

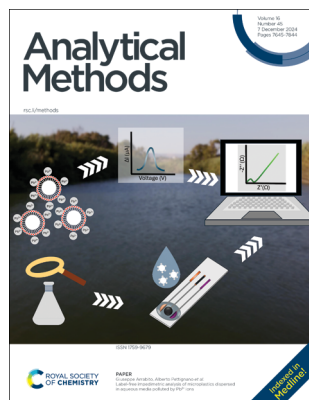
# Analytical Methods

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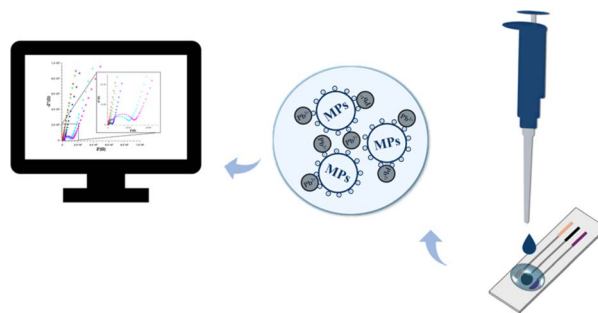
See Giuseppe Arrabito, Alberto Pettignano *et al.*, pp. 7654–7666. Image reproduced by permission of Giuseppe Arrabito from *Anal. Methods*, 2024, **16**, 7654.

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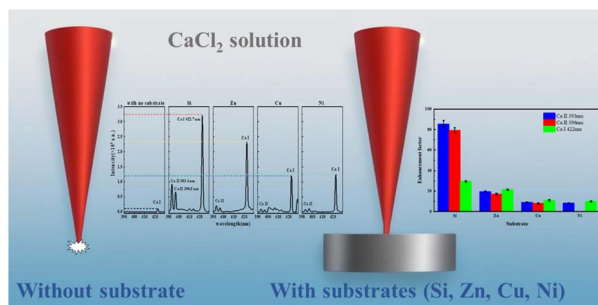
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## DNAzyme-mediated fluorescence signal variation of DNA-Ag nanoclusters and construction of an aptasensor for ATP

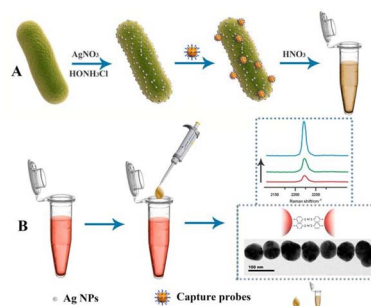
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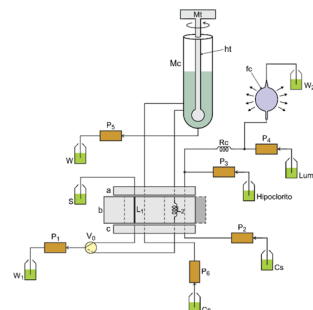
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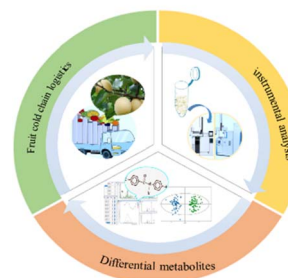
Rafael A. Alexandre and Boaventura F. Reis\*



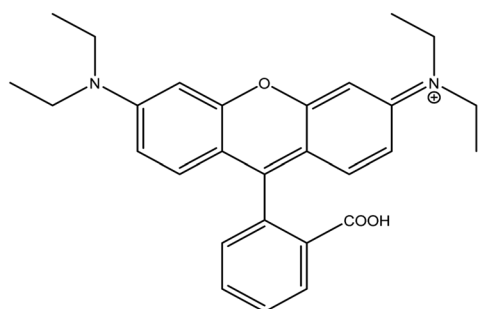
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Jing Liu, Zixuan Meng, Baoru Liu, Jing Wang, Haichao Zhang, Lianfeng Ai,\* Junfeng Guan\* and Lingmei Niu\*



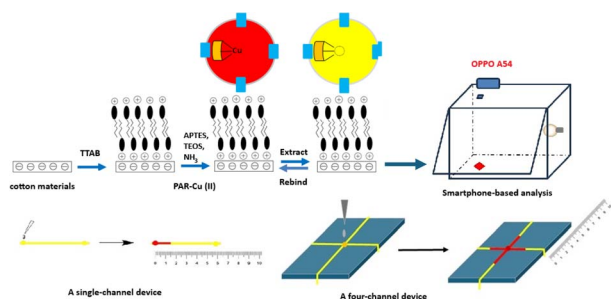
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**Removal and measurement of trace amounts of rhodamine B in aqueous samples based on the synthesis of a nanosorbent composed of  $\text{Fe}_3\text{O}_4$  nanoparticles modified with  $\text{SiO}_2$  and polydopamine by magnetic solid phase extraction**

Abdollah Yari\* and Mariam Salehzadeh

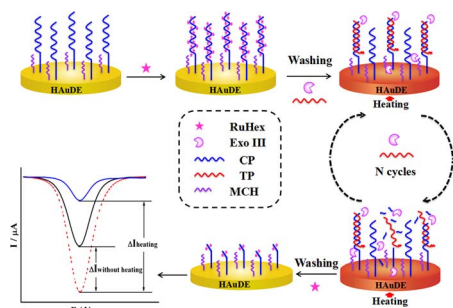
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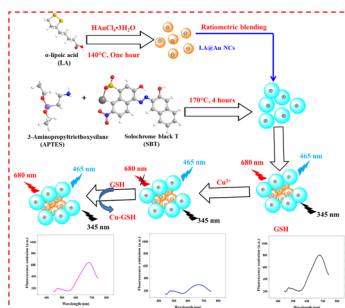
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**Label-free and ultrasensitive electrochemical detection of nucleic acids based on an exonuclease III-assisted target recycling amplification strategy using a heated gold disk electrode**

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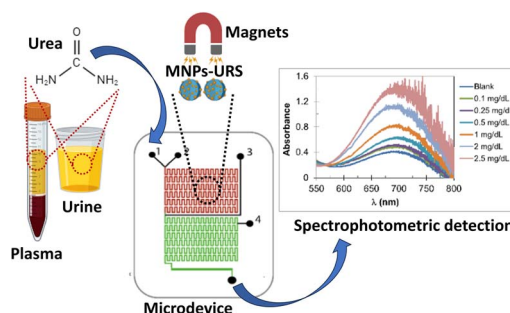
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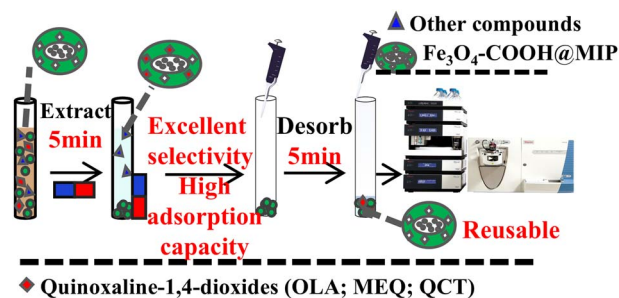
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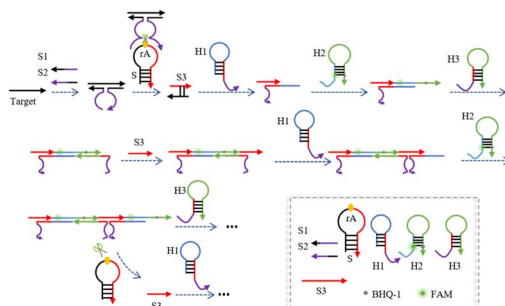
Mengmeng Zhang, Wei Zhou, Qingqing Wang, Ning Wang, Xin Wang, Youping Liu and Xin Di\*



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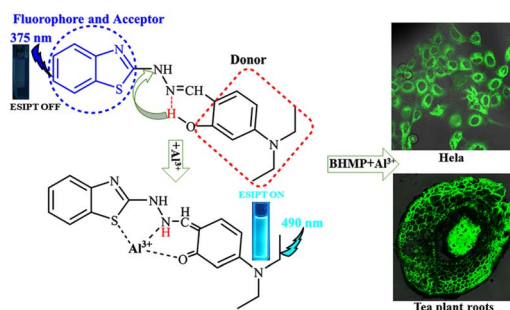
Xiuen Cao, Jiajing Cai, Zhilin He, Haofei Ji, Ruowei Sun, Xun Zhang, Chuanpin Chen and Qubo Zhu\*



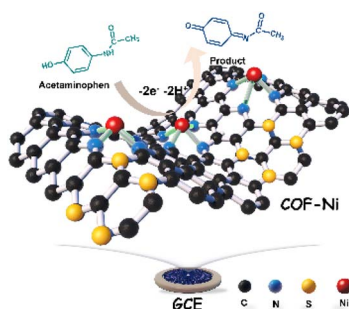
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Didi Hu, Yingcui Bu, Mengxiao Liu, Fuqing Bai, Jingjing Li, Longchun Li, Huimei Cai\* and Xiaoping Gan\*



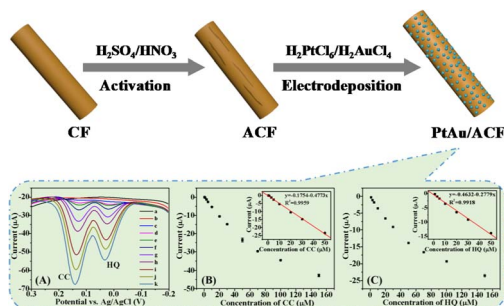
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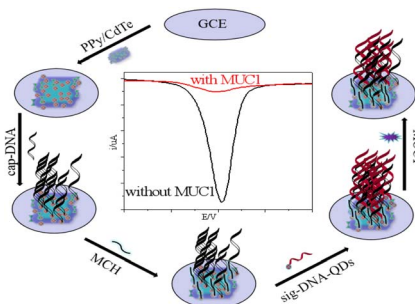
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### A bimetallic PtAu-modified carbon fiber electrochemical sensor for simultaneous and highly sensitive detection of catechol and hydroquinone in environmental water

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

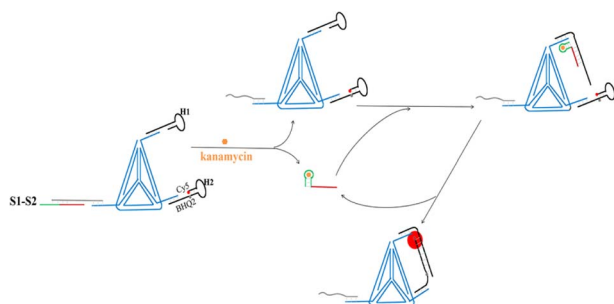
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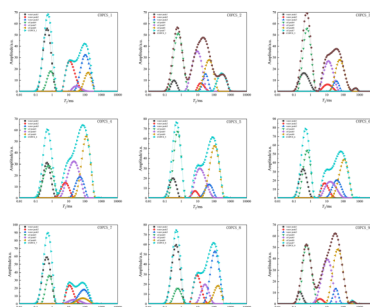
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