

AMERICAN JOURNAL
of
ENOLOGY AND VITICULTURE

VOLUME 67 **2016** NUMBER 3

CONTENTS

Research Articles

- Effects of Vineyard and Winemaking Practices Impacting Berry Size on Evolution of Phenolics during Winemaking
L.F. Casassa, R.C. Larsen, and J.F. Harbertson **257 - 268**
- Impact of Undervine Management on Vine Growth, Yield, Fruit Composition, and Wine Sensory Analyses in Cabernet franc
A. Karl, I.A. Merwin, M.G. Brown, R.A. Hervieux, and J.E. Vanden Heuvel **269 - 280**
- Under-Trellis Cover Crop and Rootstock Affect Growth, Yield Components, and Fruit Composition of Cabernet Sauvignon
C.C. Hickey, T.A. Hatch, J. Stallings, and T.K. Wolf **281 - 295**
- Impact of the [GAR⁺] Prion on Fermentation and Bacterial Community Composition with *Saccharomyces cerevisiae* UCD932
G.A. Walker, A. Hjelmeland, N.A. Bokulich, D.A. Mills, S.E. Ebeler, and L.F. Bisson **296 - 307**
- Evaluation of Energy Saving Using a New Yeast Combined with Temperature Management in Sparkling Base Wine Fermentation
V. Giovanzana, R. Beghi, P. Vagnoli, F. Iacono, R. Guidetti, and T. Nardi **308 - 314**
- Effect of Postharvest Defoliation on Carbon and Nitrogen Resources of High-Yielding Sauvignon blanc Grapevines
M.M. Greven, S.M. Neal, D.S. Tustin, H. Boldingh, J. Bennett, and M.C. Vasconcelos **315 - 326**
- Impacts and Interactions of Abscisic Acid and Gibberellic Acid on Sovereign Coronation and Skookum Seedless Table Grapes
A. Reynolds, N. Robbins, H.S. Lee, and E. Kotsaki **327 - 338**
- Climatic Niche Characterization of 13 North American *Vitis* Species
S.T. Callen, L.L. Klein, and A.J. Miller **339 - 349**

continued next page

Research Notes

Monitoring Volatile Aroma Compounds during Fermentation in a Chemically Defined Grape Juice Medium Deficient in Leucine
J.J. Haggerty, D.K. Taylor, and V. Jiranek **350 - 355**

Preveraison Water Deficit Accelerates Berry Color Change in Merlot Grapevines
J.C. Herrera and S.D. Castellarin **356 - 360**