

Original Communications

- The Pyoverdins of *Pseudomonas syringae* and *Pseudomonas cichorii*
A. BULTREYS, I. GHEYSEN, B. WATHELET, M. SCHÄFER, and H. BUDZIKIEWICZ 613
- Total, Free and Conjugated Sterolic Forms in Three Microalgae Used in Mariculture
N. W. MOHAMMADY 619
- Black Flower Coloration in Wild *Lisianthus nigrescens*: Its Chemistry and Ecological Consequences
K. R. MARKHAM, S. J. BLOOR, R. NICHOLSON, R. RIVERA, M. SHEMLUCK, P. G. KEVAN, and C. MICHENER 625
- Cuticular Wax Profiles of Leaves of Some Traditionally Used African Bignoniaceae
R. GORMANN, L. SCHREIBER, and H. KOŁODZIEJ 631
- Rapid Determination of Volatile Compounds Emitted from *Chimonanthus praecox* Flowers by HS-SPME-GC-MS
C. DENG, G. SONG, and Y. HU 636
- Comparison of Terpene Composition in Engelmann Spruce (*Picea engelmannii*) Using Hydrodistillation, SPME and PLE
M. MARDAROWICZ, D. WIANOWSKA, A. L. DAWIDOWICZ, and R. SAWICKI 641
- Separation of Flavonoids from *Aleurites moluccana* Leaves Using Chitosan Modified with Heptaldehyde
M. MORSCH, L. G. J. GIRARDI, V. CECHINEL-FILHO, C. MEYRE-SILVA, and C. A. RODRIGUES 649
- Antimicrobial Activity and Chemical Composition of the Essential Oil of *Nepeta crispa* Willd. from Iran
A. SONBOLI, P. SALEHI, and M. YOUSEFZADI 653
- Antimicrobial Activity of Fractions and Compounds from *Calophyllum brasiliense* (Clusiaceae/Guttiferae)
J. B. PRETTO, V. CECHINEL-FILHO, V. F. NOLDIN, M. R. K. SARTORI, D. E. B. ISAIAS, and A. B. CRUZ 657
- Biological Evaluation of Some Selected Cyclic Imides: Mitochondrial Effects and *in vitro* Cytotoxicity
S. R. TOZATO PRADO, V. CECHINEL-FILHO, F. CAMPOS-BUZZI, R. CORRÊA, S. M. C. SUTER CADERNA, and M. B. M. DE OLIVEIRA 663
- The Influence of Growth Regulators on Membrane Permeability in Cultures of Winter Wheat Cells
M. FILEK, J. BIESAGA-KOŚCIELNIAK, I. MARCIŃSKA, I. MACHÁČKOVÁ, and J. KREKULE 673
- Effect of Photon Flux Density and Temperature on the Production of Halogenated Monoterpenes by *Plocamium cartilagineum* (Plocamiaceae, Rhodophyta)
R. PALMA, M. EDDING, J. ROVIROSA, A. SANMARTÍN, and V. H. ARGANDOÑA 679
- Salicylic Acid Glucoside Acts as a Slow Inducer of Oxidative Burst in Tobacco Suspension Culture
T. KAWANO, S. TANAKA, T. KADONO, and (the late) S. MUTO 684
- Microsomal Detoxification Enzymes in Yam Bean [*Pachyrhizus erosus* (L.) Urban]
E. J. D. BELFORD, U. DÖRFLER, A. STAMPFL, and P. SCHRÖDER 693
- Analysis of the Labial Gland Secretions of the Male Bumblebee *Bombus griseocollis* (Hymenoptera: Apidae)
A. BERTSCH, H. SCHWEER, and A. TITZE 701
- Synthesis and Field Tests of Sex Pheromone Components of the Leafroller *Argyrotaenia sphaleropa*
S. LEGRAND, M. BOTTON, M. CORACINI, P. WITZGALL, and C. R. UNELIUS 708