

A Publication of the Institute of Food Technologists

June/July 2011 | Vol. 76 Nr. 5 | CODEN: JFDASZ 76:C674-H150 | ISSN: 0022-1147

*The Publication of sound science in a peer-reviewed format provides the fundamental basis by which IFT, as a scientific society, serves as "... the authoritative voice of food science and technology".*

Table of Contents.....	i
JFS Masthead .....	iv
Industrial Application Briefs .....	v
Editorial .....	vii
Corrigendum.....	viii

### C: FOOD CHEMISTRY

Nonvolatile Taste Compounds in Cooked Chinese Nanjing Duck Meat Following Postproduction Heat Treatment— <i>Yan Dai, Hai-Jun Chang, Shu-Xia Cao, Deng-Yong Liu, Xing-Lian Xu, and Guang-Hong Zhou</i> .....	C674
--	------

Optimization of Ultrasonic-Assisted Enzymatic Hydrolysis for the Extraction of Luteolin and Apigenin from Celery— <i>Qian Zhang, Ming-Ming Zhou, Pei-Lin Chen, Yun-Ying Cao, and Xiang-Ling Tan</i> .....	C680
--	------

Structural Stability of Myosin Rod from Silver Carp as Affected by Season— <i>Chunhong Yuan, Xichang Wang, Shunsheng Chen, Yinghong Qu, and Kunihiro Konno</i> .....	C686
---	------

Prooxidant Effects of the Combination of Green Tea Extract and Sodium Nitrite for Accelerating Lipolysis and Lipid Oxidation in Pepperoni during Storage— <i>Yuhai Lin, Ming Huang, Guanghong Zhou, Yufeng Zou, and Xinglian Xu</i> .....	C694
--	------

Comparison and Characterization of the Antioxidant Potential of 3 Wild Grapes— <i>Vitis thunbergii</i> , <i>V. flexuosa</i> , and <i>V. kelungensis</i> — <i>Yu-Tang Tung, Kai-Chung Cheng, Shang-Tse Ho, Yong-Long Chen, Tung-Lin Wu, Ke-Chang Hung, and Jyh-Horng Wu</i> .....	C701
---	------

Antioxidant Capacities of Phenolic Compounds and Tocopherols from Tunisian Pomegranate ( <i>Punica granatum</i> ) Fruits— <i>Walid Elfalleh, Nizar Tlili, Nizar Nasri, Yassine Yahia,</i>	
--	--

<i>Hédia Hannachi, Nizar Chaira, Ma Ying, and Ali Ferchichi</i> .....	C707
---	------

Effect of Pilot-Scale Aseptic Processing on Tomato Soup Quality Parameters— <i>Ines J.P. Colle, Anna Andrys, Andrea Grundelius, Lien Lemmens, Anders Löfgren, Sandy Van Buggenhout, Ann Van Loey, and Marc Hendrickx</i> .....	C714
---	------

Composition of Flavonoids and Phenolic Acids in Lychee ( <i>Litchi Chinensis</i> Sonn.) Flower Extracts and Their Antioxidant Capacities Estimated with Human LDL, Erythrocyte, and Blood Models— <i>Y.-C. Chen, J.-T. Lin, S.-C. Liu, P.-S. Lu, and D.-J. Yang</i> .....	C724
--	------

Quality, Bioactive Compounds, and Antioxidant Activity of New Flat-Type Peach and Nectarine Cultivars: A Comparative Study— <i>Pilar Legua, Francisca Hernández, Huertas M. Díaz-Mula, Daniel Valero, and María Serrano</i> .....	C729
--	------

Chemical Composition and Nutritive Value of Lantana and Sweet Pepper Seeds and Nabak Seed Kernels— <i>Hassan El-Sayed Embaby and Sayed Mohamed Mokhtar</i> .....	C736
---	------

Polymeric Proanthocyanidins in Skins and Seeds of 37 <i>Vitis vinifera</i> L. Cultivars: A Methodological Comparative Study— <i>Fabiano Travaglia, Matteo Bordiga, Monica Locatelli, Jean Daniel Coisson, and Marco Arlorio</i> .....	C742
--	------

Fatty Acid Synthase Inhibitors Separated from Oiltea Camellia by High-Speed Counter-Current Chromatography— <i>Qiuping Chen, Xiaowei Luo, Xiaofeng Ma, Tianjia Jiang, Baiyi Lu, Jianfu Shen, and Ying Zhang</i> .....	C750
--	------

Improving Chocolate Flavor in Poor-Quality Cocoa Almonds by Enzymatic Treatment— <i>Hilana Salete Silva Oliveira, Maria Eugênia Oliveira Mamede, Aristóteles Góes-Neto, and Maria Gabriela Bello Koblitz</i> .....	C755
---	------

**On the cover:** Transmission electron microscopy of *Bacillus subtilis* fimbrij hyphae growing toward colonies of *Rhizopus stolonifer*: a cross section of affected hypha, from "Antagonistic Action of *Bacillus subtilis* Strain fimbrij on the Postharvest Pathogen *Rhizopus stolonifer*" by Xiaohong Zhou, Zhaoxin Lu, Fengxia Lv, Haizhen Zhao, Yu Wang, and Xiaomei Bie; p M258

Table of Contents continued on next page