

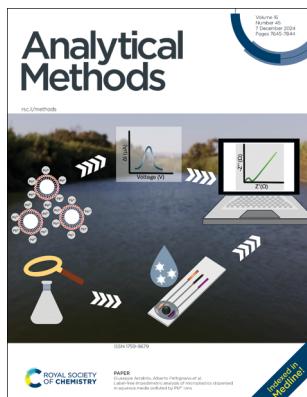
Analytical Methods

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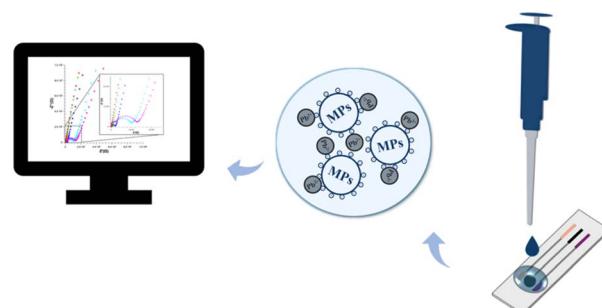
See Giuseppe Arrabito, Alberto Pettignano *et al.*, pp. 7654–7666. Image reproduced by permission of Giuseppe Arrabito from *Anal. Methods*, 2024, **16**, 7654.

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Label-free impedimetric analysis of microplastics dispersed in aqueous media polluted by Pb^{2+} ions

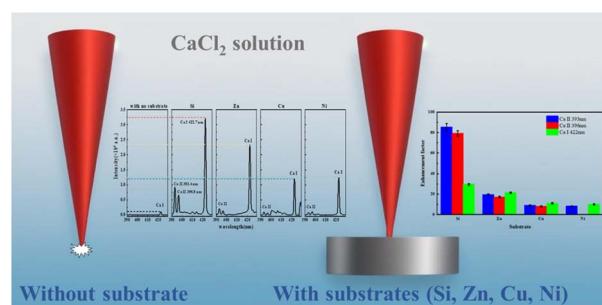
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Linna Song, Jianwen Han, Mingda Sui, Zihao Wei, Yunpeng Qin, Yuan Lu, Jiaojian Song,* Wangquan Ye* and Jinjia Guo



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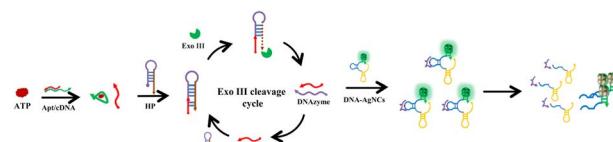


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DNAzyme-mediated fluorescence signal variation of DNA-Ag nanoclusters and construction of an aptasensor for ATP

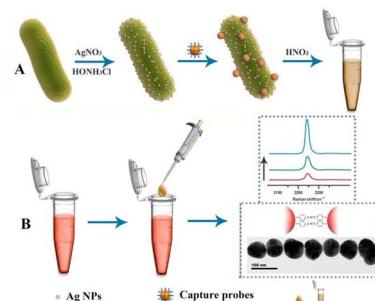
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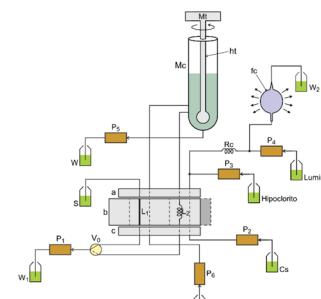
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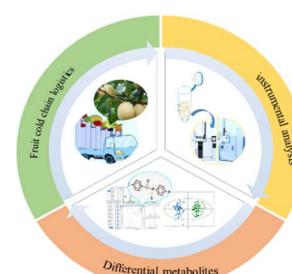
Rafael A. Alexandre and Boaventura F. Reis*



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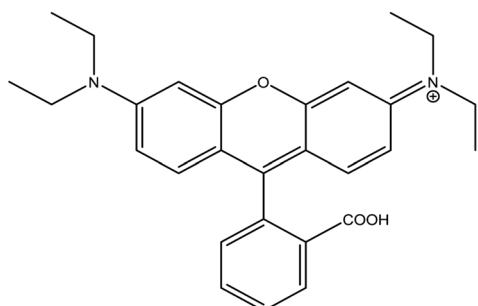
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Jing Liu, Zixuan Meng, Baoru Liu, Jing Wang, Haichao Zhang, Lianfeng Ai,* Junfeng Guan* and Lingmei Niu*



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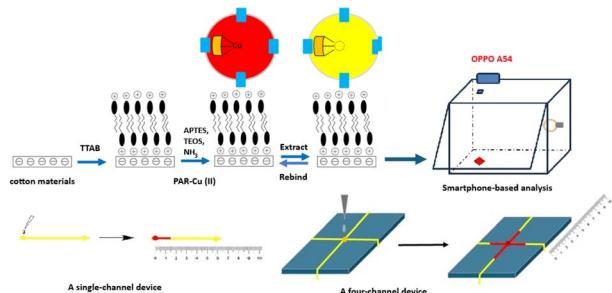
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Abdollah Yari* and Mariam Salemzadeh

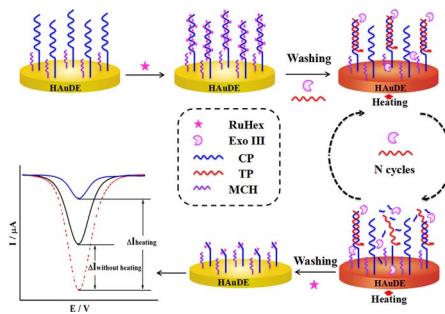
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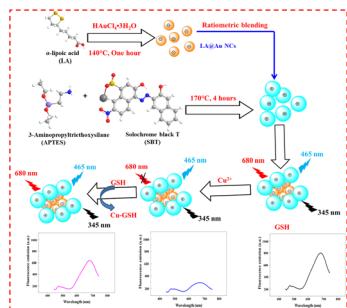
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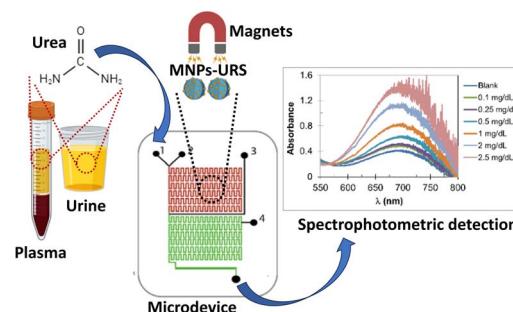


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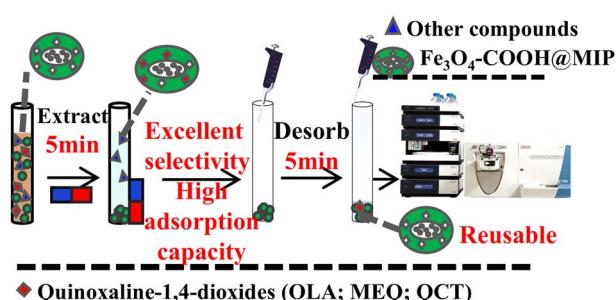
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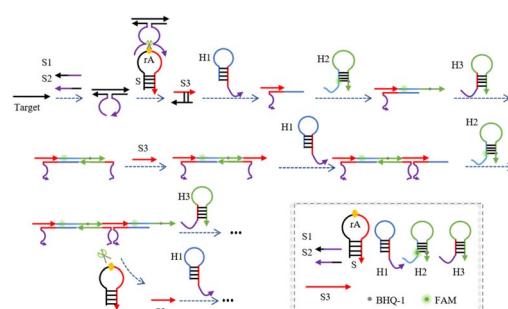
Mengmeng Zhang, Wei Zhou, Qingqing Wang, Ning Wang, Xin Wang, Youping Liu and Xin Di*



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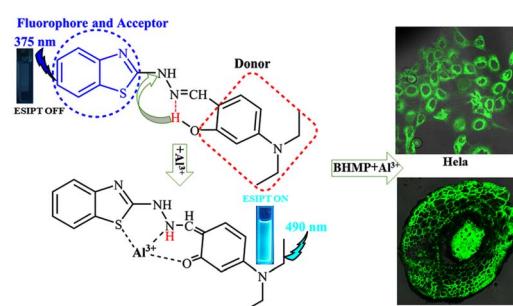
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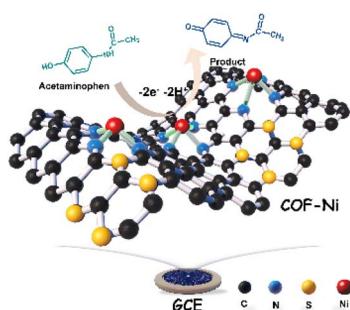
A simple fluorescent probe for selectively detecting Al^{3+} and F^- in living cells and growing tea plants

Didi Hu, Yingcui Bu, Mengxiao Liu, Fuqing Bai, Jingjing Li, Longchun Li, Huimei Cai* and Xiaoping Gan*



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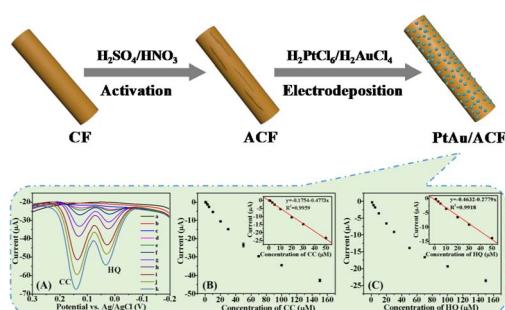
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Lu Hou, Yue Jiang, Li-Zhen Chen, Sheng-Feng Zhang, Heng-Ye Li, Mei-Jie Wei,* Fen-Ying Kong* and Wei Wang

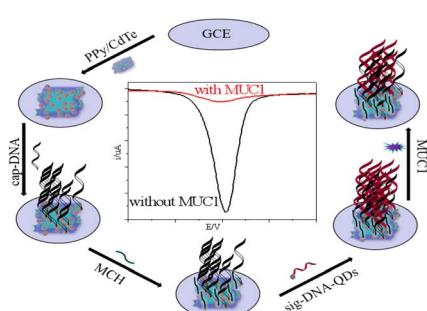
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A bimetallic PtAu-modified carbon fiber electrochemical sensor for simultaneous and highly sensitive detection of catechol and hydroquinone in environmental water

Qi Xiao, Jiawen Li, Mingli Yang, Huihao Li, Yi Fang and Shan Huang*

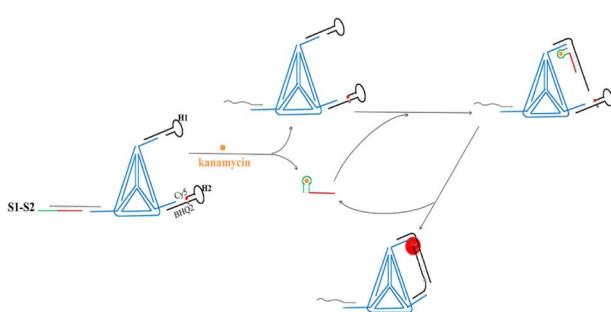
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Highly sensitive electrochemical biosensor for MUC1 detection based on DNA-functionalized CdTe quantum dots as signal enhancers

JiaJia Wang, Chun Kan and Baokang Jin*

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An all-in-one enzyme-free fluorescent aptasensor integrating localized catalyzed hairpin assembly for sensing antibiotics in food with improved detection efficiency

Yuanyuan Peng, Min Wu, Min Liu and Yushu Wu*

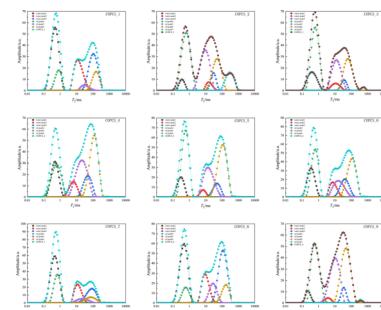


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