

Table of Contents

MINMIN LI, YONGGANG YIN, NAN JIA, BIN HAN, YAN SUN, CHANGJIANG LIU, SHENGJIAN ZHAO, YONG GUO and ZIJUAN GUO: Anatomical physiological and biochemical processes involved in grapevine rootstock drought tolerance 53

A. NASSUTH, M. A. RAHMAN, T. NGUYEN, A. EBADI and C. LEE: Leaves of more cold hardy grapes have a higher density of small, sunken stomata 63

I. OCAÑA-RIOS, F. RUIZ-TERÁN, M. E. GARCÍA-AGUILERA, K. TOVAR-OSORIO, E. RODRÍGUEZ DE SAN MIGUEL and N. ESTURAU-ESCOFET: Comparison of two sample preparation methods for ¹H-NMR wine profiling: Direct analysis and solid-phase extraction. 69

S. TORABI, N. ABBASPOUR, F. RAHMANI and N. MOHAMMADKHANI: Effects of salinity on potassium absorption and expression of K⁺ transporter genes at different concentrations of potassium in Grape (*Vitis vinifera* L.) 77

D. G. DINU, D. BIANCHI, L. MAMSAKHILISASHVILI, C. QUARIA, L. BRANCADORO, D. MAGHRADZE, M. CARDINALE and L. RUSTIONI: Effects of genotype and environmental conditions on grapevine (*Vitis vinifera* L.) shoot morphology 85

R. G. SOMKUWAR, V. A. BHOR, V. S. GHULE, D. HAKALE, A. SHABEER and A. K. SHARMA: Rootstock affects stress relieving enzymatic activity during bud break in 'Red Globe' grapevine under semi-arid condition 93

Corrigendum

P. KEHRLI, J. RÖSTI, F. LORENZINI, P. DENEULIN and C. LINDER: Influence of processed *Halyomorpha halys* bugs on the aroma and taste of 'Chardonnay' and 'Merlot' musts and wines 100