Biology and Bioinformatics Society (MCBIOS)*, February 19-20, 2010.

Pierre Alusta<sup>1,2</sup>, Inessa Im<sup>3</sup>, Bruce Pearce<sup>2</sup>, Richard Beger<sup>2</sup>, Ryan Kretzer<sup>4</sup>, Dan Buzatu<sup>2</sup>, Jon Wilkes<sup>2</sup> and **Jerry A. Darsey**<sup>1,2,5</sup>; "Improving Proton MR Spectroscopy of Brain Tissue for Non-Invasive Diagnostics"; *Journal of Magnetic Resonance Imaging (JMRI)* 09-0857.R1), DOI: 10.1002/jmri.22332.

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### **Papers in Press**

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W. J. Khudhayar, N. Kariuki, D. Myers, **A. U. Shaikh**, and T. Karabacak; “Glancing angle deposited platinum nanorod arrays for oxygen reduction reaction”; accepted in J. Material Research Society.

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