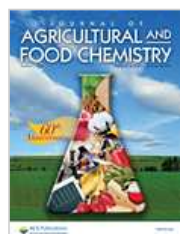


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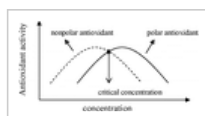
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ENVIRONMENTAL CHEMISTRY


Comprehensive Screening Study of Pesticide Degradation via Oxidation and Hydrolysis

Evelyn Chamberlain, Honglan Shi, Tongwen Wang, Yinfa Ma, Alice Fulmer, and Craig Adams


pp 354-363


Publication Date (Web): December 5, 2011 ([Article](#))


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Combination Effects of Nitrocompounds, Pyromellitic Diimide, and 2-Bromoethanesulfonate on in Vitro Ruminant Methane Production and Fermentation of a Grain-Rich Feed

Dan-Feng Zhang and Hong-Jian Yang


pp 364-371


Publication Date (Web): November 30, 2011 ([Article](#))


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Enantioselective Degradation and Chiral Stability of Malathion in Environmental Samples

Mingjing Sun, Donghui Liu, Gaoxin Zhou, Jindong Li, Xingxu Qiu, Zhiqiang Zhou, and Peng Wang


pp 372-379


Publication Date (Web): November 25, 2011 ([Article](#))


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FLAVORS AND AROMAS/CHEMOSENSORY PERCEPTION


Main Odorants in Jura Flor-Sherry Wines. Relative Contributions of Sotolon, Abhexon, and Theaspirane-Derived Compounds

Sonia Collin, Sabrina Nizet, Thomas Claey's Bouaert, and Pierre-Marie Despatures


pp 380-387


Publication Date (Web): November 26, 2011 ([Article](#))


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Stability of Citral in Emulsions Coated with Cationic Biopolymer Layers

Xiaoqing Yang, Huaixiang Tian, Chi-Tang Ho, and Qingrong Huang

pp 402-409

Publication Date (Web): December 9, 2011 ([Article](#))

DOI: 10.1021/jf203847b

Total Phenolic Content, Antioxidant Activity, and Cross-Cultural Consumer Rejection Threshold in White and Red Wines Functionally Enhanced with Catechin-Rich Extracts

Yung J. Yoo, Anthony J. Saliba, Paul D. Prenzler, and Danielle Ryan
pp 388-393
Publication Date (Web): December 1, 2011 (Article)
DOI: 10.1021/jf203216z

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Quality Evaluation of Olive Oil by Statistical Analysis of Multicomponent Stable Isotope Dilution Assay Data of Aroma Active Compounds

Georg Dierkes, Annette Bongartz, Helmut Guth, and Heiko Hayen
pp 394-401
Publication Date (Web): November 26, 2011 (Article)
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FOOD CHEMISTRY/BIOCHEMISTRY

Discrimination of Three *Pegaga* (*Centella*) Varieties and Determination of Growth-Lighting Effects on Metabolites Content Based on the Chemometry of ¹H Nuclear Magnetic Resonance Spectroscopy

Maulidiani H., Alfi Khatib, Khozirah Shaari, Faridah Abas, Mahendran Shitan, Ralf Kneer, Victor Neto, and Nordin H. Lajis
pp 410-417
Publication Date (Web): November 15, 2011 (Article)
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Lipid Profiling by Electrospray Ionization Tandem Mass Spectrometry and the Identification of Lipid Phosphorylation by Kinases in Potato Stolons

Ana M. Cenzano, Renata Cantoro, S. M. Teresa Hernández-Sotomayor, Guillermina I. Abdala, and Graciela E. Racagni
pp 418-426
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Banana (*Musa* sp. var. *elakki bale*) Flower and Pseudostem: Dietary Fiber and Associated Antioxidant Capacity

Jamuna J. Bhaskar, Mahadevamma S, Nandini D. Chilakunda, and Paramahans V. Salimath
pp 427-432
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Curcuminoids Promote Neurite Outgrowth in PC12 Cells through MAPK/ERK- and PKC-Dependent Pathways

Kuo-Kai Liao, Ming-Jiuan Wu, Pei-Yi Chen, Szu-Wei Huang, Shu-Jun Chiu, Chi-Tang Ho, and Jui-Hung Yen
pp 433-443
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Impact of Extra Virgin Olive Oil and Ethylenediaminetetraacetic Acid (EDTA) on the Oxidative Stability of Fish Oil Emulsions and Spray-Dried Microcapsules Stabilized by Sugar Beet Pectin

Sudheera Polavarapu, Christine M. Oliver, Said Ajlouni, and Mary Ann Augustin
pp 444-450
Publication Date (Web): December 5, 2011 (Article)
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Synthesis of Oleoylethanolamide Using Lipase

Xiaosan Wang, Xingguo Wang, and Tong Wang

pp 451-457

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Restoration of Fillet n-3 Long-Chain Polyunsaturated Fatty Acid Is Improved by a Modified Fish Oil Finishing Diet Strategy for Atlantic Salmon (*Salmo salar* L.) Smolts Fed Palm Fatty Acid Distillate

Mohamed B. Codabaccus, Andrew R. Bridle, Peter D. Nichols, and Chris G. Carter

pp 458-466

Publication Date (Web): November 30, 2011 (Article)

DOI: 10.1021/jf203633z

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Oxidative Comparison of Emulsion Systems from Fish Oil-Based Structured Lipid versus Physically Blended Lipid with Purple-Fleshed Sweet Potato (*Ipomoea batatas* L.) Extracts

Lu-Jing Gan, Dan Yang, Jung-Ah Shin, Sun-Ju Kim, Soon-Taek Hong, Jeung Hee Lee, Chang-Keun Sung, and Ki-Teak Lee

pp 467-475

Publication Date (Web): November 26, 2011 (Article)

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Short Cold Storage Enhances the Anthocyanin Contents and Level of Transcripts Related to Their Biosynthesis in Blood Oranges

Tiziana Crifò, Goffredo Petrone, Luca Lo Cicero, and Angela Roberta Lo Piero

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Apple Peels, from Seven Cultivars, Have Lipase-Inhibitory Activity and Contain Numerous Ursenoic Acids As Identified by LC-ESI-QTOF-HRMS

Tony K. McGhie, Sébastien Hudault, Rona C. M. Lunken, and John T. Christeller

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Heat Treatment To Modify the Structural and Physical Properties of Chitosan-Based Films

Sandra Rivero, Maria A. García, and Adriana Pinotti

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Kinetics and Thermodynamics of the Thermal Inactivation of Polyphenol Oxidase in an Aqueous Extract from *Agaricus bisporus*

Hicham Gouzi, Christophe Depagne, and Thibaud Coradin

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Comparative Study of the Effects of Solid-State Fermentation with Three Filamentous Fungi on the Total Phenolics Content (TPC), Flavonoids, and Antioxidant Activities of Subfractions from Oats (*Avena sativa* L.)

Shengbao Cai, Ou Wang, Wei Wu, Songjie Zhu, Feng Zhou, Baoping Ji, Fengyi Gao, Di Zhang, Jia Liu, and Qian Cheng

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Publication Date (Web): December 5, 2011 (Article)

DOI: 10.1021/jf204163a

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Anti-inflammatory and Antifibrotic Effects of Naringenin in Diabetic Mice

Shih-Jei Tsai, Chin-Shiu Huang, Mei-Chin Mong, Wing-Yiu Kam, Hui-Ying Huang, and Mei-Chin Yin

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Publication Date (Web): November 28, 2011 (Article)

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Antioxidant and Anti-Inflammatory Potential of Hesperetin Metabolites Obtained from Hesperetin-Administered Rat Serum: An Ex Vivo Approach

Hsin-Ling Yang, Ssu-Ching Chen, K. J. Senthil Kumar, Kang-Ni Yu, Pei-Dawn Lee Chao, Shang-Yuan Tsai, Yu-Chi Hou, and You-Cheng Hseu

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DOI: 10.1021/jf2040675

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Apigenin-Induced Suicidal Erythrocyte Death

Mohanad Zbidah, Adrian Lupescu, Kashif Jilani, Abul Fajol, Diana Michael, Syed M. Qadri, and Florian Lang




pp 533-538

Publication Date (Web): December 1, 2011 (Article)

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