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Editor: Royce Murray, University of North Carolina at Chapel Hill

When Machine Tastes Coffee: Instrumental Approach To Predict the Sensory Profile of Espresso Coffee

Christian Lindinger, David Labbe, Philippe Pottier, Andreas Rytz, Marcel A. Juillerat, Chahan Yretzian, and Imre Blank
(Article), 2008, 80 (5), 1574-1581
DOI: 10.1021/ac702196z

Visualization of a Lost Painting by Vincent van Gogh Using Synchrotron Radiation Based X-ray Fluorescence Elemental Mapping

Joris Dik, Koen Janssens, Geert Van Der Snickt, Luuk van der Loeff, Karen Riekers, and Marinette Collette
(Article), 2008, 80 (16), 6496-6442
DOI: 10.1021/ac800965g

Water Analysis: Emerging Contaminants and Current Issues

Susan D. Richardson
(Review), 2007, 79 (12), 4295-4324
DOI: 10.1021/ac070719q

Electrochemical Sensors

Benjamin J. Privett, Jae Ho Shin, and Mark H. Schoenhsch
(Review), 2008, 80 (12), 4499-4517
DOI: 10.1021/ac8007219

Rapid Prototyping of Microfluidic Systems in Poly(dimethylsiloxane)

David C. Duffy, J. Cooper McDonald, Olivier J. A. Schueller, and George M. Whitesides
(Article), 1998, 70 (23), 4974-4984
DOI: 10.1021/ac980656z

Micro Total Analysis Systems: Latest Achievements

Jonathan West, Marco Becker, Sven Tombrink, and Andreas Manz
(Review), 2008, 80 (12), 4403-4419
DOI: 10.1021/ac800680j

Cancer Cell Targeting Using Multiple Aptamers Conjugated on Nanorods

Yu-Fen Huang, Huan-Sung Chang, and Weihong Tan
(Accelerated Article), 2008, 80 (3), 567-572
DOI: 10.1021/ac702322j

Colorimetric Method for Determination of Sugars and Related Substances

Michel Dubois, K. A. Gilles, J. K. Hamilton, P. A. Rebers, and Fred. Smith
(Article), 1956, 28 (3), 350-356
DOI: 10.1021/ac60111a017

Gold Nanoparticle-Based Colorimetric Assay for the Direct Detection of Cancerous Cells

Colin D. Medley, Joshua E. Smith, Zhiwen Tang, Yanrong Wu, Suwussa Bamrungsap, and Weihong Tan
(Article), 2008, 80 (4), 1067-1072
DOI: 10.1021/ac702097y

Fiber-Optic Chemical Sensors and Biosensors

Otto S. Wolfbeis
(Review), 2008, 80 (12), 4269-4283
DOI: 10.1021/ac800473b



ANALYTICAL METHODS

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- 9356 ■ Differentiation of Dried Sea Cucumber Products from Different Geographical Areas by Surface Desorption Atmospheric Pressure Chemical Ionization Mass Spectrometry
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- 9365 Rapid Evaluation of Oxidized Fatty Acid Concentration in Virgin Olive Oils Using Metal Oxide Semiconductor Sensors and Multiple Linear Regression
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- 9370 Assessment of Primer/Template Mismatch Effects on Real-Time PCR Amplification of Target Taxa for GMO Quantification
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- 9385 Application of Conventional Solid-Phase Extraction for Multimycotoxin Analysis in Beers by Ultrahigh-Performance Liquid Chromatography-Tandem Mass Spectrometry
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