

CONTENTS

Canopy Management and Enzyme Impacts on Merlot, Cabernet franc, and Cabernet Sauvignon.	
I. Yield and Berry Composition	
<i>F. Di Profio, A.G. Reynolds, and A. Kasimos</i>	139 - 151
Canopy Management and Enzyme Impacts on Merlot, Cabernet franc, and Cabernet Sauvignon.	
II. Wine Composition and Quality	
<i>F. Di Profio, A.G. Reynolds, and A. Kasimos</i>	152 - 168
Identification of Odor-Impact Compounds in Red Table Wines Produced from Frontenac Grapes	
<i>A.K. Mansfield, J.P. Schirle-Keller, and G.A. Reineccius</i>	169 - 176
<i>Cylindrocarpum</i> Species Associated with Black-Foot of Grapevine in Northeastern United States and Southeastern Canada	
<i>E. Petit, E. Barriault, K. Baumgartner, W.F. Wilcox, and P.E. Rolshausen</i>	177 - 183
Evaluation of Chemical and Natural Resistance Inducers against Downy Mildew (<i>Plasmopara viticola</i>) in Grapevine	
<i>A. Harm, H.H. Kassemeyer, T. Seibicke, and F. Regner</i>	184 - 192
Effects of Fruit-Zone Leaf Removal, Training Systems, and Irrigation on the Development of Grapevine Powdery Mildew	
<i>C.N. Austin and W.F. Wilcox</i>	193 - 198
Long-Term Effects of Mechanical Winter Pruning on Growth, Yield, and Grape Composition of Barbera Grapevines	
<i>M. Gatti, S. Civardi, F. Bernizzoni, and S. Poni</i>	199 - 206
Symptomatology and Effects of Viruses Associated with Rugose Wood Complex on the Growth of Four Different Rootstocks	
<i>C. Rosa, J.F. Jimenez, P. Margaria, and A. Rowhani</i>	207 - 213
Applying New Methods for Estimating in Vivo Vineyard Carbon Storage	
<i>K.E. Keightley</i>	214 - 218
Early Leaf Removal to Improve Vineyard Efficiency: Gas Exchange, Source-to-Sink Balance, and Reserve Storage Responses	
<i>A. Palliotti, M. Gatti, and S. Poni</i>	219 - 228
Spatial Distribution of Pierce's Disease Related to Incidence, Vineyard Characteristics, and Surrounding Land Uses	
<i>Y.L. Park, T.M. Perring, R.K. Krell, J.M. Hashim-Buckey, and B.L. Hill</i>	229 - 238
A Multivariate Clustering Approach for Characterization of the Montepulciano d'Abruzzo Colline Teramane Area	
<i>J.C. Herrera Nuñez, S. Ramazzotti, F. Stagnari, and M. Pisante</i>	239 - 244

Research Notes

Permeation of d₅-2,4,6-Trichloroanisole via Vapor Phase through Different Closures into Wine Bottles

P. Lopes, J. Marques, T. Lopes, J. Lino, J. Coelho, C. Alves, I. Roseira, A. Mendes, and M. Cabral245 - 249

Genetic Characterization of Old Slovenian Grapevine Varieties of *Vitis vinifera* L. by Microsatellite Genotyping

N. Štajner, D. Rusjan, Z. Korošec-Koruza, and B. Javornik250 - 255

Application of NIR-AOTF Spectroscopy to Monitor Aleatico Grape Dehydration for Passito Wine Production

A. Bellincontro, D. Cozzolino, and F. Mencarelli256 - 260