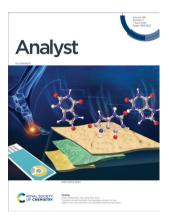
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ISSN 0003-2654 CODEN ANALAO 148(7) 1389-1622 (2023)



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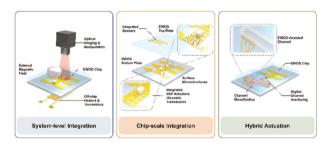
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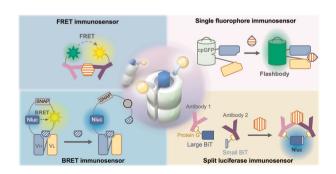
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Analyst (electronic: ISSN 1364-5528) is published 24 times a year by the Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, UK CB4 0WF.

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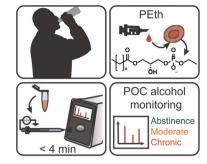


# **COMMUNICATIONS**

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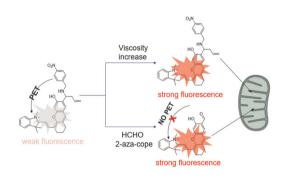
Sangeeta Pandey, Yanyang Hu, Peter L. Anderson, Jennifer J. Kiser\* and R. Graham Cooks\*



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# A NIR fluorescent probe for dual imaging of mitochondrial viscosity and FA in living cells and zebrafish

Feng Liang, Wanyun Huang, Lei Wu, Yihong Wu, Tingrui Zhang, Xiaolong He, Zhouyu Wang, Xiaoqi Yu, Yuzhi Li\* and Shan Qian\*

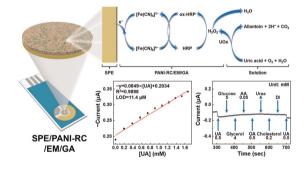


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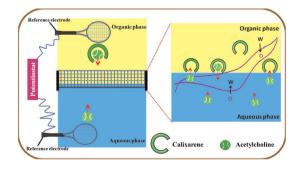
Ruth Stephanie, Dae Yeon Lee, Chan Yeong Park\* and Tae Jung Park\*



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# Disposable-micropipette tip supported electrified liquid-organogel interface as a platform for sensing acetylcholine

S. Sudalaimani, S. Arun, A. Esokkiya, K. Sanjeev Kumar, C. Sivakumar and K. Giribabu\*



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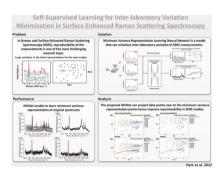
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# Differential response for multiple ions: a smart probe to construct optically tunable molecular logic systems

Monaj Karar, Rikitha S. Fernandes and Nilanjan Dey\*

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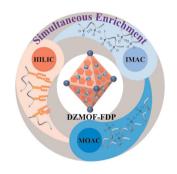
IMPLICATION



# Self-supervised learning for inter-laboratory variation minimization in surface-enhanced Raman scattering spectroscopy

Seongyong Park, Abdul Wahab, Minseok Kim and Shujaat Khan\*

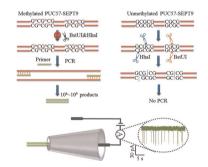
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# Simultaneous enrichment optimization of glycopeptides and phosphopeptides with the highly hydrophilic DZMOF-FDP

Xiaoyu Zhou, Hongyan Zhang, Li Wang, Liting Lv and Ren'an Wu\*

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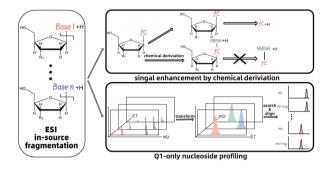
# A nanopore counter for highly sensitive evaluation of DNA methylation and its application in *in vitro* diagnostics

Jiahai Wang, Lanfang Chen, Cenlin Gui, Jianji Zhu, Baian Zhu, Zhuobin Zhu, Yunhui Li and Daqi Chen\*

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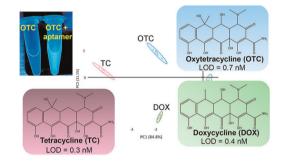
Yu-Nan Chen, Xu-Yang Shen, Yue Yu, Chen-Yu Xue, Ying-Lin Zhou\* and Xin-Xiang Zhang



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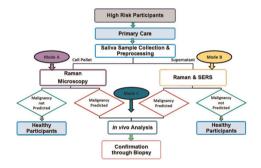
Yichen Zhao, Biwen Gao, Yijing Chen and Juewen Liu\*



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# Mobile multi-configuration clinical translational Raman system for oral cancer application

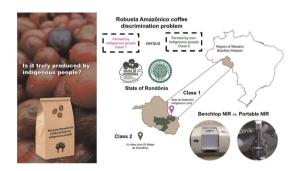
Siddra Maryam,\* Sanathana Konugolu Venkata Sekar, M. Daniyal Ghauri, Edward Fahy, Marcelo Saito Noqueira, Huihui Lu, Flavien Beffara, Georges Humbert, Richeal Ni Riordain, Patrick Sheahan, Ray Burke, Kiang Wei Kho, Rekha Gautam and Stefan Andersson-Engels



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Discrimination of Robusta Amazônico coffee farmed by indigenous and non-indigenous people in Amazon: comparing benchtop and portable NIR using ComDim and duplex

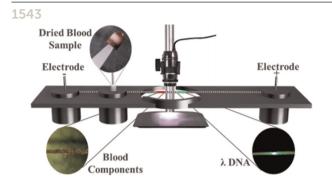
Michel Rocha Baqueta, Patrícia Valderrama, Enrique Anastácio Alves, Juliana Azevedo Lima Pallone\* and Federico Marini\*



# Gas CID Mobility Resolved Fragment Ions

# Characterizing the top-down sequencing of protein ions prior to mobility separation in a timsTOF

Katherine A. Graham, Charles F. Lawlor and Nicholas B. Borotto\*



# A thread-based electrofluidic platform for direct transfer, separation, and pre-concentration of materials from sample swabs

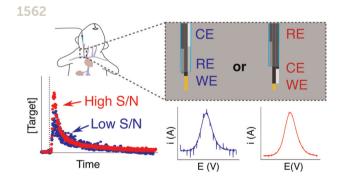
Arushi Manchanda, Vipul Gupta,\* Liang Wu and Brett Paull



# Electrochemical screening method Seited sorreles of MEP Methonol Divition in pipporting electrolyte Extraction: 10 min POSITIVE TEST Ordination Positive Test Ordination Positive Test Ordination Ordination Divition in pipporting electrolyte Extraction: 10 min Positive Test Ordination Ordination Divition in pipporting Extraction: 10 min Extraction: 10 min Divition in pipporting Extraction: 10 min Extraction: 10 min Divition in pipporting Extraction: 10 min Extraction: 10 min Divition in pipporting Extraction: 10 min Extraction: 10 min Divition in pipporting Extraction: 10 min Divition in pipporting Extraction: 10 min Extraction: 10 min Divition in pipporting Extraction: 10 min Extraction: 10 min Divition in pipporting Extraction: 10 min Extraction: 10 min Extraction: 10 min Extraction: 10 min Divition in pipporting Extraction: 10 min Extraction: 10

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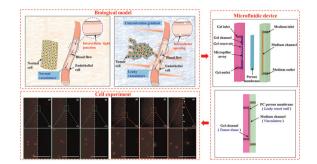
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A microfluidic device inspired by leaky tumor vessels for hematogenous metastasis mechanism research

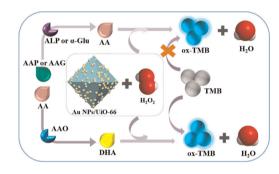
Shuqing Yin, Ruoyu Lu, Yang Li, Dexian Sun, Chong Liu, Bo Liu\* and Jingmin Li\*



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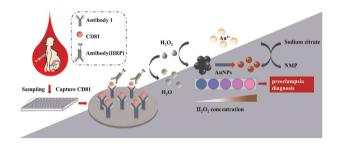
Wendong Liu, Dingding Zhang, Fanghua Zhang, Zhe Hao, Yuyan Li, Mingzheng Shao, Ruizhong Zhang,\* Xiyan Li\* and Libing Zhang\*



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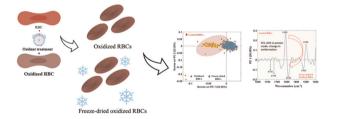
Kexuan Chen, Nan Ma, Haobo Sun, Xueji Zhang and Jinming Kong\*

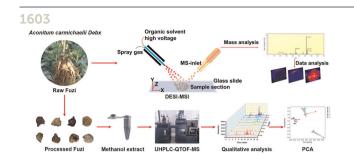


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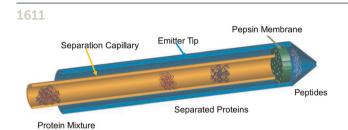
Thulya Chakkumpulakkal Puthan Veettil, Diana Alves, Jitraporn Vongsvivut, Rosemary L. Sparrow, Bayden R. Wood\* and Gil Garnier\*





# Spatial distribution and comparative analysis of *Aconitum* alkaloids in Fuzi using DESI-MSI and UHPLC-QTOF-MS

Zhenhui Ren, Huixia Zhang, Liu Yang, Xin Chen, Shuai Zhang, Shiqi Chen, Daowen Li, Cun Li and Haiyang Jiang\*



Online protein digestion in membranes between capillary electrophoresis and mass spectrometry

Kendall A. Ryan and Merlin L. Bruening\*