Analyst

www.rsc.org/analyst

The Royal Society of Chemistry is the world's leading chemistry community. Through our high impact journals and publications we connect the world with the chemical sciences and invest the profits back into the chemistry community.

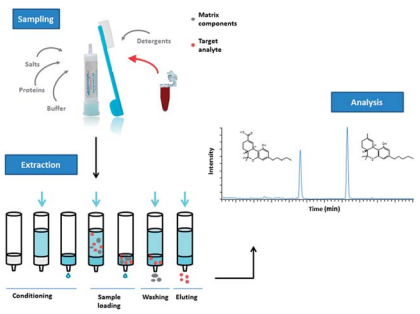
IN THIS ISSUE

ISSN 0003-2654 CODEN ANALAO 139(10) 2251–2602 (2014)

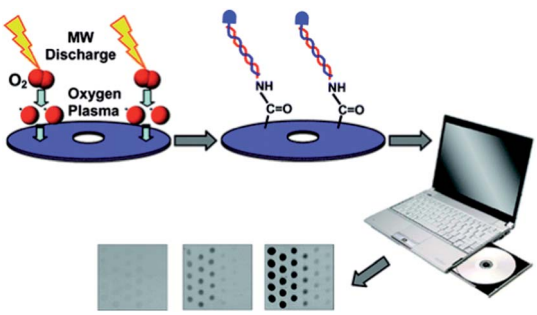
Cover
See Wei Min *et al.*, pp. 2312–2317.
Image reproduced by permission of F. Hu from *Analyst*, 2014, **139**, 2312.

Inside cover
See A. Escarpa *et al.*, pp. 2342–2347.
Image reproduced by permission of A. Escarpa from *Analyst*, 2014, **139**, 2342.

MINIREVIEW



CRITICAL REVIEW



Analyst (print: ISSN 0003-2654; electronic: ISSN 1364-5528) is published 24 times a year by The Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, UK CB4 0WF.

All orders, with cheques made payable to The Royal Society of Chemistry, should be sent to RSC Order Department, Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, CB4 0WF, UK
Tel +44 (0)1223 432398; E-mail **orders@rsc.org**

2014 Annual (print+electronic) subscription price: £2160; US$4032. 2014 Annual (electronic) subscription price: £2052; US$3830. Customers in Canada will be subject to a surcharge to cover GST. Customers in the EU subscribing to the electronic version only will be charged VAT.

If you take an institutional subscription to any Royal Society of Chemistry journal you are entitled to free, site-wide web access to that journal. You can arrange access via Internet Protocol (IP) address at **www.rsc.org/ip**.

Customers should make payments by cheque in sterling payable on a UK clearing bank or in US dollars payable on a US clearing bank.

Advertisement sales: Tel +44 (0) 1223 432246; Fax +44 (0) 1223 426017; E-mail **advertising@rsc.org**

For marketing opportunities relating to this journal, contact **marketing@rsc.org**

Analyst

www.rsc.org/analyst

Analyst publishes analytical and bioanalytical research that reports premier fundamental discoveries and inventions, and the applications of those discoveries, unconfined by traditional discipline barriers.

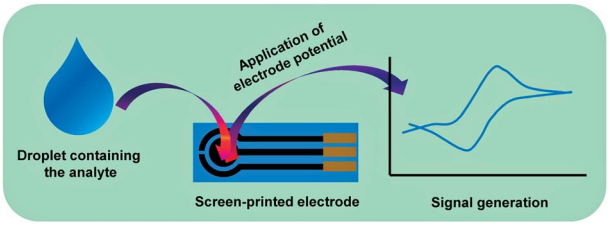
Editorial board

Advisory board

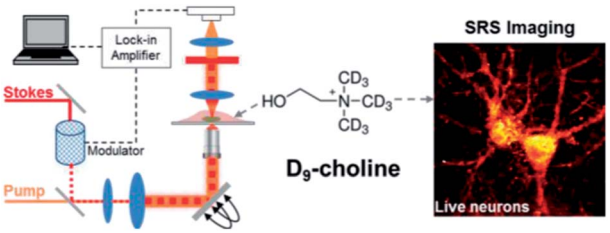
Information for authors

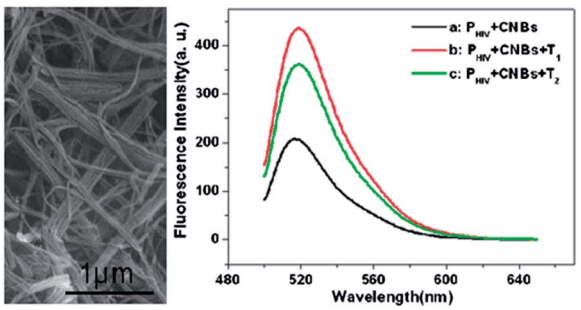
Full details on how to submit material for publication in Analyst are given in the Instructions for Authors (available from http://www.rsc.org/authors). Submissions should be made via the journal's homepage: http://www.rsc.org/analyst.

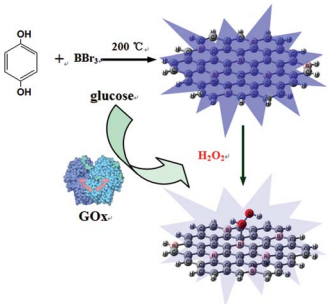
TUTORIAL REVIEW



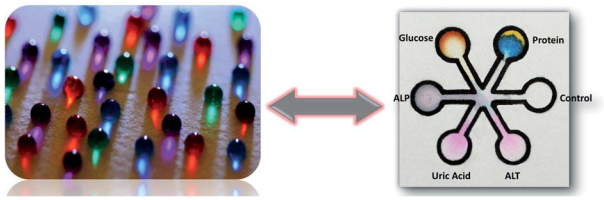
COMMUNICATIONS







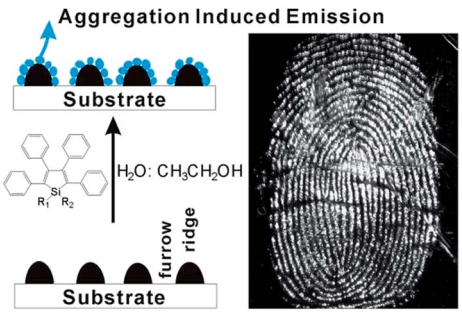
COMMUNICATIONS



Vapor-phase deposition of polymers as a simple and versatile technique to generate paper-based microfluidic platforms for bioassay applications

Gokhan Demirel* and Esra Babur

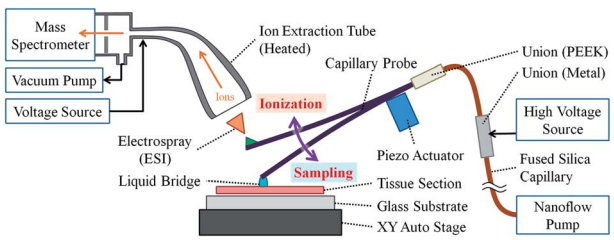
A simple yet versatile approach has been demonstrated for the fabrication of paper-based microfluidic platforms based on a vapor-phase polymerization technique.



Enhancing the visualization of latent fingerprints by aggregation induced emission of siloles

Linru Xu, Yan Li, Shuhong Li, Rongrong Hu, Anjun Qin,* Ben Zhong Tang* and Bin Su*

Aggregation-induced emission was explored for the visual enhancement of latent fingerprints deposited on wet non-porous surfaces.

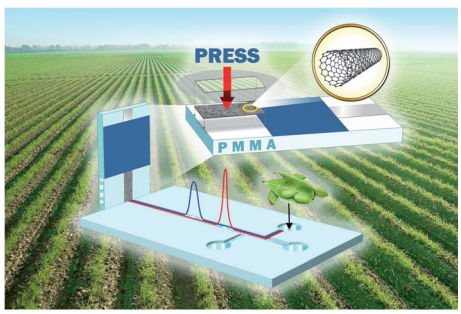


Imaging mass spectrometry of a mouse brain by tapping-mode scanning probe electrospray ionization

Yoichi Otsuka,* Junpei Naito, Shuya Satoh, Masafumi Kyogaku, Hiroyuki Hashimoto and Ryuichi Arakawa

Methods for ambient sampling and ionization enable chemical information to be obtained with minimal sample preparation.

PAPERS

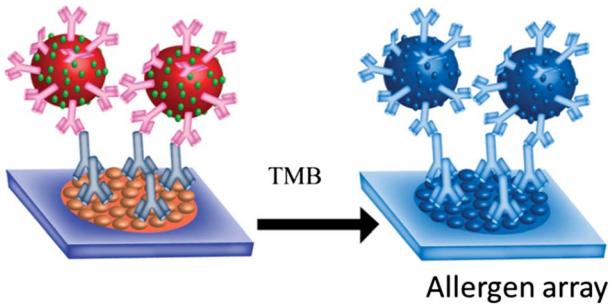


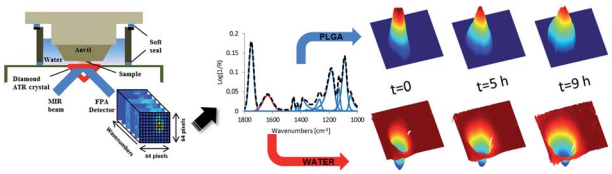
Fast and reliable class-selective isoflavone index determination on carbon nanotube press-transferred electrodes using microfluidic chips

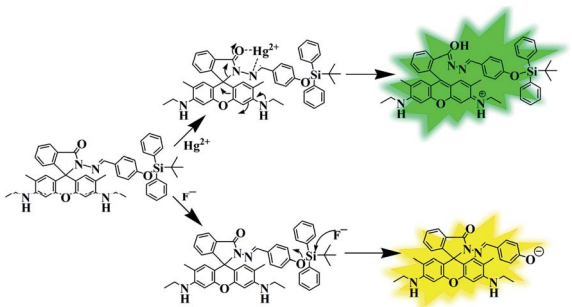
D. Vilela, A. Martín, M. C. González and A. Escarpa*

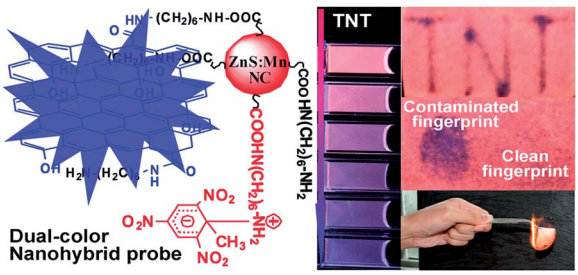
Direct microfluidic electrochemical sensing of class-isoflavones in complex soy samples on press-transferred carbon nanotubes.

PAPERS



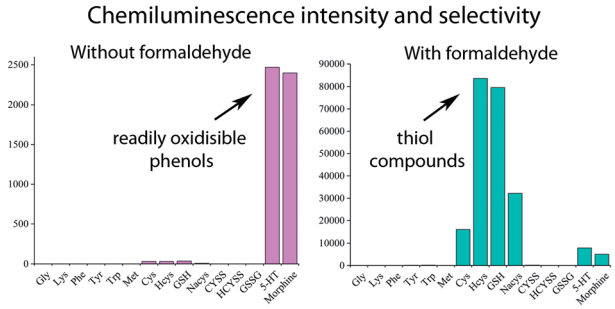


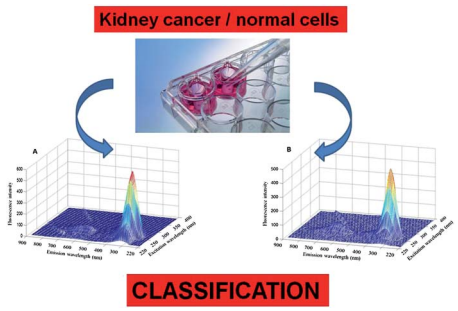


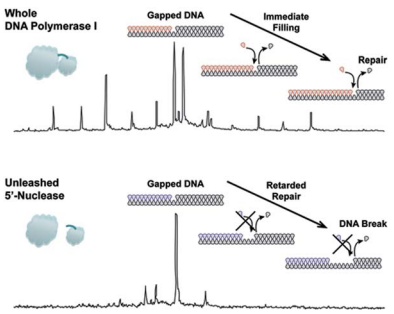


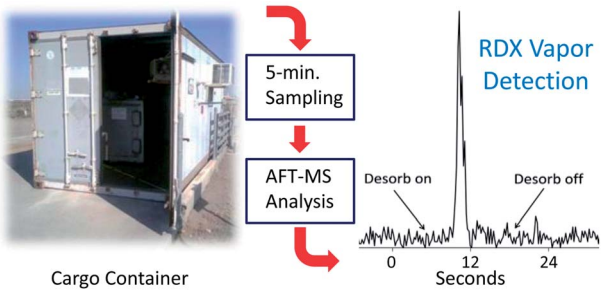
PAPERS

PAPERS



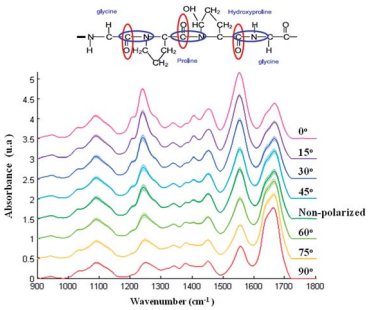


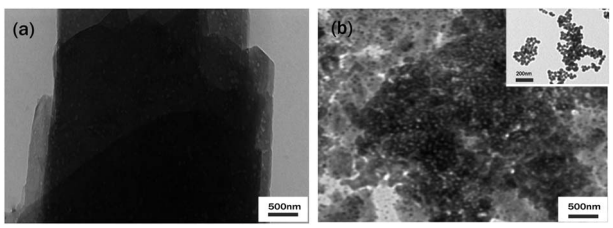


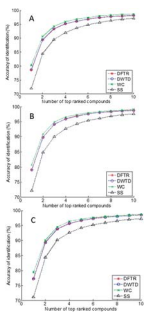


PAPERS

PAPERS

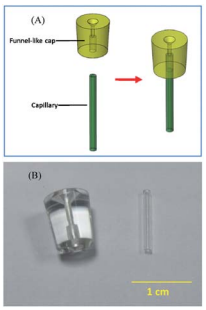


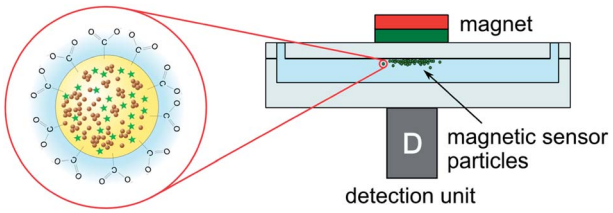


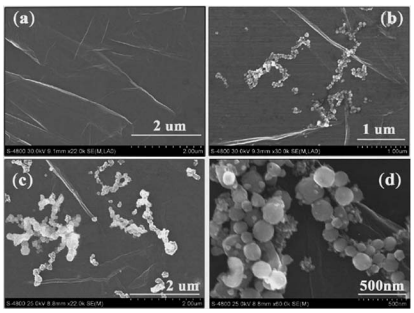


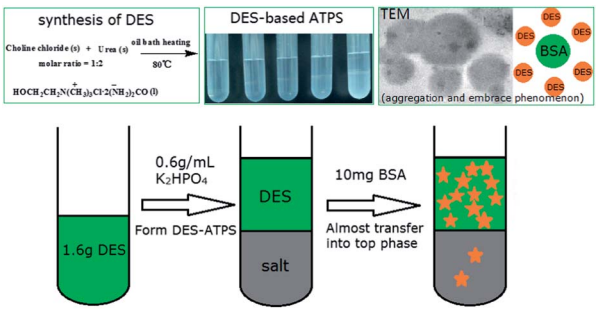
PAPERS

PAPERS









PAPERS