

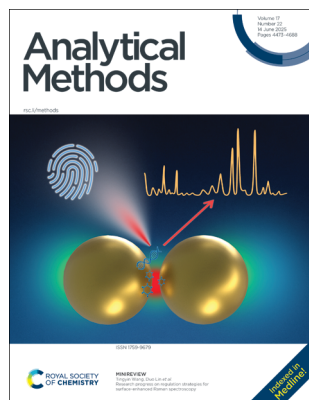
Analytical Methods

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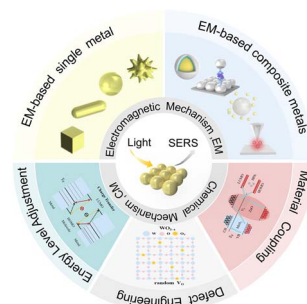
See Tingyin Wang, Duo Lin *et al.*, pp. 4482–4495. Image reproduced by permission of Duo Lin from *Anal. Methods*, 2025, 17, 4482.

MINIREVIEW

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Research progress on regulation strategies for surface-enhanced Raman spectroscopy

Yangmin Wu, Shuohong Weng, Tingyin Wang,* Kien Voon Kong and Duo Lin*

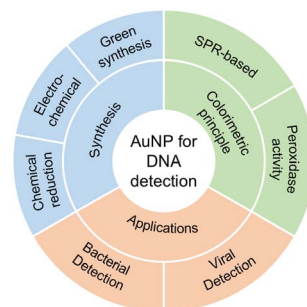


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Nguyen Tran Truc Phuong, Hanh An Nguyen, Thi Ngoc Diep Trinh* and Kieu The Loan Trinh*



Environmental Science: Atmospheres

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Fundamental questions
Elemental answers

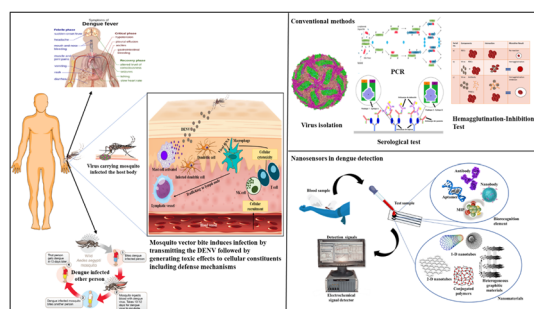


CRITICAL REVIEWS

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Critical analysis of advanced nanosensors for dengue detection

Renu Poria, Ankur Kaushal, Narinder Kaur, Deepak Kala, Gajanan Ghodake, Shagun Gupta* and Deepak Kumar*

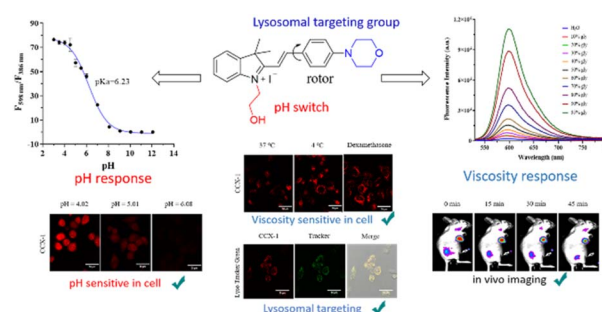


COMMUNICATION

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Rational construction of a simplified hemicyanine-based fluorescent probe CCX-1 with dual pH and viscosity response for lysosome-specific tumour imaging

Qingxiu Chen, Shuanglong Li, Shun Li, Peipei Tong, Ruping Li, Jiaqiang Wu,* Chunli Xia* and Daoyuan Chen*

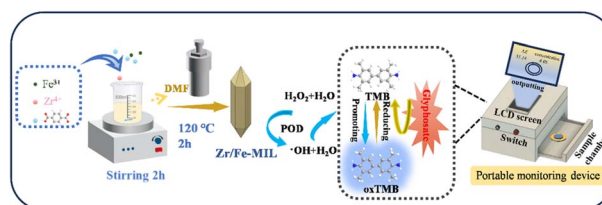


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Development of a Zr/Fe-MIL nanozyme sensor integrated with a user-friendly colorimetric device for glyphosate monitoring

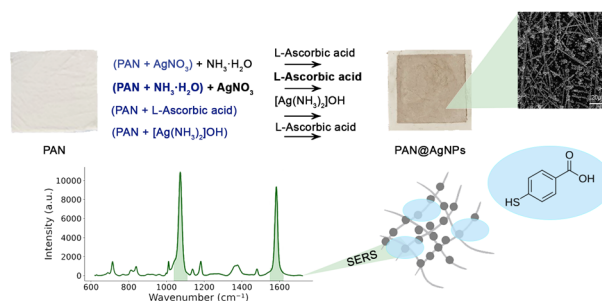
Zeyan Zheng, Kailong Li, Shizhuo Wang, Haojie Zhao, Xuwei Yang, Yajing Niu, Mengyang Li, Xueli Luo, Zhonghong Li and Wenzhi Tang*



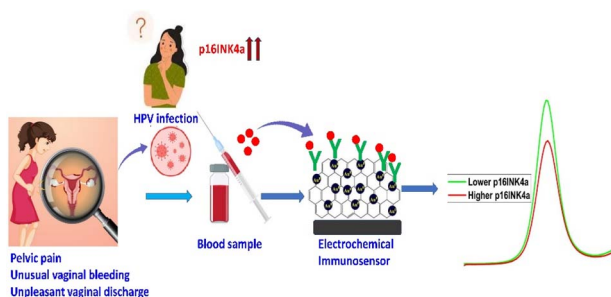
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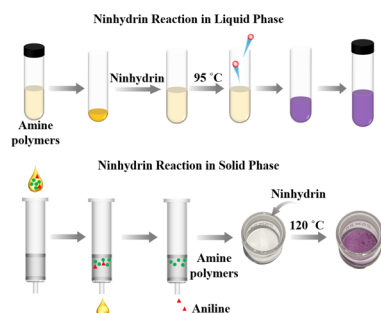
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Development of a highly sensitive, label-free electrochemical immunosensor for p16INK4a detection: a step toward early cervical cancer diagnosis

Hiranmoy Kotal,* Thangapandi Kalyani,* Arunima Lala, Kokilavani R, Ranajit Kumar Mandal and Saikat Kumar Jana*

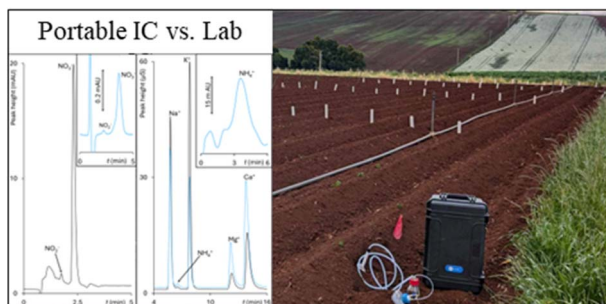
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A novel method of solid state ninhydrin reaction and its application in the quantification of oil-soluble amine polymers

Ge Han, Jing Yang, Yajing Wei, Dan Liu, Qian Liu, Xinheng Cai, Qundan Zhang, Zhongpeng Zhu* and Wei Wang*

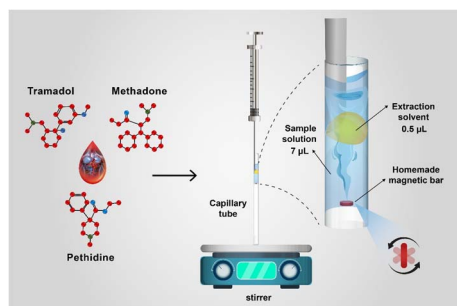
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On-site total inorganic nitrogen determination in soil (pore-water) samples using portable ion chromatography

Kurt Debrulle, Yonglin Mai, Eoin Murray and Brett Paull*

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Trace analysis of basic drugs in micro-volume human plasma samples using a simple device combined with a gas chromatography-flame ionization detector

Tooba Rezazadeh, Mohammad Saraji* and María Ramos-Payán

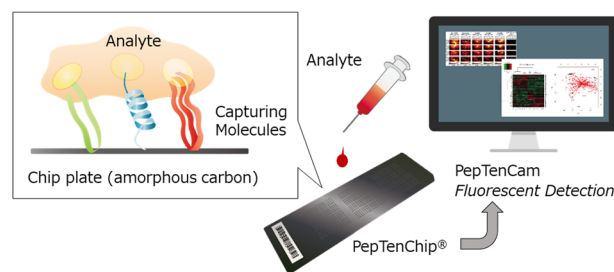


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Development of a new biodetection system independent of known marker molecules using a novel material for microarrays made from amorphous carbon substrates

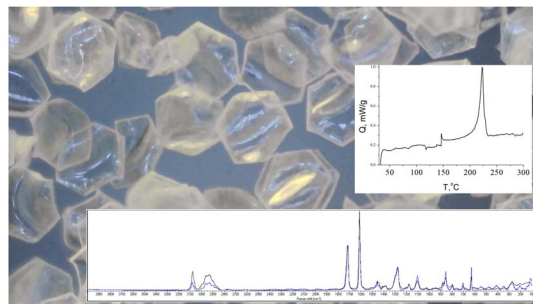
Yuki Tominaga and Kiyoshi Nokihara*



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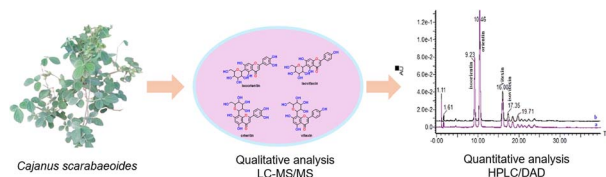
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Structural characterization and quantification of isomeric bioactive flavonoid C-glycosides utilizing high-performance liquid chromatography coupled with diode array detection and mass spectrometry

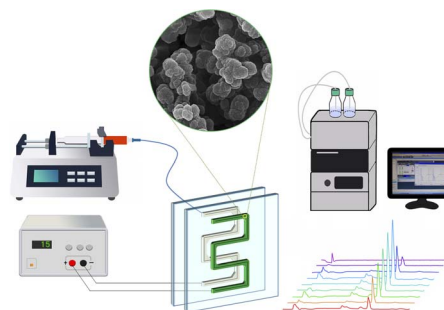
Arvind Kumar Maurya, Ashish Singh Tanwar, Dipak K. Mishra and Sanjeev Kanojiya*



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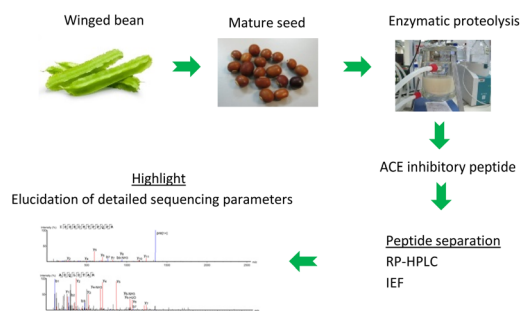
Combination of on-chip electromembrane extraction and solid phase microextraction for determination of non-steroidal anti-inflammatory drugs from biological fluids using poly(methacrylic acid-ethylene glycol dimethacrylate)-Cu/Cr layered double hydroxide composite as a sorbent

Razieh Zamani, Yadollah Yamini* and Monireh Karami



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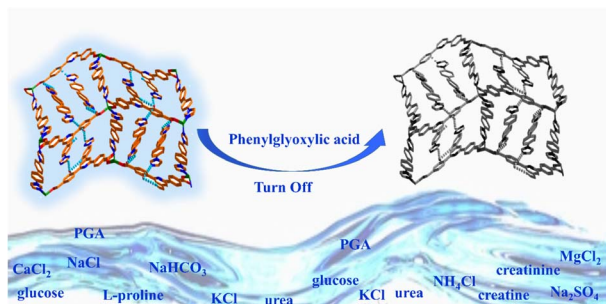
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Two-dimensional profiling and peptide sequencing of angiotensin-I converting enzyme (ACE) inhibitory proteolysate from winged bean (*Psophocarpus tetragonolobus*) seeds

Shyan Yea Chay, Fatema Hossain Brishti, Shehu Muhammad Auwal, Zulhisyam Abdul Kari, Nurdiana Aqilah Roslan, Clement Kiing Fook Wong and Nazamid Saari*

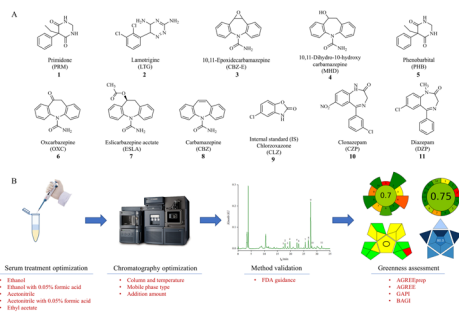
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A stable Zn-coordination polymer for the quantitative and selective detection of biomarker phenylglyoxylic acid in urine

Rongqi Wang, Ruxue Wang, Zeqin Chen, Laiwen Li, Xinyu Zong, Jing Wang* and Ziao Zong*

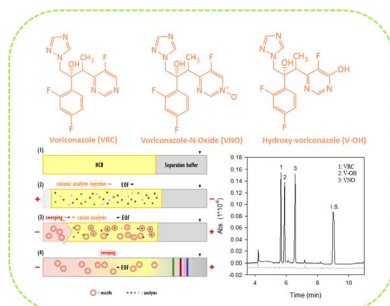
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Optimization and development of a green high performance liquid chromatography method for determination of 8 anti-epileptic drugs and 2 active metabolites in human serum assessed using AGREE, AGREEprep, GAPI and BAGI

Xiao-han Peng, Fan Zhang, Xin-feng Xia, Kun Wang, Yan-lin Zhao, Yan Du and Dao-quan Tang*

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Simultaneous determination of voriconazole and its metabolites in human plasma by capillary electrophoresis with cation-selective exhaustive injection and sweeping micellar electrokinetic chromatography

Tai-Ling Chiang, Chung-Ping Yu, Chia-Wen Chen, Yu-Chao Lin, Pei-Ming Chu* and Yi-Hui Lin*

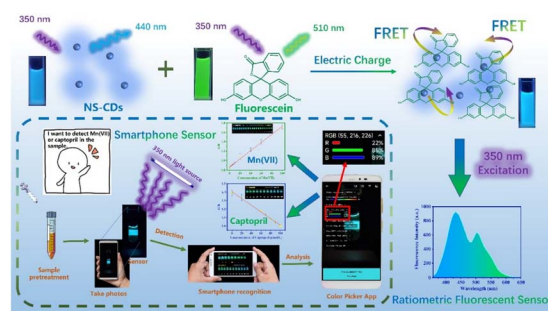


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Development of a NS-CDs/fluorescein ratiometric fluorescent sensor-integrated smartphone platform for rapid and specific detection of Mn(VII) and captopril

Chuntong Liu, Haiyan Qi,* Jiayu Zhang, Jun Li, Tao Jing, Qiuying Li, Lixin Qiu and Xiaochen Zhu



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A near-infrared fluorescent probe for detecting Cu²⁺ and its versatile applications

Peijun Li, Junjie Yang and Liqiang Yan*

