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journal

Early applied demonstrations of new analytical methods with clear societal impact



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Launched in 2009, *Analytical Methods* publishes research detailing early applied demonstrations of new analytical methods which address key issues of societal concern. Methods reported will be applicable in a wide range of fields including:

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- Analytical standards and calibration techniques
- Data handling
- Environmental analysis
- Forensic analysis
- Healthcare, pharmaceuticals and biomedical diagnostics
- Heritage science
- Industrial process development and product validation
- Sample preparation and sample handling.

Analytical Methods does not require that systems are fully validated, however it should be demonstrated that methods and technology reported in the journal are sufficiently robust and fit for purpose for application in the future.

Analytical Methods publishes a mix of full research articles, urgent communications, technical notes and critical and mini reviews. From 2013, *Analytical Methods* will publish 24 issues a year. The journal's Impact Factor is now 1.54*, demonstrating a 50% increase in the last year.

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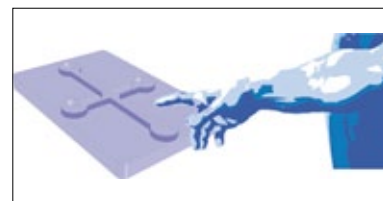
Content highlights

Let there be chip—towards rapid prototyping of microfluidic devices: one-step manufacturing processes

Ansgar Waldbaur, Holger Rapp, Kerstin Länge and Bastian E. Rapp

Anal. Methods, 2011, 3, 2681-2716

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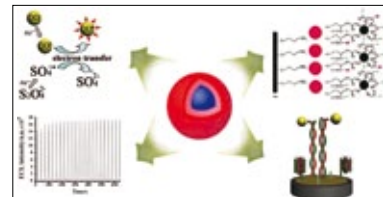


Electrochemiluminescence based on quantum dots and their analytical application

Haiping Huang, Jingjing Li and Jun-Jie Zhu

Anal. Methods, 2011, 3, 33-42

xlink.rsc.org/?doi=C0AY00608D

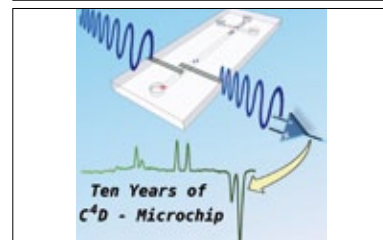


Capacitively coupled contactless conductivity detection on microfluidic systems—ten years of development

Wendell Karlos Tomazelli Coltro, Renato Sousa Lima, Thiago Pinotti Segato, Emanuel Carrilho, Dosil Pereira de Jesus, Claudimir Lucio do Lago and José Alberto Fracassi da Silva

Anal. Methods, 2012, 4, 25-33

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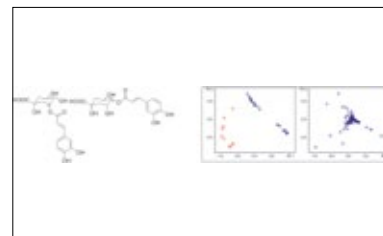


Scope and limitations of principal component analysis of high resolution LC-TOF-MS data: the analysis of the chlorogenic acid fraction in green coffee beans as a case study

Nikolai Kuhnert, Rakesh Jaiswal, Pinkie Eravuchira, Rasha M. El-Abassy, Bernd von der Kammer and Arnulf Materny

Anal. Methods, 2011, 3, 144-155

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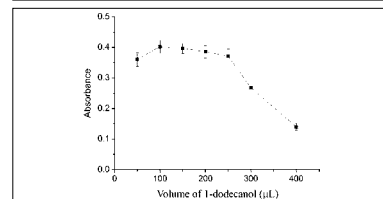


Sensitive determination of cadmium in water, beverage and cereal samples by a novel liquid-phase microextraction coupled with flame atomic absorption spectrometry

Qihua Wu, Chunxia Wu, Chun Wang, Xuena Lu, Xiaomeng Li and Zhi Wang

Anal. Methods, 2011, 3, 210-216

xlink.rsc.org/?doi=C0AY00524J

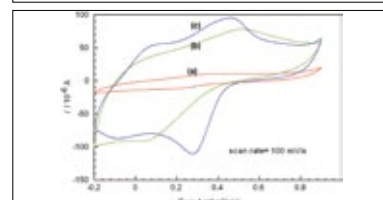


Polyaniline/polyacrylic acid/multi-walled carbon nanotube modified electrodes for sensing ascorbic acid

Ida Tiwari, Karan Pratap Singh, Manorama Singh and Craig E. Banks

Anal. Methods, 2012, 4, 118-124

xlink.rsc.org/?doi=C1AY05415E

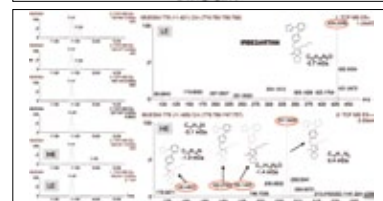


Target and non-target screening strategies for organic contaminants, residues and illicit substances in food, environmental and human biological samples by UHPLC-QTOF-MS

Ramon Díaz, María Ibáñez, Juan V. Sancho and Félix Hernández

Anal. Methods, 2012, 4, 196-209

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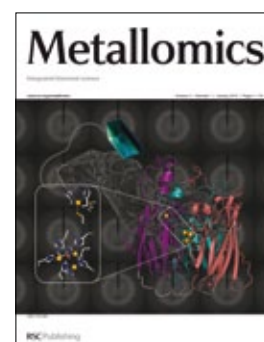
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