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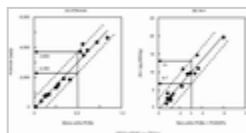


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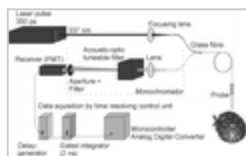


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Phenolic Composition in Grape (*Vitis vinifera* L. cv. Malbec) Ripened with Different Solar UV-B Radiation Levels by Capillary Zone Electrophoresis

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Chemical Response of Hardwood Oligosaccharides as a Statistical Function of Isolation Protocol





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Yi Wang, Qin Wang, William E. Artz and Graciela W. Padua

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Héctor Rodríguez, José María Landete, José Antonio Curiel, Blanca de las Rivas, José Miguel Mancheño and Rosario Muñoz

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Cynthia M. Machado, Mario G. Ferruzzi and S. Suzanne Nielsen

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Emilia Selinheimo, Piritta Lampila, Maija-Liisa Mattinen and Johanna Buchert

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Thalita Oliveira da Silva and Pedro Afonso de Paula Pereira

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Emerenciana Gallardo, David P. De Schutter, Rosario Zamora, Guy Derdelinckx, Freddy R. Delvaux and Francisco





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Chemical Composition of Foods/Feeds

Rapid Determination of Crocetin Esters and Picrocrocin from Saffron Spice (*Crocus sativus* L.) Using UV-Visible Spectrophotometry for Quality Control





Ana M. Sánchez, Manuel Carmona, Amaya Zalacain, José M. Carot, José M. Jabaloyes and Gonzalo L. Alonso

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Exposure Assessment of Prepubertal Children to Steroid Endocrine Disruptors. 2. Determination of Steroid Hormones in Milk, Egg, and Meat Samples





Frédérique Courant, Jean-Philippe Antignac, Julie Laille, Fabrice Monteau, François Andre and Bruno Le Bizec

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Feasibility of Diode-Array Instruments To Carry Near-Infrared Spectroscopy from Laboratory to Feed Process Control





Elvira Fernández-Ahumada, Ana Garrido-Varo and José Emilio Guerrero-Ginel

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Tailoring the Structure of Aminobisphosphonates To Target Plant P5C Reductase





Giuseppe Forlani, Andrea Occhipinti, Łukasz Berlicki, Gabriela Dziedziota, Anna Wieczorek and Pawet Kafarski

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Geographical Characterization of Greek Virgin Olive Oils (Cv. Koroneiki) Using ^1H and ^{31}P NMR Fingerprinting with Canonical Discriminant Analysis and Classification Binary Trees





Panos V. Petrakis, Alexia Agiomyrgianaki, Stella Christophoridou, Apostolos Spyros and Photis Dais

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Rai S. Kookana, Les J. Janik, Mohsen Forouzangohar and Sean T. Forrester

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Leaching and Efficiency of Six Organic Zinc Fertilizers Applied to Navy Bean Crop Grown in a Weakly Acidic Soil of Spain

D. Gonzalez, J. Novillo, M. I. Rico and J. M. Alvarez

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Zinc Distribution and Speciation within Rocket Plants (*Eruca vesicaria* L. *Cavaleri*) Grown on a Polluted Soil Amended with Compost as Determined by XRF Microtomography and Micro-XANES

Roberto Terzano, Ziad Al Chami, Bart Vekemans, Koen Janssens, Teodoro Miano and Pacifico Ruggiero

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Sampling and Modeling for the Quantification of Adventitious Genetically Modified Presence in Maize

Theodore Richard Allnutt, Mark Dwyer, Jillian McMillan, Christine Henry and Stephen Langrell

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Comparison of Metal Oxide-Based Electronic Nose and Mass Spectrometry-Based Electronic Nose for the Prediction of Red Wine Spoilage





Amalia Z. Berna, Stephen Trowell, Wies Cynkar and Daniel Cozzolino

pp 3238-3244

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Effect of Apple Particle State on the Release of Volatile Compounds in a New Artificial Mouth Device





Gaëlle Arvisenet, Ludivine Billy, Pauline Pointot, Evelyne Vigneau, Dominique Bertrand and Carole Prost

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Influence of Flavor Solvent on Flavor Release and Perception in Sugar-Free Chewing Gum





Rajesh V. Potineni and Devin G. Peterson

pp 3254-3259

Publication Date (Web): April 22, 2008 (Article)

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Mechanisms of Flavor Release in Chewing Gum: Cinnamaldehyde





Rajesh V. Potineni and Devin G. Peterson

pp 3260-3267

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Dorota Klensporf and Henryk H. Jeleń

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Characterization of Odor-Active Compounds in Extracts Obtained by Simultaneous Extraction/Distillation from Moroccan Black Olives

Sonia Collin, Sabrina Nizet, Sophie Muls, Rafika Iraqi and Amina Bouseta

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Characterization of Steam Volatiles in the Essential Oil of Black Currant Buds and the Antioxidant Properties of Different Bud Extracts

Asta Dvaranauskaitė, Petras R. Venskutonis, Christine Raynaud, Thierry Talou, Pranas Viškelis and Edita

Dambrasukiene

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Fungal Biotransformation of (±)-Linalool

Marco-Antonio Mirata, Matthias Wüst, Armin Mosandl and Jens Schrader

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Oxidation of Porcine Myosin by Hypervalent Myoglobin: The Role of Thiol Groups





Anne M. Frederiksen, Marianne N. Lund, Mogens L. Andersen and Leif H. Skibsted

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Identification of Fructooligosaccharides in Different Banana Cultivars





Roberta Ghedini Der Agopian, Claudinéia Aparecida Soares, Eduardo Purgatto, Beatriz Rosana Cordenunsi and Franco Maria Lajolo

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Synthesis of Conjugated Linoleic Acid by Human-Derived Bifidobacterium breve LMC 017: Utilization as a Functional Starter Culture for Milk Fermentation





Soo Hyun Chung, In Hwan Kim, Hui Gyu Park, Hye Soon Kang, Chil Suk Yoon, Ha Yeon Jeong, Nag Jin Choi, Eung Gi Kwon and Young Jun Kim

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Extremely Low Temperature Fermentations of Grape Must by Potato-Supported Yeast, Strain AXAZ-1. A Contribution Is Performed for Catalysis of Alcoholic Fermentation





Panagiotis Kandyliis and Athanasios A. Koutinas

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Synthesis of Oligosaccharides Derived from Lactulose and Pectinex Ultra SP-L

Alejandra Cardelle-Cobas, Cristina Martínez-Villaluenga, Mar Villamiel, Agustin Olano and Nieves Corzo

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Hydroxytyrosol Prevents Oxidative Deterioration in Foodstuffs Rich in Fish Lipids

Manuel Pazos, Ana Alonso, Isabel Sánchez and Isabel Medina

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Analysis of Phenolic Compounds by High-Performance Liquid Chromatography and Liquid Chromatography/Mass Spectrometry in Potato Plant Flowers, Leaves, Stems, and Tubers and in Home-Processed Potatoes

Hyon Woon Im, Bong-Soon Suh, Seung-Un Lee, Nobuyuki Kozukue, Mayumi Ohnisi-Kameyama, Carol E. Levin and Mendel Friedman

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Antioxidant and Iron-Binding Properties of Curcumin, Capsaicin, and S-Allylcysteine Reduce Oxidative Stress in Rat Brain Homogenate

Amichand Dairam, Ronen Fogel, Santy Daya and Janice L. Limson

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Influence of Thiol Metabolism of Lactobacilli on Egg White Proteins in Wheat Sourdoughs





Jussi Loponen, Katja König, Jianping Wu and Michael G. Gänzle

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Polyphenolic Transmission to Segureño Lamb Meat from Ewes' Diet Supplemented with the Distillate from Rosemary (*Rosmarinus officinalis*) Leaves





Inmaculada Moñino, Cristina Martínez, José A. Sotomayor, Arturo Lafuente and Maria J. Jordán

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Quali-quantitative Analyses of Flavonoids of *Morus nigra* L. and *Morus alba* L. (Moraceae) Fruits





Agata Maria Pawlowska, Wieslaw Oleszek and Alessandra Braca

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Diphenylamine Metabolism in 'Braeburn' Apples Stored under Conditions Conducive to the Development of Internal Browning

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Simple Assessment of Radical Scavenging Capacity of Beverages

Yo Omata, Yoshiro Saito, Yasukazu Yoshida and Etsuo Niki

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Irrigation with Diluted Seawater Improves the Nutritional Value of Cherry Tomatoes

Cristina Sgherri, Zuzana Kadlecová, Alberto Pardossi, Flavia Navari-Izzo and Riccardo Izzo


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Dongxu Zhang, Miao Wang, Guocheng Du, Qingxin Zhao, Jing Wu and Jian Chen

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Release of Protein, Lipid, and Vitamin E from Almond Seeds during Digestion

Giuseppina Mandalari, Richard M. Faulks, Gillian T. Rich, Vincenzo Lo Turco, David R. Picout, Rosario B. Lo





Curto, Giuseppe Bisignano, Paola Dugo, Giacomo Dugo, Keith W. Waldron, Peter R. Ellis and Martin S. J. Wickham

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Shining Light on the Differences in Molecular Structural Chemical Makeup and the Cause of Distinct Degradation Behavior between Malting- and Feed-Type Barley Using Synchrotron FTIR Microspectroscopy: A Novel Approach





Peiqiang Yu, Kevin Doiron and Dasen Liu

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Nancy Shappell

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