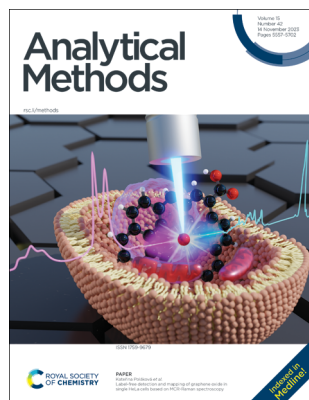


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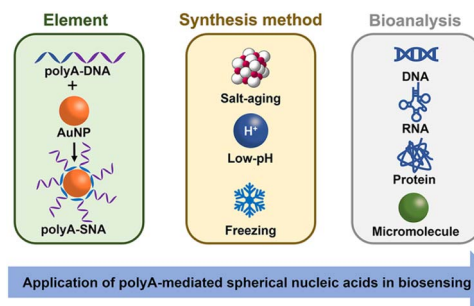
See Kateřina Poláková *et al.*, pp. 5582–5588. Image reproduced by permission of Zuzana Chaloupková and Kateřina Poláková from *Anal. Methods*, 2023, 15, 5582.

MINIREVIEW

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Construction and bioanalytical applications of poly-adenine-mediated gold nanoparticle-based spherical nucleic acids

Zhiwei Shang, Zixuan Deng, Xiaoqing Yi, Mengyu Yang, Xianliang Nong, Meihua Lin* and Fan Xia

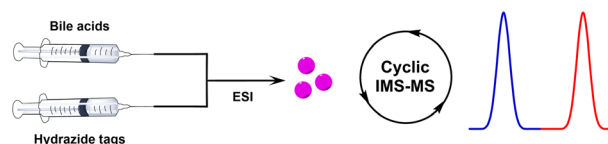


COMMUNICATION

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Implementation of charged microdroplet-based derivatization of bile acids on a cyclic ion mobility spectrometry-mass spectrometry platform

Olavs Rāciņš and Gabe Nagy*



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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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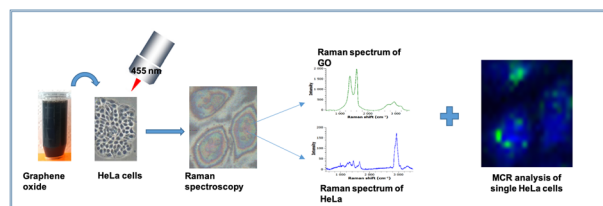


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Label-free detection and mapping of graphene oxide in single HeLa cells based on MCR-Raman spectroscopy

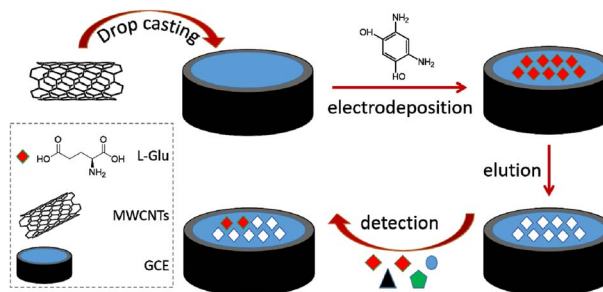
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Highly sensitive determination of L-glutamic acid in pig serum with an enzyme-free molecularly imprinted polymer on a carbon-nanotube modified electrode

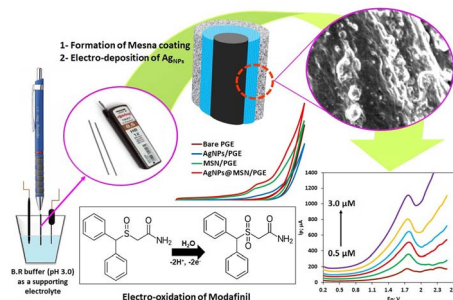
Xin-Yao Yu, Jun-Yi He, Fei Tang, Peng Yu, Ling Wu,* Zhong-Liang Xiao, Li-Xian Sun, Zhong Cao* and Donghong Yu*



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A novel mesna-based electrochemical sensor embellished with silver nanoparticles for ultrasensitive analysis of modafinil

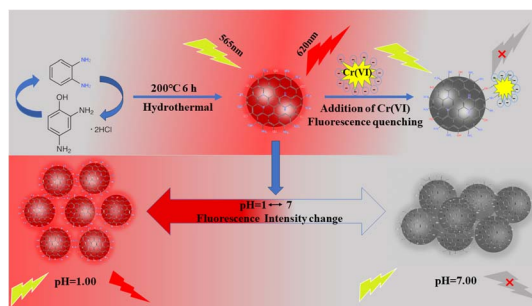
Noha M. Hosny,* Mohamed I. Gadallah and Ibrahim A. Darwish



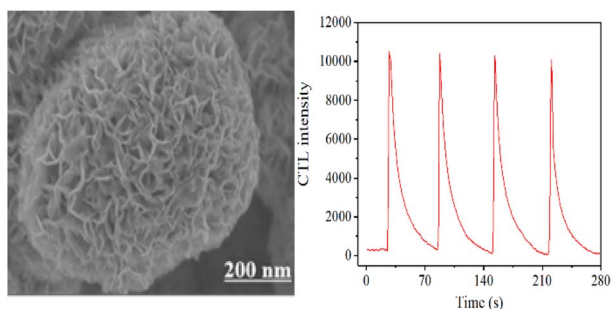
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One step synthesis of highly photoluminescent red light-emitting carbon dots from O-phenylenediamine and 2,4-diaminophenol as fluorescent probes for the detection of pH and Cr(VI)

Yan Wu, Chengwei Zuo, Yujie Mou, Hao Wang, Yongrui Hou, Xiaodong Su,* Zhenfu Jia and Huidong Qiu



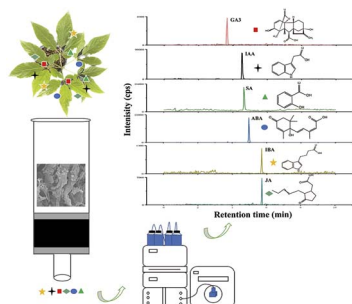
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Rapidly detecting the carcinogen acetaldehyde: preparation and application of a flower-like MoS₂ cataluminescence sensor at low working temperature

Hongyan Wang,^{*} Ziyu Shao, Xiaoqi Shi, Zhuo Tang and Bai Sun^{*}

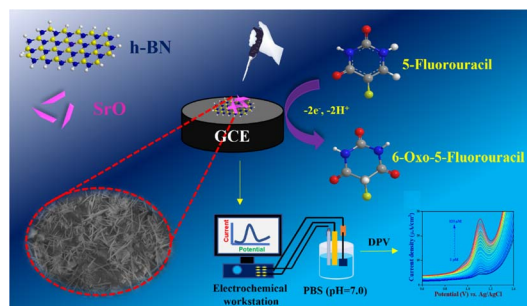
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Application of a three dimensional polyethyleneimine functionalized graphene oxide aerogel as an adsorbent for the determination of phytohormones in ginseng

Dongxue Zhang, Shuai Qu, Mingyue Wang, Yuhan Liu, Chen Xu, Hong Kan,^{*} Yingping Wang^{*} and Kai Dong^{*}

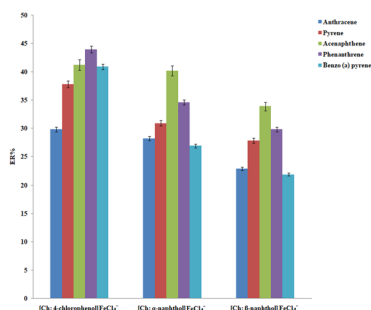
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Crystal plane-integrated strontium oxide/hexagonal boron nitride nanohybrids for rapid electrochemical sensing of anticancer drugs in human blood serum samples

Magesh Kumar Muthukumaran, Muthukumar Govindaraj, Bharathi Kannan Raja and Arockia Selvi J^{*}

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Surfactant-enhanced air-agitation liquid–liquid microextraction of polycyclic aromatic hydrocarbons from edible oil using magnetic deep eutectic solvent prior to HPLC determination

Fariba Adib, Mohammad Reza Afshar Mogaddam,^{*} Mahboob Nemati,^{*} Mir Ali Farajzadeh, Ali Mohebbi and Ali Akbar Alizadeh Nabil

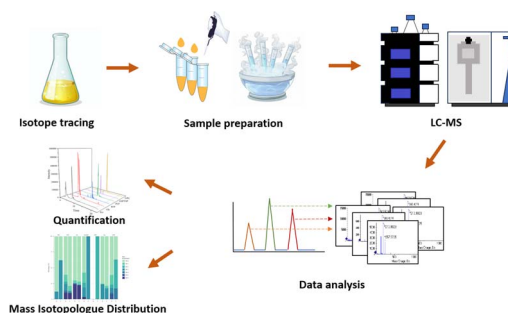


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Quantification and isotope abundance determination of ^{13}C labeled intracellular sugar metabolites with hydrophilic interaction liquid chromatography

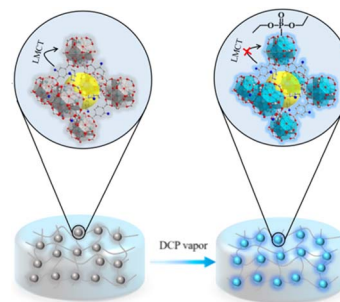
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Zirconium-based metal–organic framework loaded agarose hydrogels for fluorescence turn-on detection of nerve agent simulant vapor

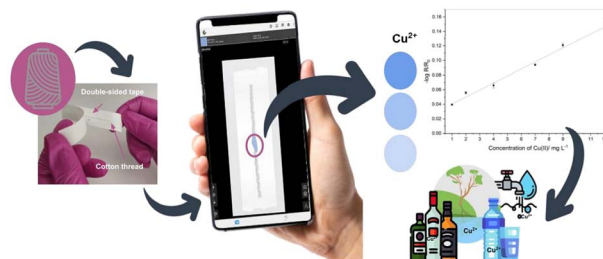
You Lei, Yuting Gao, Yi Xiao, Pengcheng Huang* and Fang-Ying Wu*



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Using a cotton thread-based colorimetric sensor modified by carboxymethylcellulose and cuprizone with smartphone detection for quantification of copper

Josiane Lopes de Oliveira, Willian Toito Suarez, Vagner Bezerra dos Santos,* Leandro Paulo da Silva and Luis Fermin Capitán-Vallvey



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Design and development of a lanthanide-labeled immunochromatographic strip for simultaneous detection of morphine, methamphetamine and ketamine in hair

Bo Wu, Wenjuan Liu, Mingwei Cui, Qiao Yang, Bingbing Tian, Jingxue Xia, Lin Zhao, Yanyan Guo, Mengxiang Su* and Bin Di*

