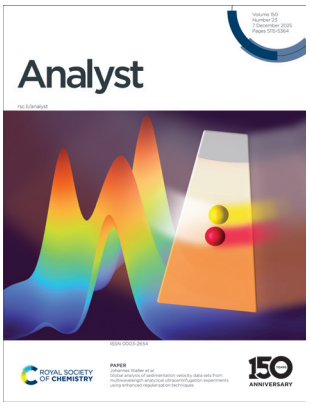
Analyst

rsc.li/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

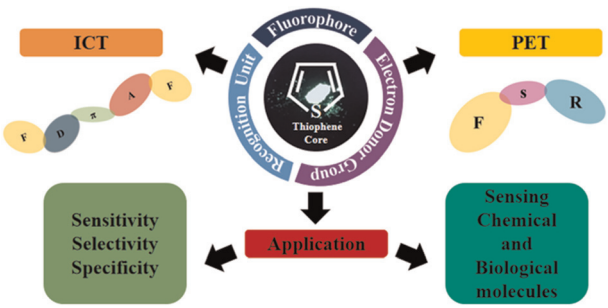
ISSN 0003-2654 CODEN ANALAO 150(23) 5115–5364 (2025)



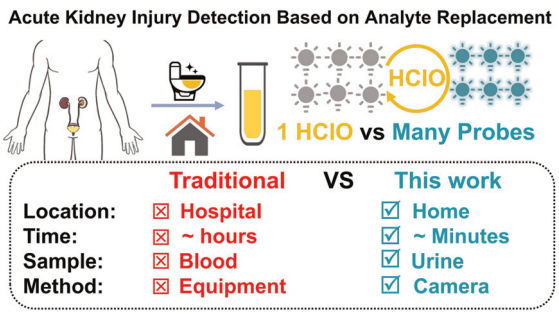
Cover
See Johannes Walter *et al.*, pp. 5147–5165.

Image reproduced by permission of Christina Spruck from *Analyst*, 2025, **150**, 5147.

CRITICAL REVIEW



COMMUNICATION



ROYAL SOCIETY OF CHEMISTRY

NEW JOURNAL

RSC Applied Interfaces

GOLD OPEN ACCESS

Interfacial and surface research with an applied focus

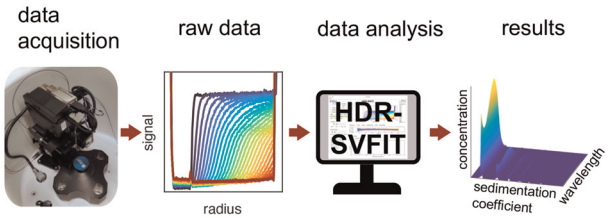
Interdisciplinary and open access

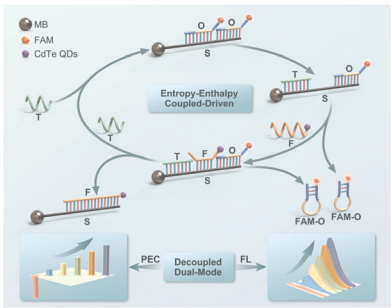
rsc.li/RSCApplInter

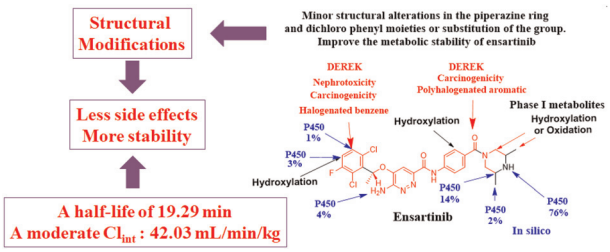
Fundamental questions
Elemental answers

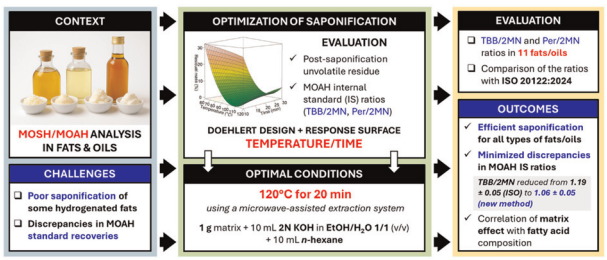
Registered charity number: 207890

PAPERS



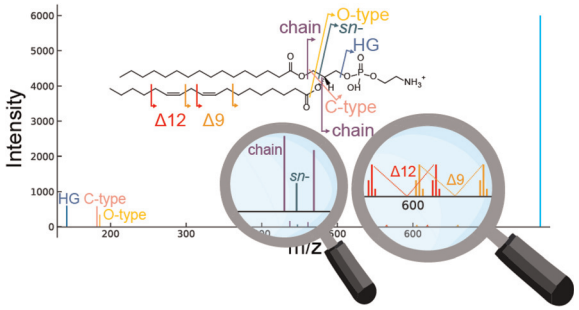






PAPERS

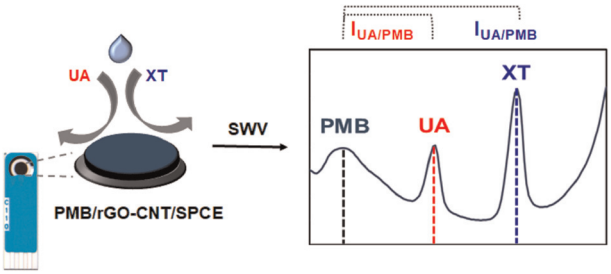
5201



Optimisation of electron-induced dissociation parameters for molecular annotation of glycerides and phospholipids in fast LC-MS

Vincen Wu, Abraham Moyal, Alaa Othman and Nicola Zamboni*

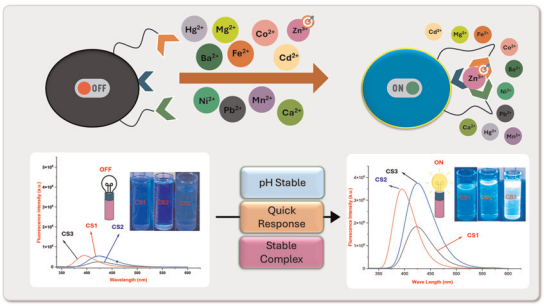
5212



Ratiometric and simultaneous electrochemical analysis of uric acid and xanthine using poly(methylene blue) and reduced graphene oxide nanocomposite-modified screen-printed electrode

Geun Dae Kim, Sang Hyun Cho and Gi-Ja Lee*

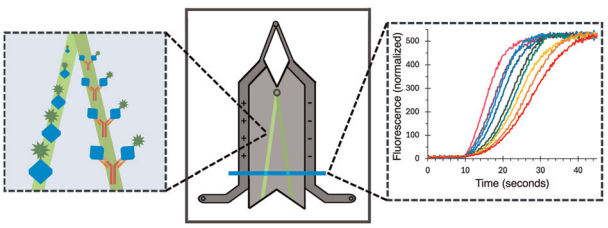
5223



β-Carboline platform-based novel fluorescent probes for the selective detection of zinc ions: synthesis, live-cell imaging and computational studies

Muhammad Ashraf, Mochamad Lutfi Firmansyah, Safwat Abdel-Azeim, Raden J. K. Susilo, Suhailah Hayaza and Nisar Ullah*

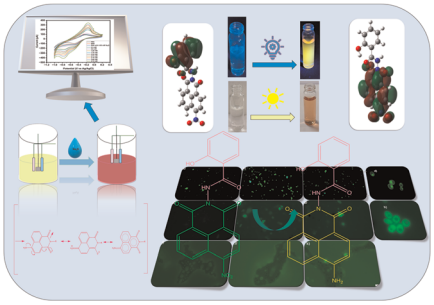
5236

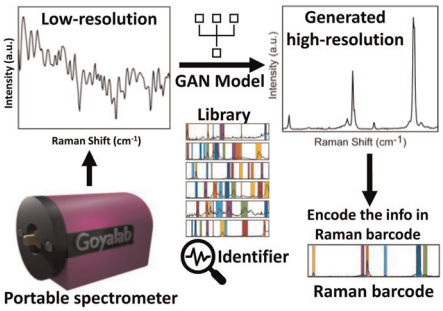


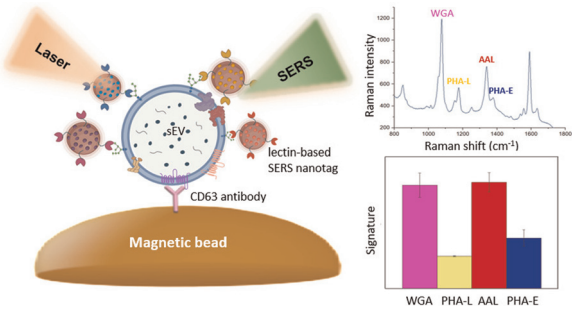
Identifying and minimizing primary sources of temporal broadening in online affinity micro free-flow electrophoresis

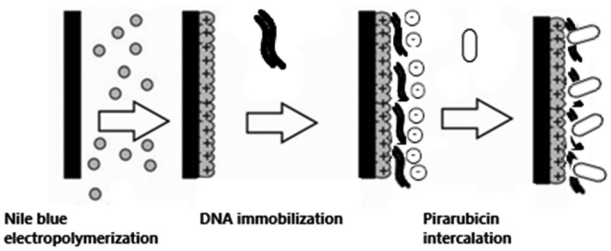
Gretchen S. Burke and Michael T. Bowser*

PAPERS









PAPERS

PAPERS