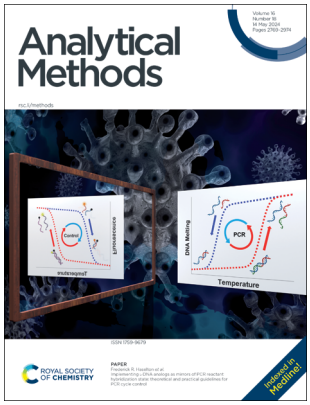
Analytical Methods

rsc.li/methods

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.

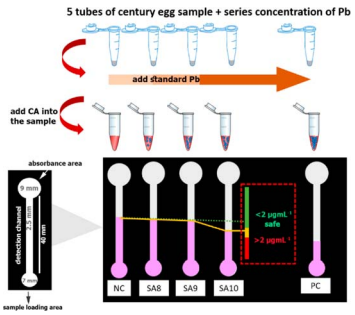
IN THIS ISSUE

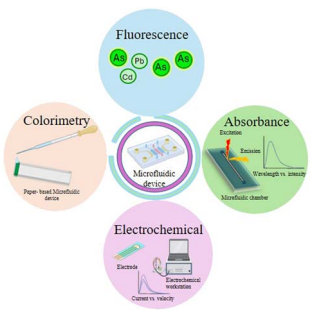
ISSN 1759-9679 CODEN AMNECT 16(18) 2769–2974 (2024)



Cover
See Frederick R. Haselton *et al.*, pp. 2840–2849. Image reproduced by permission of Nicholas Spurlock from *Anal. Methods*, 2024, **16**, 2840.

CRITICAL REVIEWS





ROYAL SOCIETY OF CHEMISTRY

Royal Society of Chemistry approved training courses

Explore your options.
Develop your skills.
Discover learning that suits you.

Courses in the classroom, the lab, or online

Find something for every stage of your professional development. Search our database by:

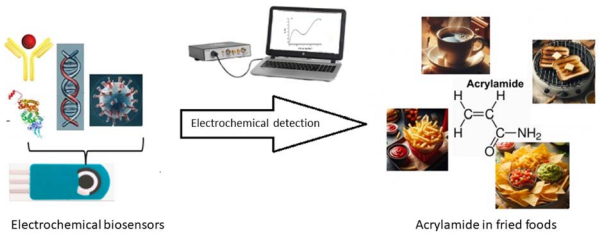
- subject area
- location
- event type
- skill level

Members **get at least 10% off**

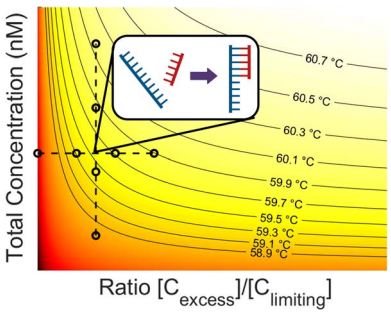
Visit **rsc.li/cpd-training**

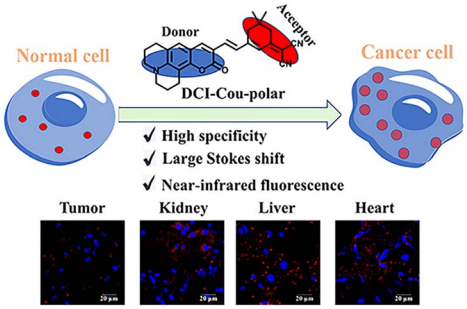
SAVE 10%

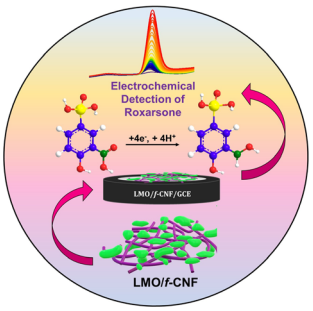
CRITICAL REVIEWS



PAPERS







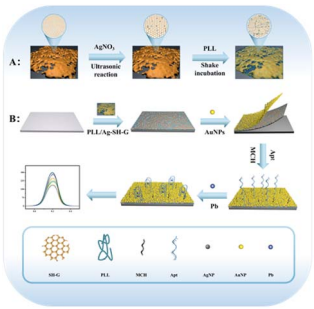
PAPERS

PAPERS

2905

An electrochemical aptasensor based on silver-thiolated graphene for highly sensitive detection of Pb^{2+}

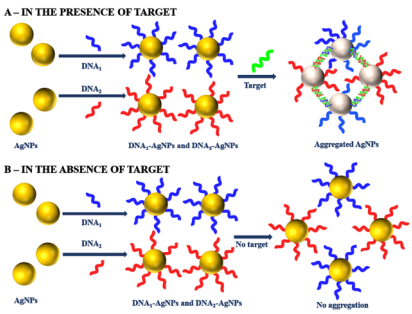
Jie Zhou, Changchun Hu, Shuo Li, Chuanxiang Zhang, Yuan Liu, Zhu Chen, Song Li, Hui Chen and Yan Deng*



2913

A simple and rapid colorimetric detection of *Staphylococcus aureus* relied on the distance-dependent optical properties of silver nanoparticles

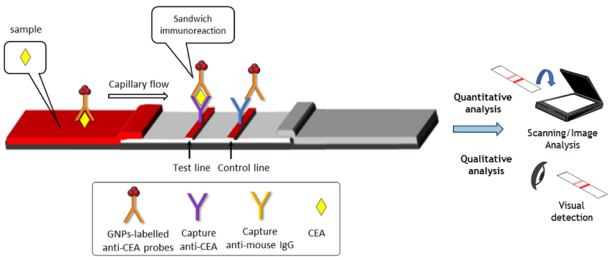
Phan Ngoc Anh Thu, Nguyen Hoang Men, Cam-Duyen Thi Vo, Vo Van Toi and Phuoc Long Truong*



2921

A simplified lateral flow immunosensor for the assay of carcinoembryonic antigen in low-resource settings

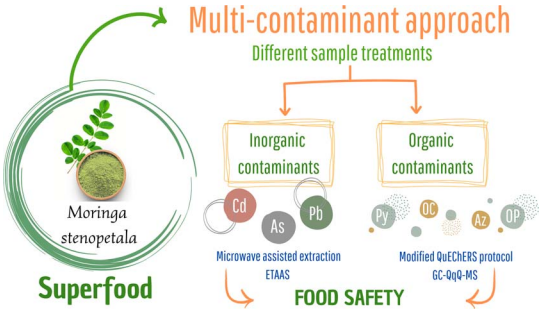
Ioanna Tsogka, Electra Mermiga, Varvara Pagkali, Christos Kokkinos and Anastasios Economou*



2930

Holistic food safety evaluation of herbs: methods for the determination of organic and inorganic trace contaminants in *Moringa stenopetala* as a case study

Ignacio Machado, Natalia Gérez, Analía Bertón, Horacio Heinzen and María Verónica Cesio*



PAPERS

CORRECTION