

Table of Contents

D. J. ALDRICH, R. BESTER, J. T. BURGER and H. J. MAREE: Characterisation of different GLRaV-3 variant infections by determining virus concentration ratios and miRNA expression profiles . . . . . 79

O. DE ALMEIDA JUNIOR, C. R. DE SOUZA, F. ALCÂNTARA NOVELLI DIAS, F. DE PAULA FERNANDES, L. TORREGROSA, C. NORONHA FERNANDES-BRUM, A. CHALFUN-JUNIOR, R. VIEIRA DA MOTA, I. PEREGRINO and M. DE ALBUQUERQUE REGINA: Effect of pruning strategy on 'Syrah' bud necrosis and fruitfulness in Brazilian subtropical Southeast . . . 87

R. RUDOLPH, K. HERZOG, R. TÖPFER and V. STEINHAGE: Efficient identification, localization and quantification of grapevine inflorescences and flowers in unprepared field images using Fully Convolutional Networks . . . . . 95

Á. RODRÍGUEZ-GONZÁLEZ, P. A. CASQUERO, J. GARCÍA-GONZÁLEZ, D. RODRÍGUEZ-ROBLES, J. M. MORÁN DEL POZO and A. JUAN-VALDÉS: Analysis of the mechanical properties of wood attacked by *Xylotrechus arvicola* (Coleoptera: Cerambycidae) larvae, and its influence on the structural properties of the plant . . . . . 105

E. VUKICEVICH, T. LOWERY, and M. HART: Effects of living mulch on young vine growth and soil in a semi-arid vineyard . . . . . 113