***Refereed Journal Articles***

Alicia N. Massa, Joseph J. Coombs, Kimberly J. Felcher, Daniel G. Zarka, Norma C. Manrique-Carpintero, William W. Kirk, Anne E. Lund and David S. Douches. 2015.  "Genetic Linkage Mapping of Economically Important Traits in Cultivated Tetraploid Potato (*Solanum tuberosum* L.)." G3: Genes| Genomes| Genetics (2015): g3-115.

Bamberg, J., Moehninsi, R. Navarre, and J. Suriano. 2015. Variation for Tuber Greening in the Diploid Wild Potato *Solanum microdontum*. American Journal of Potato Research 92:435-443.

Hardigan, M., J Bamberg, C Robin Buell and D Douches. 2015. Taxonomy and genetic differentiation among wild and cultivated germplasm of Solanum sect. Petota. The Plant Genome. 8:1:16.

Bamberg, J., del Rio, A., Coombs, J., & Douches, D. (2015). Assessing SNPs Versus RAPDs for Predicting Heterogeneity and Screening Efficiency in Wild Potato Species. [American Journal of Potato Research, 1-8.](http://potatobg.css.msu.edu/Publications/Journal%20Publications/assessingSNPs2015.pdf)

Campbell, M., Suttle, J., Douches, D. S., & Buell, C. R. (2014). Treatment of potato tubers with the synthetic cytokinin 1-(α-ethylbenzyl)-3-nitroguanidine results in rapid termination of endodormancy and induction of transcripts associated with cell proliferation and growth. [Functional & integrative genomics, 14(4), 789-799](http://potatobg.css.msu.edu/Publications/Journal%20Publications/cytokinin2014.pdf).

Norma C. Manrique-Carpintero, Joseph J. Coombs, Yuehua Cui, Richard E. Veilleux, C. Robin Buell, and David Douches. 2015. Genetic Map and Quantitative Trait Locus Analysis of Agronomic Traits in a Diploid Potato Population using Single Nucleotide Polymorphism Markers. doi:10.2135/cropsci2014.10.0745  
Crop Science 2015 55:2566-2579

Michael A. Hardigan, John Bamberg, C. Robin Buell, and David S. Douches. 2014. Taxonomy and Genetic Differentiation among Wild and Cultivated Germplasm of Solanum sect. Petota. The Plant Genome [doi:10.3835/plantgenome2014.06.0025](http://potatobg.css.msu.edu/Publications/Journal%20Publications/taxonomy2014.pdf)

Nathaniel M. Butler, Paul A. Atkins, Daniel F. Voytas, David S. Douches. 2015. Generation of targeted mutations in potato (*Solanum tuberosum* L.) using the CRISPR/Cas system. PLOS one, Published: December 14, 2015 DOI: 10.1371/journal.pone.0144591.