Analytical Methods

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IN THIS ISSUE

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Cover

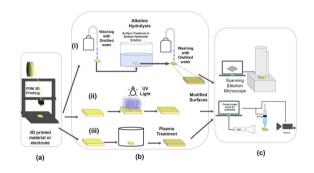
See Hao Liang et al., pp. 496-502. Image reproduced by permission of Hao Liang from Anal. Methods, 2024, 16, 496.

TUTORIAL REVIEW

485

A review on the surface modification of materials for 3D-printed diagnostic devices

Mridupaban Deka, Nibedita Sinha, Rajkamal Das, Nihal Kumar Hazarika, Hrishikesh Das, Bethuel Daurai and Manashjit Gogoi*

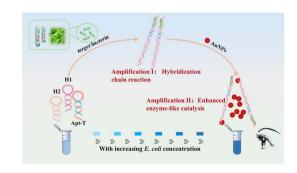


PAPERS

496

Target-triggered dual signal amplification based on HCR-enhanced nanozyme activity for the sensitive visual detection of Escherichia coli

Hangli Yan, Linghao Wu, Jingyu Wang, Yi Zheng, Fengxia Zhao, Qinqin Bai, Hongmei Hu, Hao Liang* and Xiangheng Niu





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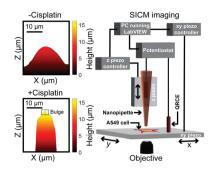
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503

Scanning ion conductance microscopy revealed cisplatin-induced morphological changes related to apoptosis in single adenocarcinoma cells

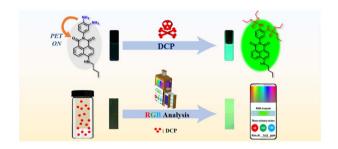
Yusuf Muhammed and Robert A. Lazenby*



515

A highly sensitive fluorescence probe for on-site detection of nerve agent mimic diethylchlorophosphonate DCP

Changzhou Chen, Wei Zhang, Yingjun Ke, Lirong Jiang* and Xichao Hu*



524

Efficient extraction based on a polydimethylsiloxane/ bimetallic ZnCo-MOF carbonization sponge coupled with GC-MS for the rapid analysis of volatile compounds in cumin

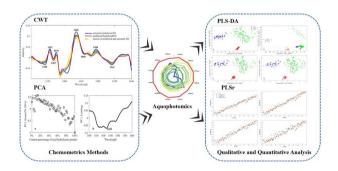
Dandan Li, Jihong Fu,* Shuxian Ren and Xinxing Jiang



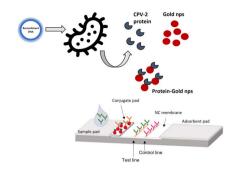
537

Detection and analysis of hyaluronic acid raw materials from different sources by NIR and aquaphotomics

Xiaobo Ma, Xueping Guo, Boran Lin, Haowei Wang, Qin Dong, Siling Huang, Lian Li* and Hengchang Zang*



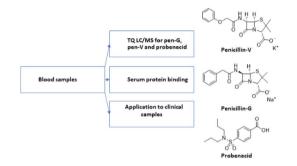
551



A novel lateral flow immunochromatographic assay using a recombinant VP2 antigen for total antibody detection of canine parvovirus-2

Ezgi Salmanli, Tugba Tezcan* and Taner Karaoglu*

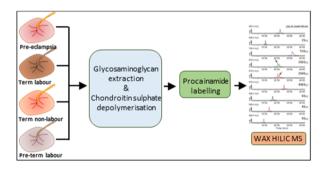
558



A low-volume LC/MS method for highly sensitive monitoring of phenoxymethylpenicillin, benzylpenicillin, and probenecid in human serum

Alaa Riezk,* Richard C. Wilson, Anthony E. G. Cass, Alison H. Holmes and Timothy M. Rawson

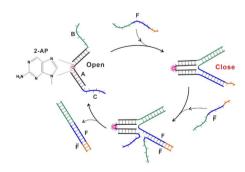
566



Disaccharide compositional analysis of chondroitin sulphate using WAX HILIC-MS with pre-column procainamide labelling; application to the placenta in pre-eclampsia

Imeobong U. Antia, Frank A. Hills and Ajit J. Shah*

576



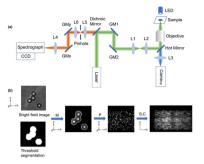
2-Aminopurine-based quencher-free DNA tweezers with fluorescence properties well tuned by surrounding bases

Fangfang Yang, Shuang Li, Jialiang Wu and Shufeng Liu*

583

Compressive Raman imaging by combining scattering-projection interleaving with contextaware excitation

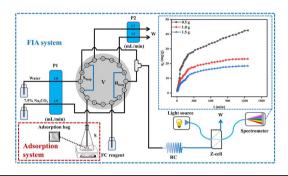
Yakun Wang, Hang Yuan, Xuan Zhao, Pengfei Zhang,* Guiwen Wang* and Feng Gao



589

Precise evaluation of batch adsorption kinetics of plant total polyphenols based on a flow-injection online spectrophotometric method

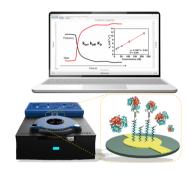
Gaowei Guo, Turghun Muhammad,* Zulihumaer Aimaiti, Almire Dolkun, Mei Tian, Qian Zhao and Aikebaier Reheman



599

Real-time kinetic analysis and detection of glycated hemoglobin A1c using a quartz crystal microbalance-based aptasensor

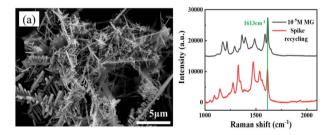
Yossawadee Sriondee, Pasara Vijitvarasan, Arunothai Rattanachata, Hideki Nakajima, Sukunya Oaew* and Sarawut Cheunkar*



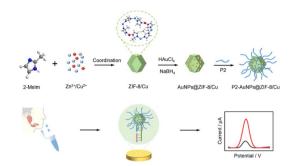
608

A porous silicon composite with irregular silver nano-dendritic particles: a rapid optical sensor for trace detection of malachite green in freshwater fish

Zhen Liu, Daohan Ge,* Chengxiang Zhao, Jiakang Shi, Zhou Zeng, Zhiwei Fang, Jingcheng Liu and Liqiang Zhang*



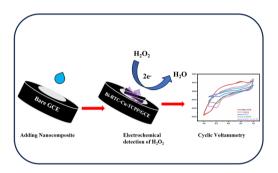
615



Cu²⁺-doped zeolitic imidazolate frameworks and gold nanoparticle (AuNPs@ZIF-8/Cu) nanocomposites enable label-free and highly sensitive electrochemical detection of oral cancer-related biomarkers

Xueting Hu, Dengxue Qiu, Qi Jiang, Qin Xu and Jing Li*

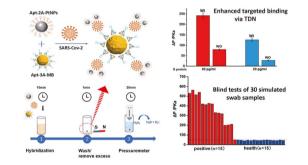
624



Highly efficient electrochemical detection of $\rm H_2O_2$ utilizing an innovative copper porphyrinic nanosheet decorated bismuth metal—organic framework modified electrode

Nandha Gopal Balasubramaniyan and Panneerselvam Perumal*

639



Enhanced portable detection for Sars-CoV-2 utilizing DNA tetrahedron-tethered aptamers and a pressure meter

Xingbo Yu, Ying Wang, Kun Wang, Ziyuan Zhu, Lu Xiao, Yishun Huang,* Yanling Song and Dan Liu*

CORRECTION

645

Correction: An impedimetric immunosensor for diagnosis of Brazilian spotted fever in blood plasma

Marx Osório Araújo Pereira, Álvaro Ferreira Júnior, Edson Silvio Batista Rodrigues, Helena Mulser, Giovanna Nascimento de Mello e Silva, Wallans Torres Pio dos Santos and Eric de Souza Gil*