

Latest publications from the UC Davis Department of Viticulture & Enology as of 1/17/2018:

Mitchel M McCartney, Tatiana V Roubtsova, Mei S Yamaguchi, Takao Kasuga, Susan E Ebeler, Cristina E Davis, Richard M Bostock. [Effects of Phytophthora ramorum on volatile organic compound emissions of Rhododendron using gas chromatography–mass spectrometry](#). Analytical and bioanalytical chemistry, 1-13. 2017.

Joshua Godshaw, Helene Hopfer, Jenny Nelson, Susan E Ebeler. [Comparison of Dilution, Filtration, and Microwave Digestion Sample Pretreatments in Elemental Profiling of Wine by ICP-MS](#). Molecules 22 (10), 1609. 2017.

Elenor Castillo, Federico Martinelli, Florence Zakharov-Negre, Susan E Ebeler, Tom R Buzo, Michael V McKenry, Abhaya M Dandekar. [Effects of transgenic expression of Brevibacterium linens methionine gamma lyase \(MGL\) on accumulation of Tylenchulus semipenetrans and key aminoacid contents in Carrizo citrange](#). Plant molecular biology 95 (4-5), 497-505. 2017.

Jacob Lahne, Hervé Abdi, Hildegard Heymann. [Rapid sensory profiles with DISTATIS and Barycentric Text Projection: an example with amari, bitter herbal liqueurs](#). Food Quality and Preference. 2018.

Emma Sherman, James F Harbertson, David R Greenwood, Silas G Villas-Bôas, Oliver Fiehn, Hildegard Heymann. [Reference samples guide variable selection for correlation of wine sensory and volatile profiling data](#). Food Chemistry. 2017.

Luca Brillante, Johann Martínez-Lüscher, S Kaan Kurtural. [Applied water and mechanical canopy management affect berry and wine phenolic and aroma composition of grapevine \(Vitis vinifera L., cv. Syrah\) in Central California](#). Scientia Horticulturae 227, 261-271. 2018.

Johann Martínez-Lüscher, Christopher Cody Lee Chen, Luca Brillante, Sahap Kaan Kurtural. [Partial Solar Radiation Exclusion with Color Shade Nets Reduces the Degradation of Organic Acids and Flavonoids of Grape Berry \(Vitis vinifera L.\)](#). Journal of agricultural and food chemistry 65 (49), 10693-10702. 2017.

Ryan A Davis, Devin A Rippner, Sven H Hausner, Sanjai J Parikh, Andrew J McElrone, Julie L Sutcliffe. [In Vivo Tracking of Copper-64 Radiolabeled Nanoparticles in Lactuca sativa](#). New Phytologist 217 (1), 117-126. 2018.

Thorsten Knipfer, Italo F Cuneo, J Mason Earles, Clarissa Reyes, Craig R Brodersen, Andrew J McElrone. [Storage compartments for capillary water rarely refill in an intact woody plant](#). Plant physiology 175 (4), 1649-1660. 2017.

Ryan A Davis, Devin A Rippner, Sven H Hausner, Sanjai J Parikh, Andrew J McElrone, Julie L Sutcliffe. [In Vivo Tracking of Copper-64 Radiolabeled Nanoparticles in Lactuca sativa](#). Environmental science & technology 51 (21), 12537-12546. 2017.

Ron C Runnebaum, Xiaoying Ouyang, Alexander S Katz, Stacey Ian Zones. [Delaminated zeolite catalyzed aromatic alkylation](#). US Patent 9,790,143. 2017.

Ryan Byrnes, Valerie Eviner, Ermias Kebreab, William Horwath, Louise Jackson, B Jenkins, Stephen Kaffka, Amber Kerr, Josette Lewis, F Mitloehner, J Mitchell, K Scow, K Steenwerth, Stephen Wheeler. [Review of research to inform California's climate scoping plan: Agriculture and working lands](#). California Agriculture 71 (3), 160-168. 2017.