

Table of Contents

Volume 9 Number 2

January 2018

Linear Relationships between Photosynthetic Rate and Photochemical Energy Expressed by $PAR \times F_v/F_m$

D. B. Sun, Q. S. Wang.....125

An Effective Wood DNA Extraction Protocol for Three Economic Important Timber Species of India

T. Fatima, A. Srivastava, V. S. Hanur, M. Srinivasa Rao.....139

Elevated CO₂ Levels Affect Phytochemicals and Nutritional Quality of Food Crops

C. B. Rajashekar.....150

Influence of Modifier in Supercritical CO₂ on Qualitative and Quantitative Extraction Results of *Eucalyptus* Essential Oil

W. Y. Dai, S. Keokurngsamay, Y. Chen, X. Zhu, L. L. Gu, Y. Han, Z. J. Li.....163

Evaluation of Allelochemicals, Abscisic Acid and Coumarin, in Leaf-Origin Suspension Cultured Cells of *Prunus yedoensis* Using Protoplast Co-Culture Bioassay Method

K. Fujise, S. Yokota, H. Sasamoto.....172

Effect of Autumn Cutting Date on Regrowth, Turning Green, Yield and Quality of *Leymus chinensis* Grassland in Songnen Plain, Northeast China

Y. T. Song, Wuyunna, D. W. Zhou.....185

Diversity among Isolates of the Tangerine Pathotype of *Alternaria alternata*

A. C. F. Demartelaere, L. C. Nascimento, C. O. Marinho, M. C. Nunes, P. C. Abraão, R. S. S. Gomes, M. D. M. Oliveira, L. Almeida, M. M. Porcino, C. Vargas e Silva, W. C. O. Souza.....196

Decision Trees as a Tool to Select Sugarcane Families

L. A. Peternelli, D. P. Bernardes, B. P. Brasileiro, M. H. P. Barbosa, R. H. T. Silva.....216

Volatiles from *Acer truncatum* Flowers

H. J. Ren, F. F. Si, M. J. Ye, Q. Qiao, K. An, C. Wang, Z. Feng.....231

Nutrient Accumulation in *Amaryllis*

C. de M. D. Mateus, K. F. L. Pivetta, R. L. V. Bôas, R. M. M. de Castilho, M. M. P. Sartori, R. B. Mazzini-Guedes.....239

Effect of *Pseudomonas fluorescens* and *Burkholderia pyrrocinia* on the Growth Improvement and Physiological Responses in *Brachiaria brizantha*

M. J. dos Santos Lopes, M. B. D. Filho, T. H. dos Reis Castro, M. C. C. de Filippi, G. B. da Silva.....250

Characterization and Deer-Repellent Property of Chrysophanol and Emodin from Sicklepod Weed

Z. M. Yue, T.-M. Tseng, M. Lashley.....266

Development, Validation and Characterization of Genic Microsatellite Markers in *Urochloa* Species

J. S. Souza, L. Chiari, R. M. Simeão, M. de Mendonça Vilela, L. R. Salgado.....281

Proliferation, Multiplication and Improvement of Micro-Propagation System for Mass Clonal Production of Rose through Shoot Tip Culture

A. J. Khaskheli, M. I. Khaskheli, M. A. Khaskheli, T. Shar, W. Ahmad, U. A. Lighari, M. A. Khaskheli,
A. A. Khaskheli, F. H. Makan.....296

Molecular Variability and Genetic Structure of IYMV in Burkina Faso

M. Koala, D. Sérémé, F. Vignols, E. Lacombe, M. Bantgratz, B. J. Neya, C. Brugidou, N. Barro, O. Traoré.....311