

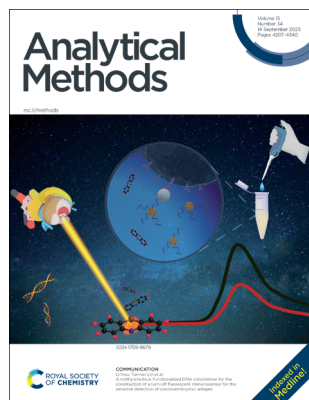
Analytical Methods

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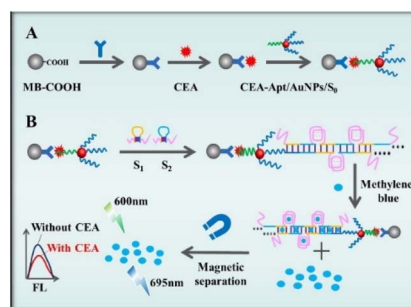
See Li Hou, Tianran Lin *et al.*, pp. 4215–4219. Image reproduced by permission of Juanjuan Huang, Yanling Chen, Li Hou and Tianran Lin from *Anal. Methods*, 2023, 15, 4215.

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A methylene blue-functionalized DNA concatemer for the construction of a turn-off fluorescent immunosensor for the sensitive detection of carcinoembryonic antigen

Juanjuan Huang, Yanling Chen, Li Hou* and Tianran Lin*

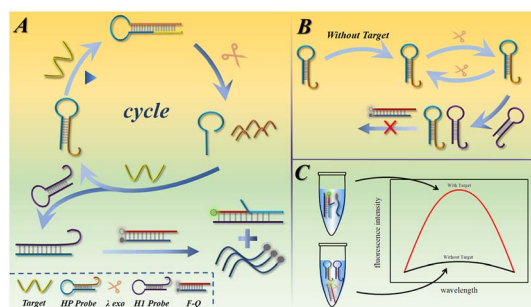


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Biosensor model based on single hairpin structure for highly sensitive detection of multiple targets

Ruiting Tian, Weihua Zhao, Hongbo Li,* Shiwen Liu and Ruqin Yu



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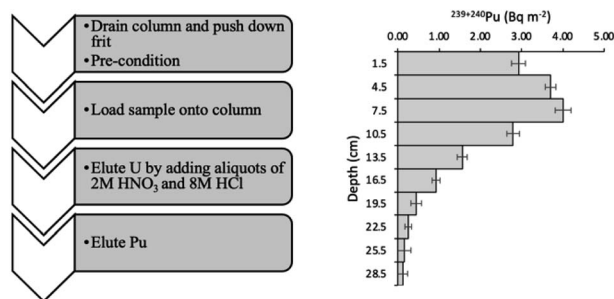


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Optimisation of plutonium separations using TEVA cartridges and ICP-MS/MS analysis for applicability to large-scale studies in tropical soils

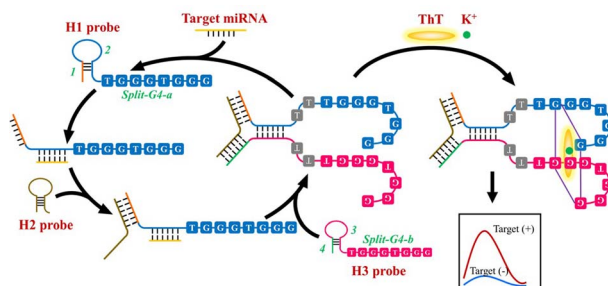
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A simple, sensitive and label-free method for miRNA analysis in gastric cancer *via* catalytic hairpin assembly assisted programming of split-G-quadruplexes

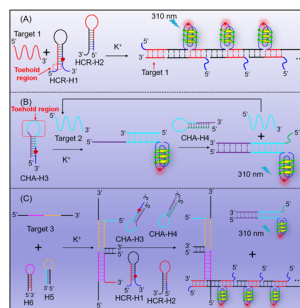
Xiaoli Ma, Hongmei Liu and Siyu Tao*



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Enzyme-free and sensitive method for single-stranded nucleic acid detection based on CHA and HCR

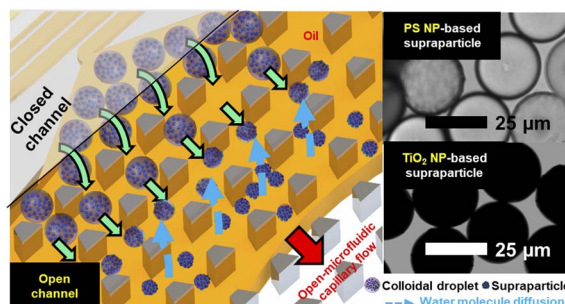
Xiaolong Chen, Chaowang Huang, Fuping Nie* and Mingdong Hu*



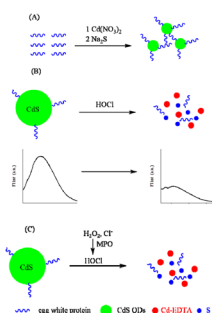
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High-throughput fabrication of monodisperse spherical supraparticles through a reliable thin oil film and rapid water diffusion

Wonhyung Lee, Youngjae Nam and Joonwon Kim*



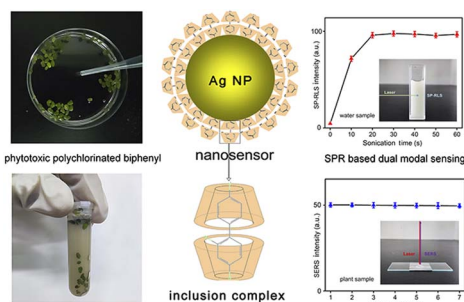
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Xiaodong Xia*

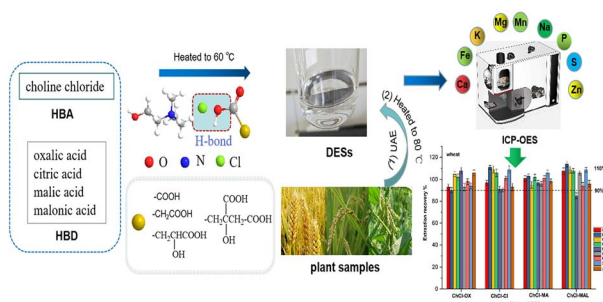
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One-pot preparation of supramolecularly functionalized silver nanoparticles for surface plasmon resonance based dual-modal sensing of phytotoxic polychlorinated biphenyl

Jingcheng Cui, Shichao Chen, Yu Wang, Zhongyuan Ji, Wenhui Lu, Yanyan Zhu, Yongshan Ma, Feiyong Chen and Guiqin Zhang*

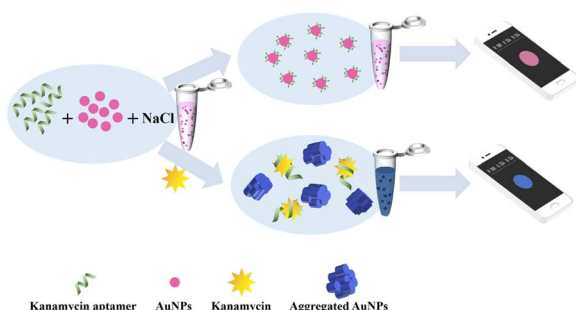
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Determination of major and trace elements in plant samples by inductively coupled plasma optical emission spectrometry with deep eutectic solvent extraction based on choline chloride and carboxylic acids

Wenzhi Zhao, Yanfeng Sun, Xiaoyong Wei, Guangyuan Niu and Chuanfang Zhou*

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A smartphone-based gold nanoparticle colorimetric sensing platform for kanamycin detection in food samples

Ziyan Yu, Yaxiao Liao, Jie Liu, Qin Wu, Yu Cheng and Ke Huang*

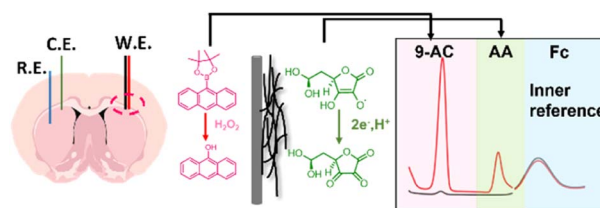


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An electrochemical microsensor based on a specific recognition element for the simultaneous detection of hydrogen peroxide and ascorbic acid in the live rat brain

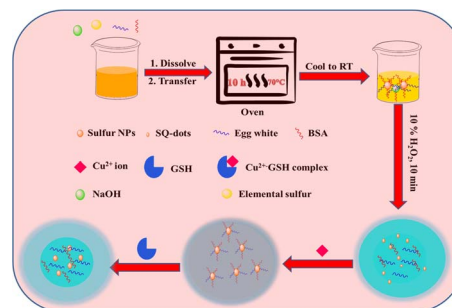
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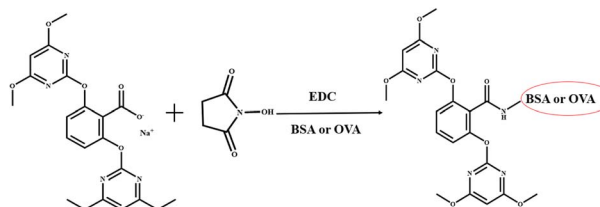
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Monoclonal antibody production and development of immunochromatographic strip assays for screening of the herbicide bispyribac-sodium in rice

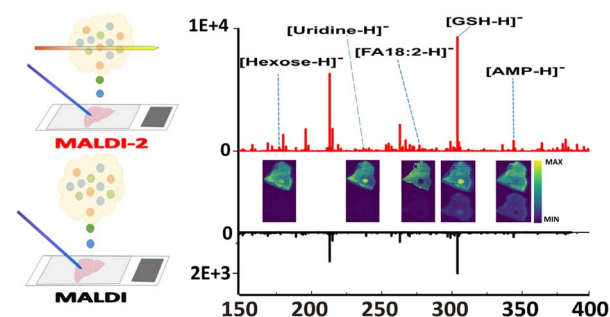
Mengjia Chao, Xinxin Xu, Aihong Wu, Wei Zhou, Chuanlai Xu, Liqiang Liu* and Lingling Guo*



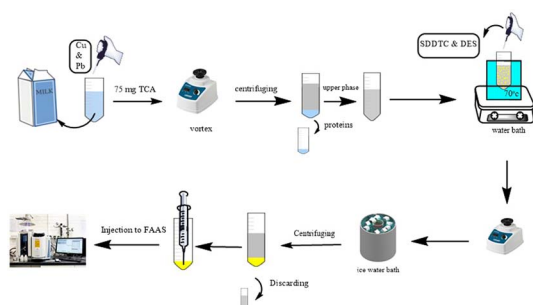
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J. C. McKinnon,* H. H. Milioli, C. A. Purcell, C. L. Chaffer, B. Wadie, T. Alexandrov, T. W. Mitchell and S. R. Ellis*



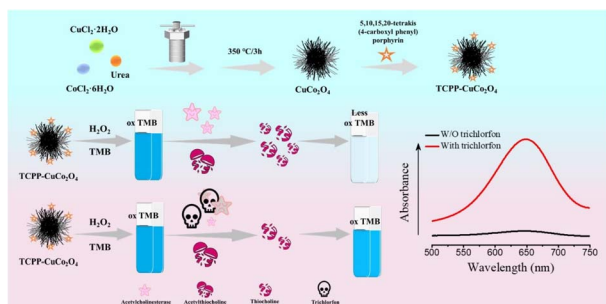
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Determination of copper(II) and lead(II) ions in dairy products by an efficient and green method of heat-induced homogeneous liquid–liquid microextraction based on a deep eutectic solvent

Servin Jabbari, Saeed Mohammad Sorouraddin,^{*}
Mir Ali Farajzadeh and Ali Akbar Fathi

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A colorimetric analytical method based on a TCPP–CuCo₂O₄-like peroxidase for the detection of trichlorfon

Xin Xiao, Wenchun Liao, Rao Ma, Long Huang^{*}
and Yunhui Yang^{*}

