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ISSN 1759-9679 CODEN AMNECT 15(31) 3761–3916 (2023)



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MINIREVIEW

3768

Desorption electrospray ionization mass spectrometry imaging (DESI-MSI) in disease diagnosis: an overview

Bharath Sampath Kumar*

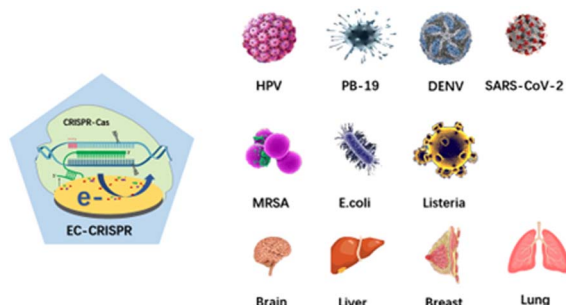


TUTORIAL REVIEW

3785

Utility of CRISPR/Cas mediated electrochemical biosensors

Jiajie Ma, Xinwei Li, Chenyang Lou, Xinyue Lin, Zhenzhong Zhang, Di Chen* and Sen Yang*



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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.

All orders, with cheques made payable to the Royal Society of
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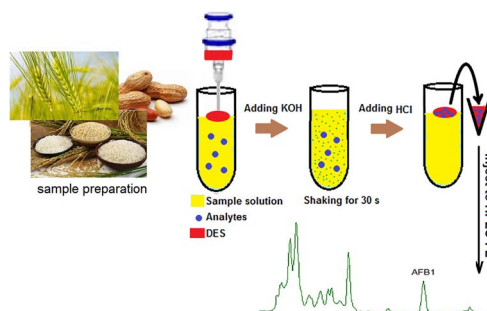


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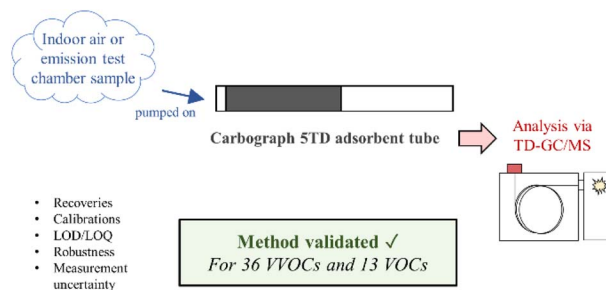
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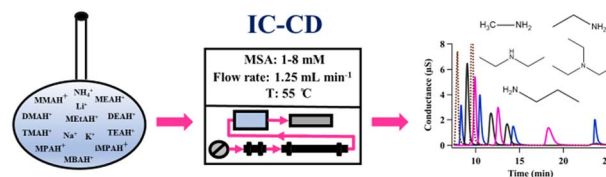
Morgane Even, Elevtheria Juritsch and Matthias Richter*



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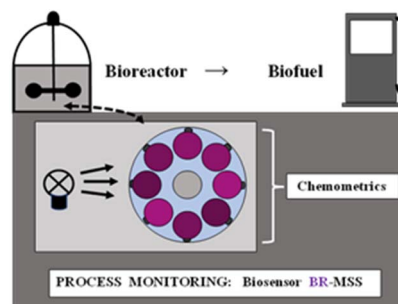
Leyla Salehpoor and Trevor C. VandenBoer*



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A bacteriorhodopsin multisensor system for qualitative and quantitative monitoring of methanol, ethanol, propanol, and butanol under extreme conditions

Krzysztof Bryl



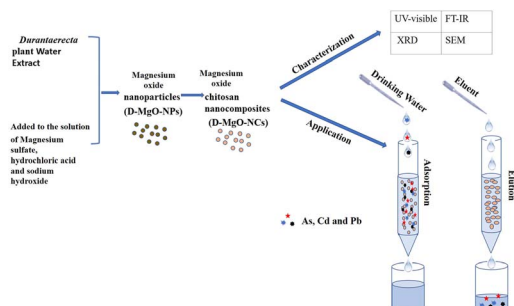
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Effect of potato peel on the determination of soluble solid content by visible near-infrared spectroscopy and model optimization

Yi Wang, Minjie Han, Yingchao Xu,* Xiangyou Wang, Meng Cheng, Yingjun Cui, Zhengwei Xiao and Junzhe Qu

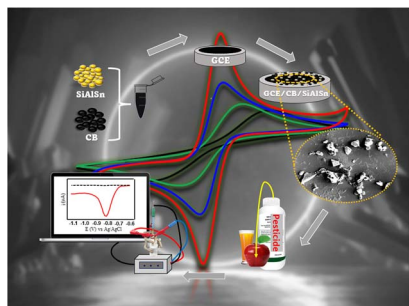
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The green synthesis of magnesium oxide nanocomposite-based solid phase for the extraction of arsenic, cadmium, and lead from drinking water

Suraya Samejo, Jameel Ahmed Baig,* Tasneem Gul Kazi, Hassan Imran Afridi, Aysen Hol, Alaa Dahshan, Khalil Akhtar, Shakoor Ahmed Solangi, Saima Perveen and Sajjad Hussain

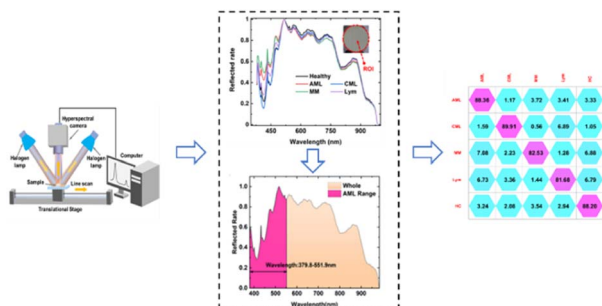
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Development of an electrochemical sensor based on ternary oxide $\text{SiO}_2/\text{Al}_2\text{O}_3/\text{SnO}_2$ modified with carbon black for direct determination of clothianidin in environmental and food samples

Francisco Walison Lima Silva, Guilherme Barros de Oliveira, Bráulio Soares Archanjo, Bernardo Ferreira Braz, Ricardo Erthal Santelli, Emerson Schwingel Ribeiro and Fernando Henrique Cincotto*

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Blood cancer diagnosis using hyperspectral imaging combined with the forward searching method and machine learning

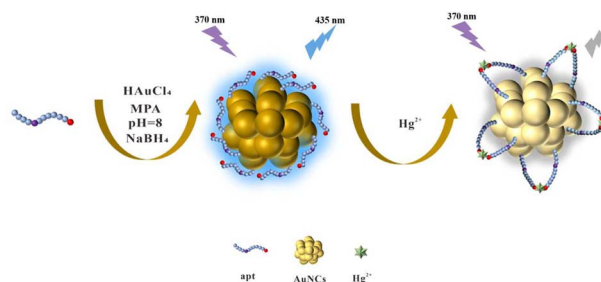
Riheng Chen, Ting Luo, Junfei Nie* and Yanwu Chu*



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A fluorescent probe based on aptamer gold nanoclusters for rapid detection of mercury ions

Ying Wang, Yinyu Xu, Ruina Jiang, Quanyong Dong, Yingying Sun, Wang Li, Ying Xiong, Yanni Chen, Sili Yi* and Qian Wen*



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Rapid detection of chemical oxygen demand, pH value, total nitrogen, total phosphorus, and ammonia nitrogen in biogas slurry by near infrared spectroscopy

Jialing Qiu, Hairong Guo, Yinghao Xue, Qingyu Liu,* Zhiyu Xu* and Li He*

