

Analytical Methods

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ISSN 1759-9679 CODEN AMNECT 15(37) 4789–4988 (2023)



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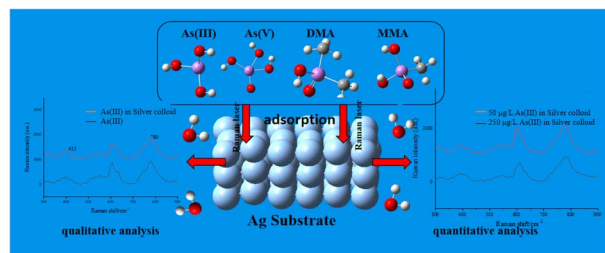
See Vagner B. dos Santos *et al.*, pp. 4827–4833. Image reproduced by permission of Vagner Bezerra dos Santos from *Anal. Methods*, 2023, 15, 4827.

TUTORIAL REVIEW

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Application of surface-enhanced Raman scattering to qualitative and quantitative analysis of arsenic species

Xamsiya Nurmamat, Zhixi Zhao,* Hadiya Ablat, Xiaoyan Ma, Qingqing Xie, Ziqi Zhang, Jianrong Tian, Huiying Jia and Fupeng Wang

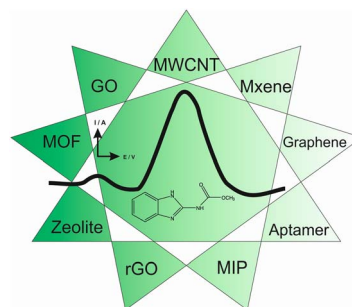


MINIREVIEW

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Electroanalytical overview: the sensing of carbendazim

Robert D. Crapnell, Prashanth S. Adarakatti and Craig E. Banks*



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Analytical Methods (electronic: ISSN 1759-9679) is published 48 times a year by the Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, UK CB4 0WF.

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Lab-on-a-Drone: remote voltammetric analysis of lead in water with real-time data transmission

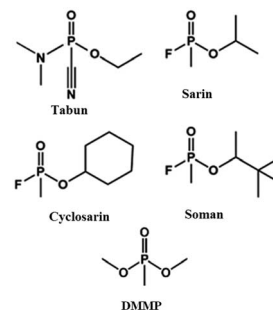
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Magnetic activated carbon as an adsorbent for extraction of DMMP from aqueous samples followed by GC-IMS analysis

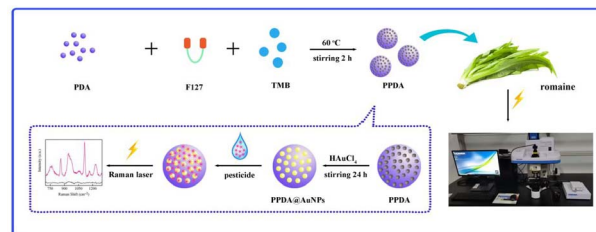
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Mohammad Behbahani and Mohammad Taghi Naseri



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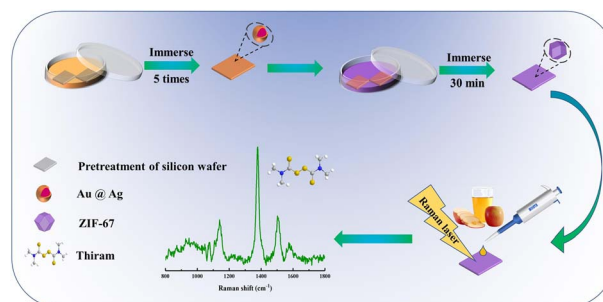
Zhiyou Zeng, Xiaoyu Yang, Yongguo Cao, Sanshan Pu, Xinyu Zhou, Rongli Gu, Yiqian Zhang, Caijun Wu,*
Xiaojun Luo* and Yi He*



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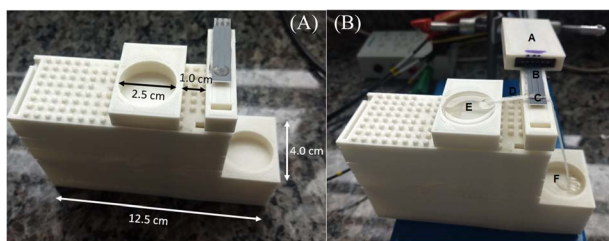
Sensitive determination of thiram in apple samples using a ZIF-67 modified Si/Au@Ag composite as a SERS substrate

Rui Yang, Baowen Zhang, Ya Wang, Yi Zheng, Qian Zhang*
and Xiupei Yang*



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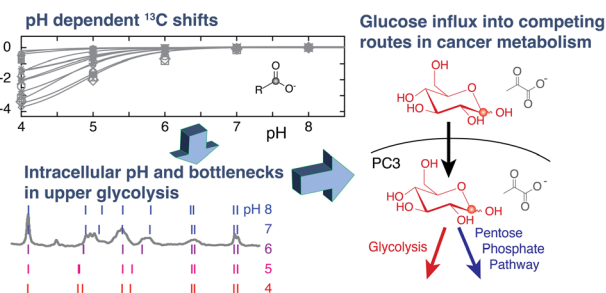
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Simultaneous detection of dopamine and ascorbic acid by using a thread-based microfluidic device and multiple pulse amperometry

Vanessa W. dos Santos, Gustavo Martins, Jeferson L. Gogola, Cristiane Kalinke, Deonir Agustini, Márcio F. Bergamini and Luiz H. Marcolino-Junior*

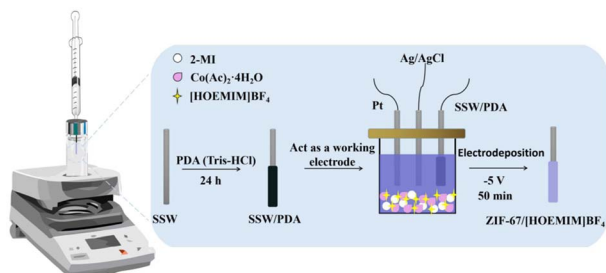
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Rapid probing of glucose influx into cancer cell metabolism: using adjuvant and a pH-dependent collection of central metabolites to improve in-cell D-DNP NMR

Francesca Sannelli, Ke-Chuan Wang, Pernille Rose Jensen and Sebastian Meier*

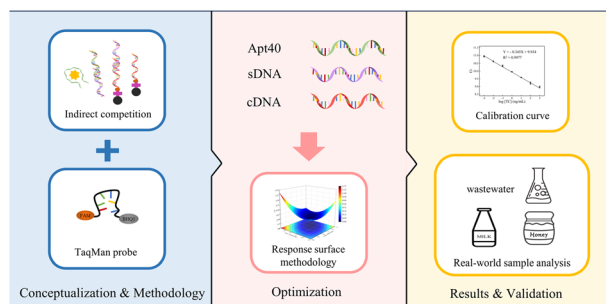
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An electrochemically fabricated ZIF-67/[HOEMIM]BF₄ coating for the solid-phase microextraction and detection of polycyclic aromatic hydrocarbons

Jingwen Lin, Xuening Gao, Linbo Gong, Xiaoqing Zhang, Tianning Li, Faqiong Zhao* and Baizhao Zeng

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An indirect competitive assay-based method for the sensitive determination of tetracycline residue using a real-time fluorescence-based quantitative polymerase chain reaction

Tianying Sheng, Hanyu Chen,* Yingying Lei, Baozhong Zhang and Huina Zhu

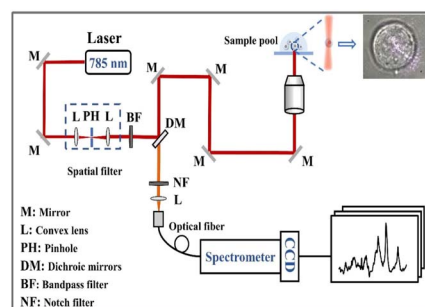


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Detection of nasopharyngeal cancer cells using the laser tweezer Raman spectroscopy technology

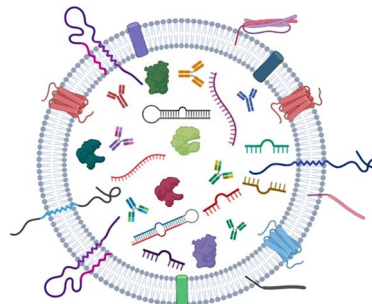
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Proteomic analysis of exosomes derived from human mature milk and colostrum of mothers with term, late preterm, or very preterm delivery

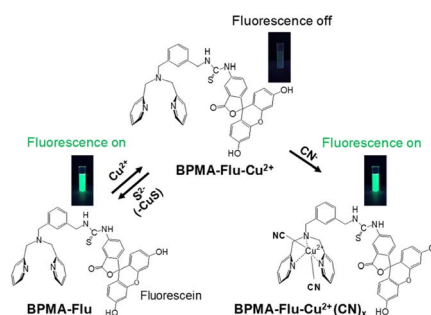
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Detection of cyanide and sulfide ions by different mechanisms using a fluorescent chemical sensor containing a fluorophore and a potential ligand for metal complexes

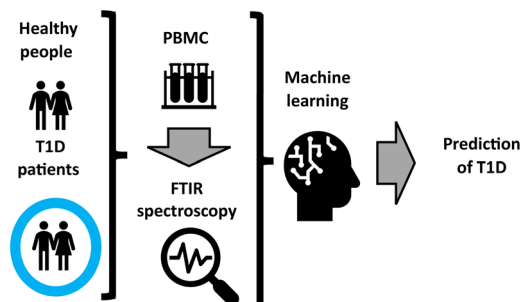
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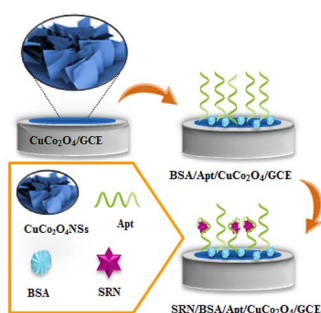
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Evita Rostoka,* Karlis Shvirksts, Edgars Salna, Ilva Trapina, Aleksejs Fedulovs, Mara Grube and Jelizaveta Sokolovska



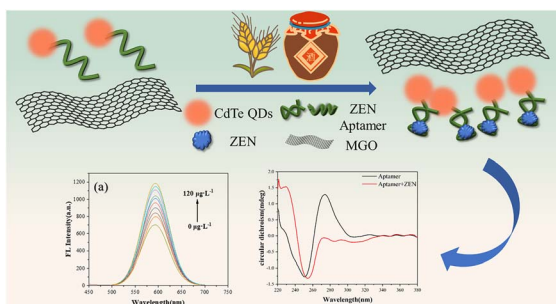
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Fabrication of an electrochemical aptasensor for the determination of sarcosine based on synthesized CuCo_2O_4 nanosheets

Somayeh Farokhi, Mahmoud Roushani* and Zahra Saedi

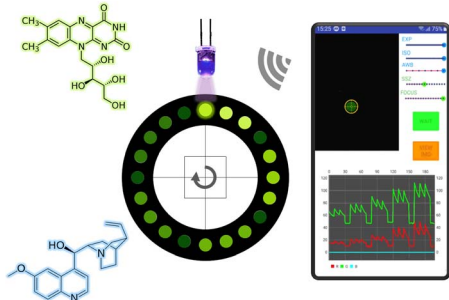
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A quantum dot aptamer fluorescent sensor based on magnetic graphene oxide for the detection of zearalenone

Xianglin Liao, Yimin Liu, Liyu Qiu, Lu Cao, Xixiang Yang* and Xiaogang Hu*

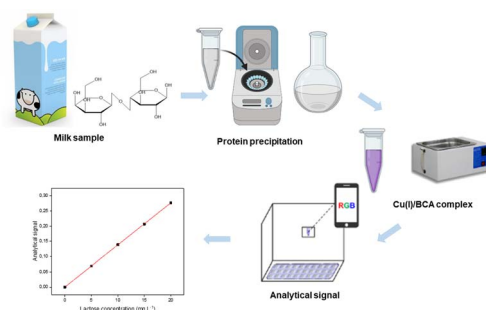
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Development of an image-based fluorometer with smartphone control for paper analytical devices

Dênis Omael Silva Pereira, Mariana Mourão Matos and Alexandre Fonseca*

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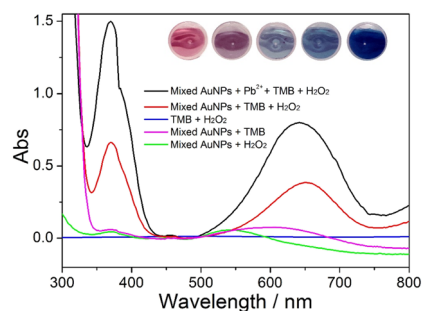
Rita de Cassia Malho Alves, Luís Claudio Martins and Fábio R. P. Rocha*



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Haiquan Liu, Yue Zhang, Weiqing Xiong and Xiaoyan Wang*



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Andreja Jurič, Blanka Tariba Lovaković,* Maja Lazarus, Branko Petrinc, Ivan Širić and Irena Brčić Karačonji

