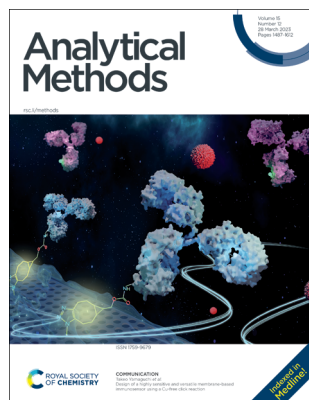


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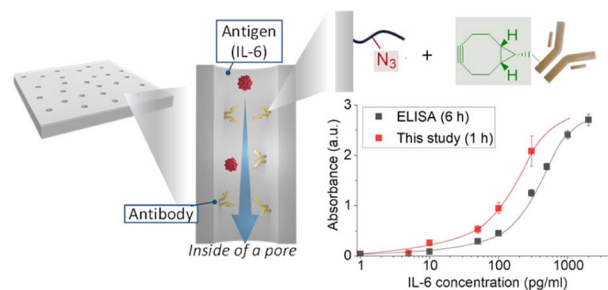
See Takeo Yamaguchi *et al.*, pp. 1494–1499. Image reproduced by permission of Hiroto Okuyama from *Anal. Methods*, 2023, 15, 1494.

COMMUNICATION

1494

Design of a highly sensitive and versatile membrane-based immunosensor using a Cu-free click reaction

Hiroto Okuyama, Yukari Kodama, Kazuya Takemura, Hiroki Yamashita, Yuhei Oshiba and Takeo Yamaguchi*

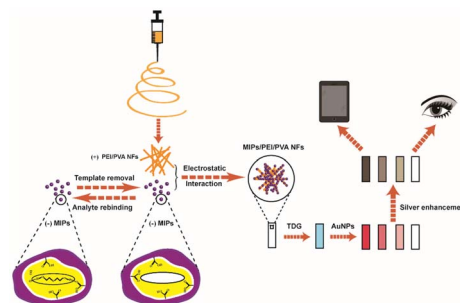


PAPERS

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Electrostatic assemblies of molecularly imprinted polymers on the surface of electrospun nanofiber membranes for the point-of-care detection of thiodiglycol, a sulfur mustard poisoning metabolic marker

Yu Jie Luo, Qi Chao Ye, Tian Jin Xie, Li Li Tian, Yuan Yan, Zhan Lei, Dong Mei Wang, Cheng Zhi Huang, Yuan Fang Li and Shu Jun Zhen*



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All orders, with cheques made payable to the Royal Society of Chemistry, should be sent to the Royal Society of Chemistry Order Department, Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, CB4 0WF, UK

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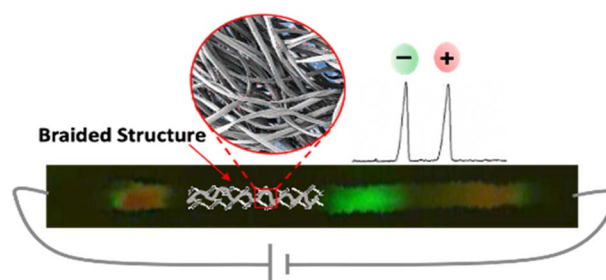


PAPERS

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Tuning the electrophoretic separations on a surface accessible and flexible fibre-based microfluidic devices

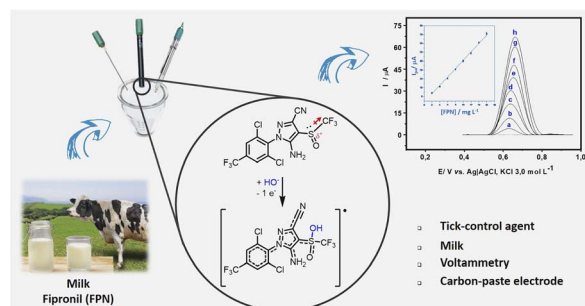
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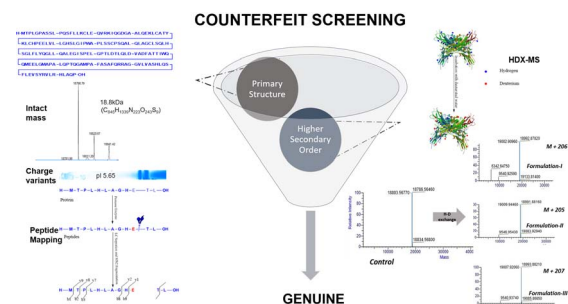
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A rapid discriminative hydrogen–deuterium exchange and LC-HRMS/MS strategy for primary and higher order structural mapping of therapeutic proteins: a case study using filgrastim

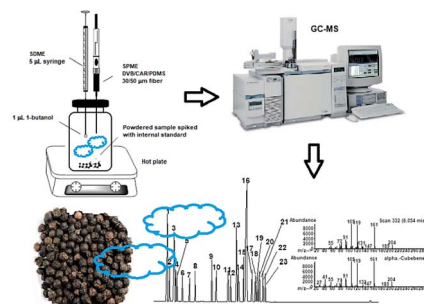
Harsh Thakkar, Rameswari Eerla, Lokesh Sharma and Ravi P. Shah*



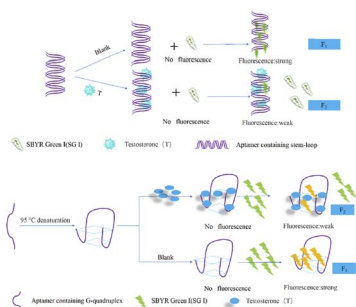
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A rapid and green GC-MS method for the sampling of volatile organic compounds in spices and flowers by concurrent headspace single-drop microextraction and solid-phase microextraction

Manju Gupta, Soumitra Soni, Archana Jain and Krishna K. Verma*



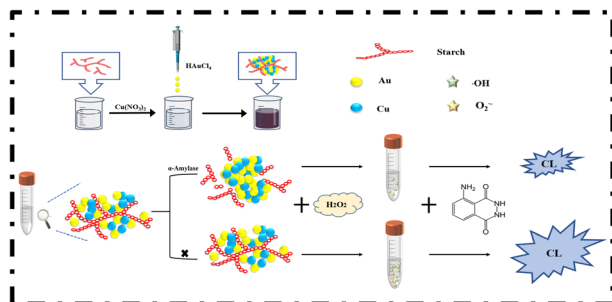
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A label-free fluorescent aptamer sensor for testosterone based on SYBR Green I

Yucui Hou, Xiaoling Lu, Jie Yang, Chunhua Tang, Hanbing Jiang, Tongji Cai, Meilun Chen, Zheng Wei and Peng Yu*

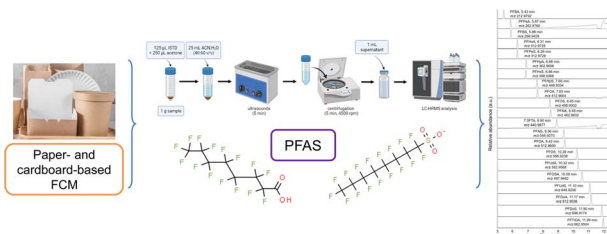
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Cu/Au nanoclusters with peroxidase-like activity for chemiluminescence detection of α -amylase

Xiaoxu Zhang, Yuying Jia, Yanqun Fei, Yongzhuang Lu, Xiaoli Liu, Hongyan Shan and Yanfu Huan*

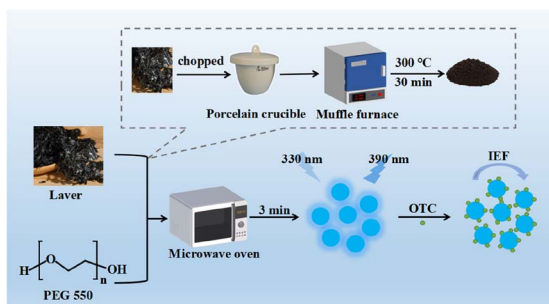
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Determination of 21 per- and poly-fluoroalkyl substances in paper- and cardboard-based food contact materials by ultra-high-performance liquid chromatography coupled to high-resolution mass spectrometry

Pablo Miralles, María Isabel Beser, Yovana Sanchís, Vicent Yusà and Clara Coscollà*

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Green and rapid synthesis of biomass carbon dot-based fluorescence sensing for the sensitive determination of oxytetracycline

Qianji Li, Xiwen Wu, Xiaohuan Zhang, Wenen Su, Yan Tan, Pengfei Fan, Jinqian Liu* and Shengyuan Yang*

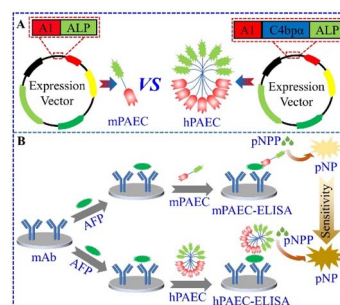


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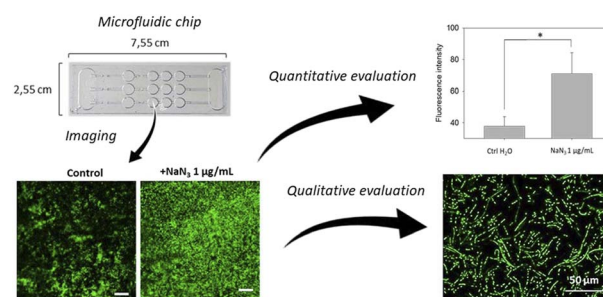
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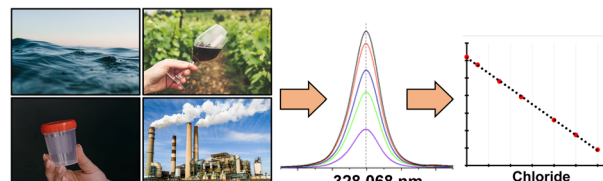
Varvara Gribova,* Jesus Manuel Antunez Dominguez, Alan Morin, Julia Sepulveda Diaz, Philippe Lavalle and Nihal Engin Vrana*



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Nadav Lerner, Hanan Avraham, Nitai Leffler, Ira A. Weinstock and Offer Zeiri*



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Tiantian Tang, Wanyi Chen, Lixian Li and Shurui Cao*

