

## **Robbat Research Group Publications**

Optimizing targeted/untargeted metabolomics by automating gaschromatography/mass spectrometry (GC–GC/MS and GC/MS) workflows, Albert Robbat Jr., Nicole Kfoury, Eugene Baydakov, Yuriy Gankin, *Journal of Chromatography A*

Errors in alkylated polycyclic aromatic hydrocarbon and sulfur heterocycle concentrations caused by currently employed standardized methods, Nicholas M. Wilton, Stephen A. Wise, Albert Robbat Jr., *Analytica Chimica Acta*

A Biosurfactant/Polystyrene Polymer Partition System for Remediating Coal Tar-Contaminated Sediment, Nicholas M. Wilton, Christian D. Zeigler, Riccardo Leardi & Albert Robbat Jr. *Soil and Sediment Contamination: An International Journal*

Effects of Extreme Climate Events on Tea (*Camellia sinensis*) Functional Quality Validate Indigenous Farmer Knowledge and Sensory Preferences in Tropical China, S. Ahmed, J.R. Stepp, C. Orians, T. Griffin, C. Matyas, A. Robbat, S. Cash, D. Xue, C. Long, U. Unachukwu, S. Buckley, D. Small, E. Kennelly, *PlosOne*, Volume 9, Issue 10, page 1-13, October 2014.

Two-dimensional gas chromatography/mass spectrometry, physical property modeling and automated production of component maps to assess the weathering of pollutants, P.M. Antle, C.D. Zeigler, D.G. Livitz, A. Robbat, Jr. *J Chrom A* 1364, 223–233, 2014.

Retention Behavior of Alkylated Polycyclic Aromatic Sulfur Heterocycles on Immobilized Ionic Liquid Stationary Phases, P. M. Antle, C.D. Zeigler, and A. Robbat, Jr., *J Chrom A* 1361, 255-264, 2014.

Effects of Water Availability and Pest Pressures on Tea (*Camellia sinensis*) Growth and Functional Quality, S. Ahmed, C.M. Orians, T.S. Griffin, S. Buckley, U. Unachukwu, A.E. Stratton, J.R. Stepp, A. Robbat Jr., S. Cash, and E.J. Kennelly.

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Mass Spectra and Retention Indexes for Polycyclic Aromatic Sulfur Heterocycles and Some Alkylated Analogs, C. Zeigler, M. Schantz, S. Wise, A. Robbat, Jr., Polycyclic Aromatic Compounds, June 2012.

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Toward the Accurate Analysis of C1 to C4 Polycyclic Aromatic Sulfur Heterocycles, C. Zeigler, N. Wilton, A. Robbat, Jr., Analytical Chemistry, January 2012.

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