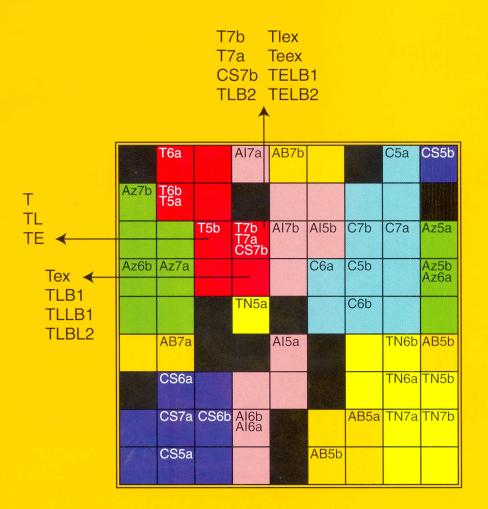
SSN 1322-7130



## 182

## AUSTRALIAN JOURNAL OF Grape and Wine Research

PUBLICATION OF THE AUSTRALIAN SOCIETY OF VITICULTURE AND OENOLOGY



Multivariate statistical approaches for wine classification based on low molecular weight phenolic compounds

## Australian Journal of Grape and Wine Research

Volume 18, Number 2, 2012

## Contents

Elevated temperature decouples anthocyanins and sugars in berries of Shiraz and Cabernet Franc <i>V.O. Sadras and M.A. Moran</i>
Influence of berry ripeness on concentration, qualitative composition and extractability of grape seed tannins
A.B. Bautista-Ortín, P. Rodríguez-Rodríguez, R. Gil-Muñoz, E. Jiménez-Pascual, N. Busse-Valverde, A. Martínez-Cutillas, J.M. López-Roca and E. Gómez-Plaza
Impact of yeast on the aroma and flavour of Oregon Pinot Noir wine   D.G. Takush and J.P. Osborne
Multivariate statistical approaches for wine classification based on low molecular weight phenolic compounds
M.J. Cabrita, J. Aires-de-Sousa, M.D.R. Gomes da Silva, F. Rei and A.M. Costa Freitas
Whole-of-block experimentation for evaluating a change to canopy management intended to enhance wine quality
K. Panten and R.G.V. Bramley
Effects of hot-water treatment, post-hot-water-treatment cooling and cold storage on the viability of dormant grafted grapevines under field conditions
Water-use efficiency in grapevine cultivars grown under controlled conditions: effects of water stress at the leaf and whole-plant level
M. Tomás, H. Medrano, A. Pou, J.M. Escalona, S. Martorell, M. Ribas-Carbó and J. Flexas
Spatio-temporal dynamics of grape anthocyanin accumulation in a Tempranillo vineyard monitored by proximal sensing
Potassium concentration and pH inter-relationships in grape juice and wine of Chardonnay and Shiraz from a range of rootstocks in different environments
Protein removal from a Chardonnay juice by addition of carrageenan and pectin
M. Marangon, M. Lucchetta, D. Duan, V.J. Stockdale, A. Hart, P.J. Rogers and E.J. Waters
Mass spectrometry fragmentation pattern of coloured flavanol-anthocyanin and anthocyanin-flavanol derivatives in aged red wines of Rioja
M.B. Sánchez-Ilárduya, C. Sánchez-Fernández, M. Viloria-Bernal, D.M. López-Márquez, L.A. Berrueta, B. Gallo and F. Vicente
Assessment of grey mould ( <i>Botrytis cinerea</i> ) impact on phenolic and sensory quality of Bordeaux grapes, musts and wines for two consecutive vintages
I. Ky, B. Lorrain, M. Jourdes, G. Pasquier, M. Fermaud, L. Gény, P. Rey, B. Doneche and PL. Teissedre
Effects of solar ultraviolet radiation and canopy manipulation on the biochemical composition of Sauvignon Blanc grapes
S.M. Gregan, J.J. Wargent, L. Liu, J. Shinkle, R. Hofmann, C. Winefield, M. Trought and B. Jordan
Comparison of enzyme-linked immunosorbent assays and reverse transcription-polymerase chain reaction for the reliable detection of Australian grapevine viruses in two climates during three growing seasons

F.E. Constable, J. Connellan, P. Nicholas and B.C. Rodoni

ISSN 1322-7130

© 2012 Australian Society of Viticulture and Oenology Inc.