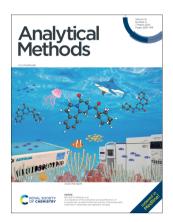
Analytical Methods

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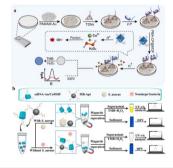
See Richard D. Webster et al., pp. 1323-1329. Image reproduced by permission of Richard D. Webster from Anal. Methods, 2024, 16, 1323.

CRITICAL REVIEW

1306

Advances in electrochemical-optical dual-mode biosensors for detection of environmental pathogens

Chou-Yi Hsu, Raed Obaid Saleh, Harikumar Pallathadka,* Abhinav Kumar, Sofiene Mansouri, Priyadharshini Bhupathi,* Saad Hayif Jasim Ali, Zuhair I. Al-Mashhadani, Laith H. Alzubaidi and Manar Mohammed Hizam

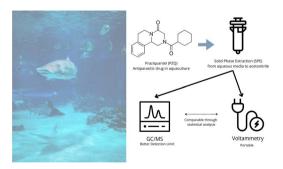


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A comparison of the detection and quantification of praziquantel via electrochemical and gas chromatography methods in freshwater and saltwater samples

Panyawut Tonanon, Katherine Jalando-On Agpoon and Richard D. Webster*







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Fundamental questions Elemental answers

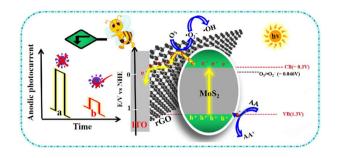


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A simple photoelectrochemical aptasensor based on MoS₂/rGO for aflatoxin B1 detection in grain crops

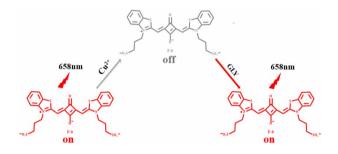
Cuizhong Zhang, Qiang Wang, Chuanze Zhong, Ye Yang, Xuexue Liang, Peican Chen* and Liya Zhou*



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An on-off-on fluorescent probe for the detection of glyphosate based on a Cu2+-assisted squaraine dye sensor

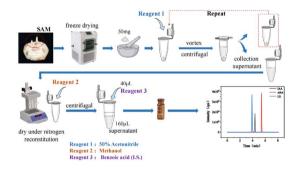
Shuhua Zhao, Lei Shi, Xiufeng Zhang, Xiaoran Sun, Wenxuan Zhu and Lijia Yu*



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A rapid and sensitive ultra-performance liquid chromatography-tandem mass spectrometry method for determination of phytohormones in the medicinal plant saffron

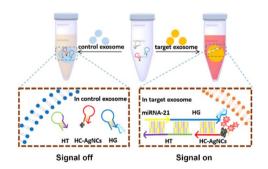
Jing Chen, Yuanyuan Tao, Shuhui Yang, Fenggin Jiang, Guifen Zhou, Xiaodong Qian, Yuehong Zhu and Ligin Li*



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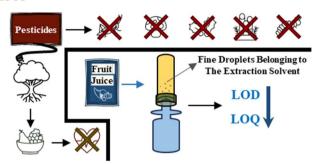
A label-free activatable biosensor for in situ detection of exosomal microRNAs based on DNA-AgNCs and hairpin type nucleic acid probes

Duo Li, Qian-Wen Li, Hui Xiang, Shi-Shan Yuan* and Xiao-Ping Yang*



PAPERS

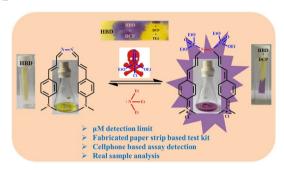
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An accurate and sensitive determination of selected pesticides in mixed fruit juice samples using the combination of a simple and efficient microextraction method and GC-MS with a matrix matching calibration strategy

Süleyman Bodur, Bahar Karademir Tutar, Ömer Faruk Tutar and Sezgin Bakırdere*

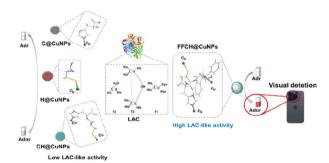
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Highly selective and sensitive chromogenic recognition of sarin gas mimicking diethylchlorophosphate

Manas Mahato, Tuhina Sultana, Arpita Maiti, Sabbir Ahamed, Najmin Tohora, Susanta Ghanta and Sudhir Kumar Das*

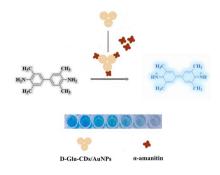
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Boosting the LAC-like activity of tetrapeptide capped copper nanoparticle-based nanozymes for colorimetric determination of adrenaline

Lin Tian, Li Qi,* Yutong Liu, Zhenwen Zhao and Wei Liu*

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Colorimetric assay for α -amanitin based on inhibition of carbon dots/AuNPs nanoenzyme activity

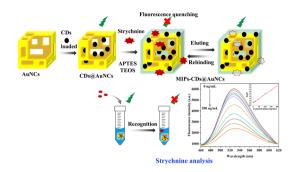
Jiale Gao, Zhongmei Peng, Yuzhu Song, Jinyang Zhang and Qingin Han*

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Ultra-sensitive fluorescent detection of strychnine based on carbon dot self-assembled gold nanocage sensing probe

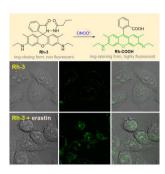
Jiang Ling, Zhihua Zhang, Wengi Zhang, Di Wen and Yanjun Ding*



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Development of bishydrazide-based fluorescent probes for the imaging of cellular peroxynitrite (ONOO⁻) during ferroptosis

Shijing Li, Abdul Hadi Mehmood, Xiaochan Tang, Tao Yue* and Baoli Dong*



CORRECTIONS

1415

Correction: Body composition analysis via spatially resolved NIR spectroscopy with multifrequency bioimpedance precision

Evgeny Shirshin,* Boris Yakimov, Denis Davydov, Alexey Baev, Gleb Budylin, Nikolay Fadeev, Daria Kopytina, Liliya Urusova, Nano Pachuashvili, Olga Vasyukova and Natalia Mokrysheva

1416

Correction: Evaluation of separation performance for eggshell-based reversed-phase HPLC columns by controlling particle size and application in quantitative therapeutic drug monitoring

Tomoka Yoshii, Kohei Nakano, Tomoaki Okuda, Daniel Citterio and Yuki Hiruta*