

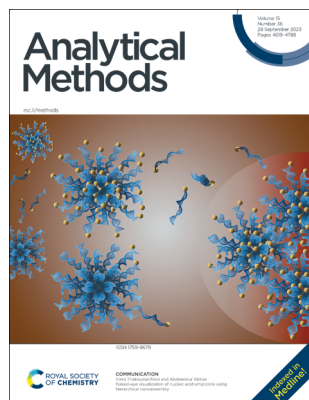
Analytical Methods

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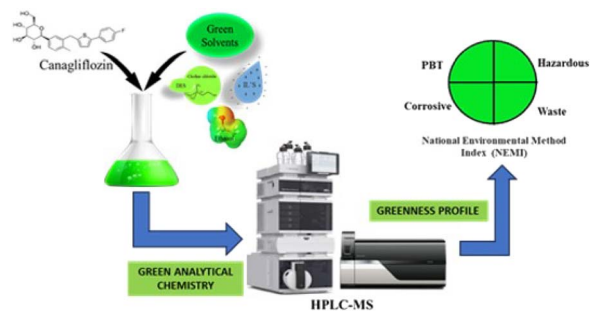
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Jamshed Haneef* and Mohd Danish Khan

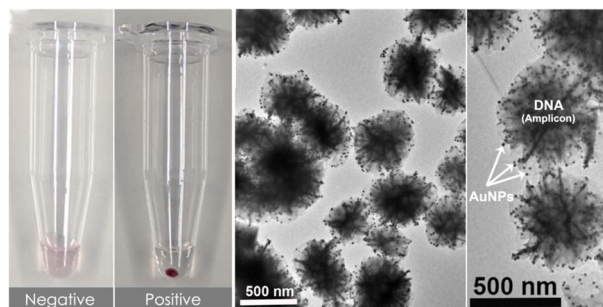


COMMUNICATION

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Vinni Thekkudan Novi and Abdenmour Abbas*



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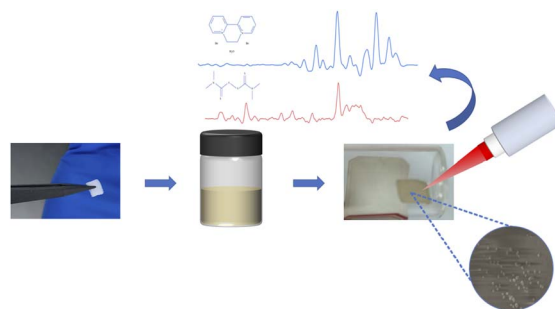


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Surface-enhanced Raman scattering of a gold core–silver shell-sponge substrate for detection of thiram and diquat

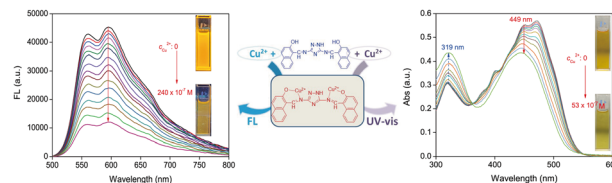
Chao Sun, Li Ye, Lizheng Wang, Zhiming Hu and Jianjun Ding*



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A high-performance fluorescent and ratiometric colorimetric detection of Cu²⁺ in practice

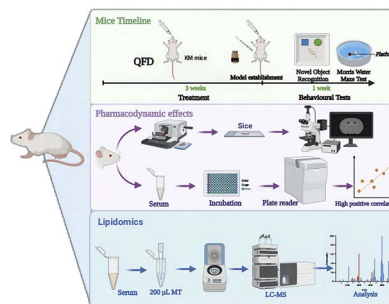
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Serum lipidomics reveal the mechanism of memory disorder improvement by Qifu decoction

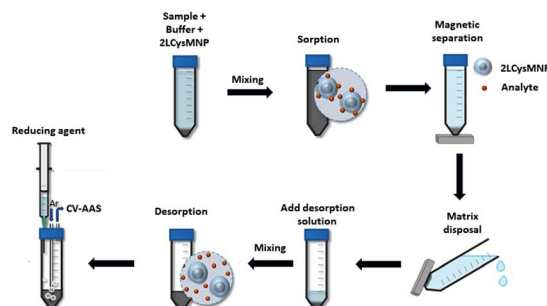
Fanying Deng, Fuxia Zhao, Wenhui Wang, Shiqi Liu and Yan Wang*



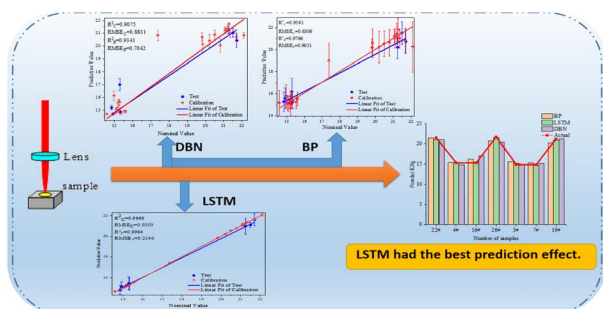
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Single-vial preconcentration and cold vapor generation for the determination of Hg(II) in water samples of different salinities

Pamela S. M. Rocha, André S. Araújo and Ricardo J. Cassella*



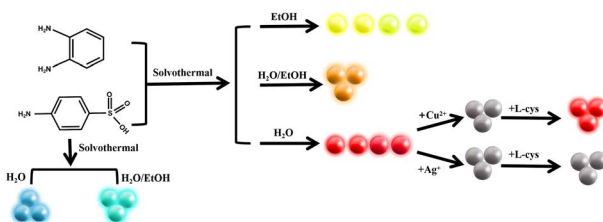
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Energy value measurement of milk powder using laser-induced breakdown spectroscopy (LIBS) combined with long short-term memory (LSTM)

Yu Ding,* Meiling Zhao, Yan Shu, Ao Hu, Jing Chen, Wenjie Chen, Yufeng Wang and Linyu Yang

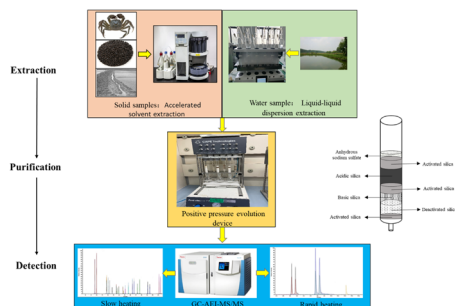
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Controllable preparation of long wavelength carbon dots and their application in fluorescence detection

Yafeng Deng, Di Liu, Ting Guo, Jun Qian* and Yihua Zhou*

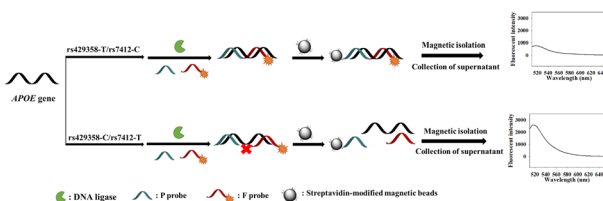
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Determination of 25 polybrominated diphenyl ethers in Chinese mitten crab ecosystems by gas chromatography-mass spectrometry

Qicai Zhang, Weiguo Song, Xianli Wang, Chengbin Liu, Shanshan Chen, Huaxi Li and Qinxiong Rao*

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Fluorescence detection of apolipoprotein E gene polymorphisms based on oligonucleotide ligation and magnetic separation

Wan-Chen Wen, Yi-Hui Lin, Tsai-Hui Duh, Chun-Hsien Chen, Chia-Hsien Feng* and Yen-Ling Chen*

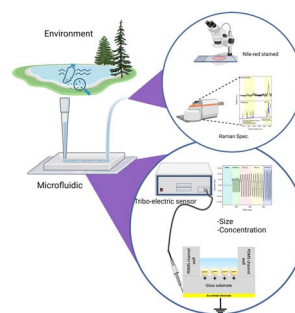


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Microplastic *in situ* detection based on a portable triboelectric microfluidic sensor

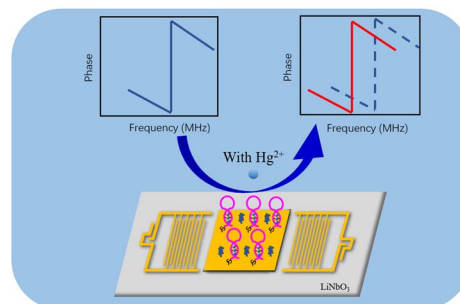
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Highly sensitive surface acoustic wave biosensor for the detection of Hg^{2+} based on the thymine- Hg^{2+} -thymine structure

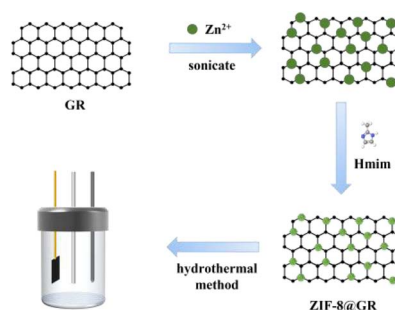
Huimin Sun, Chunzhen Yang and Hong Wang*



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A disposable and sensitive sensor based on a ZIF-8@graphene modified carbon paper electrode for the quantitative determination of luteolin

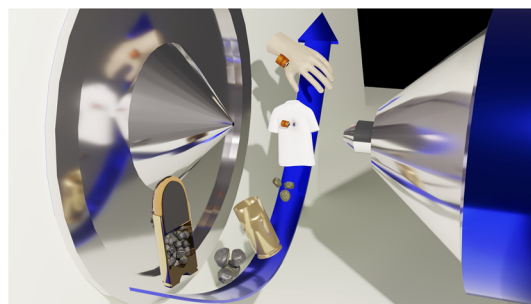
Wanyu Pang, Yali Gao, Tuoping Hu and Xuemei Ma*



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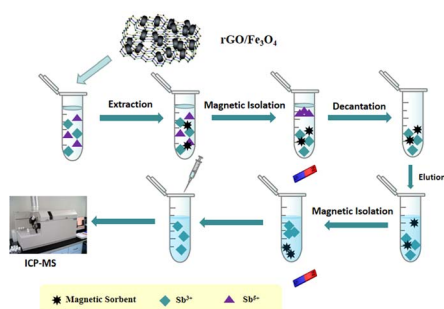
A feasibility study of direct analysis in real time-mass spectrometry for screening organic gunshot residues from various substrates

Thomas D. Ledergerber, William Feeney, Luis Arroyo
and Tatiana Trejos*



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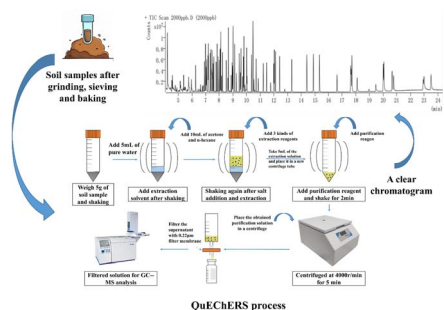
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Speciation of trace amounts of Sb(III) and Sb(V) in environmental water using inductively coupled plasma mass spectrometry after magnetic solid-phase extraction with rGO/Fe₃O₄

Qiang Wang, Yulin Nie, Zhibin Wu* and Yuan Yang*

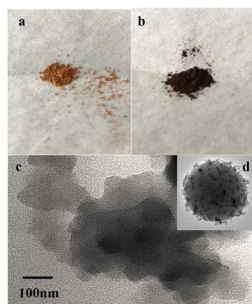
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Development and validation of an improved QuEChERS method for the extraction of semi-volatile organic compounds (SVOCs) from complex soils

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Trace detection of methcathinone in sewage using targeted extraction based on magnetic molecularly imprinted polymers coupled with liquid chromatography-tandem mass spectrometry

Jiang Ling, Wenqi Zhang, Ping Xiang, Yingyuan Liao, Jiahao Li, Zhihua Zhang and Yanjun Ding*

CORRECTION

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Correction: Extraction of diazinon, haloxyfop-*R*-methyl, hexaconazole, diniconazole, and triticonazole in cheese samples using a ferrofluid based liquid phase extraction method prior to gas chromatography

Mahdi Rouhi, Jafar Abolhasani,* Mohammad Reza Afshar Mogaddam and Mohammad Taghi Vardini

