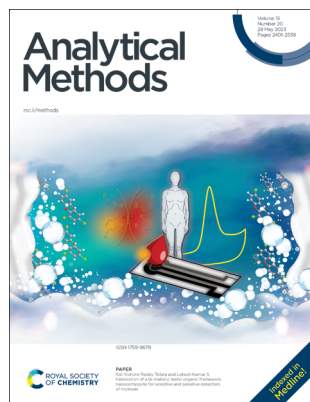


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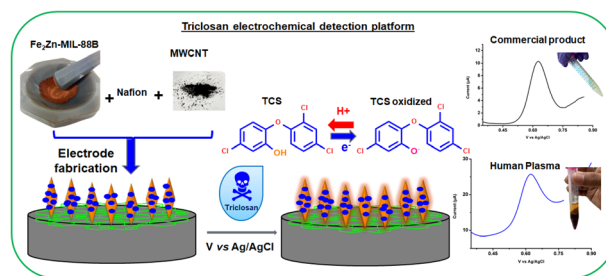
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See Kali Kishore Reddy Tetala and Lokesh Kumar S., pp. 2408–2416. Image reproduced by permission of Kali Kishore Reddy Tetala and Lokesh Kumar S. from *Anal. Methods*, 2023, 15, 2408.

PAPERS

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Fabrication of a bi-metallic metal organic framework nanocomposite for selective and sensitive detection of triclosan

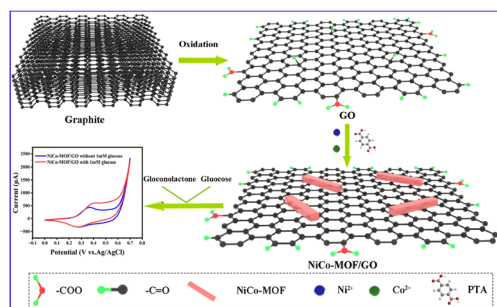
Lokesh Kumar S. and Kishore K. R. Tetala*



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A sensitive enzyme-free electrochemical sensor based on a rod-shaped bimetallic MOF anchored on graphene oxide nanosheets for determination of glucose in huangshui

Yi Ma,* Yinjiang Leng, Danqun Huo, Dong Zhao, Jia Zheng, Huisi Yang, Peng Zhao, Feifeng Li and Changjun Hou*



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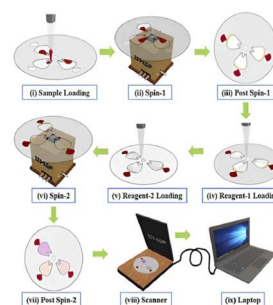
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Lipidest: a lipid profile screening test under extreme point of care settings using a portable spinning disc and an office scanner

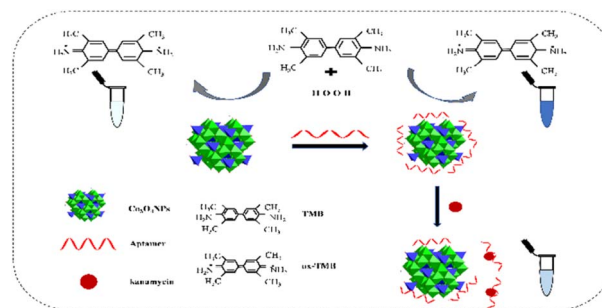
Victor Pakira, Rahul Agarwal, Subhamoy Chatterjee, Arghya Mukherjee and Suman Chakraborty*



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A novel colorimetric assay for sensitive detection of kanamycin based on the aptamer-regulated peroxidase-mimicking activity of Co_3O_4 nanoparticles

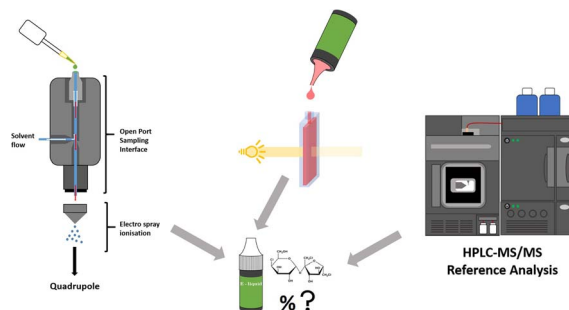
Xuan Zhou, Jiaxin Li, Yuda Hu, Yaohui Wu, Yonghong Wang* and Ge Ning*



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Ambient mass spectrometry and near-infrared spectroscopy – a direct comparison of methods for the quantification of sucralose in e-liquids

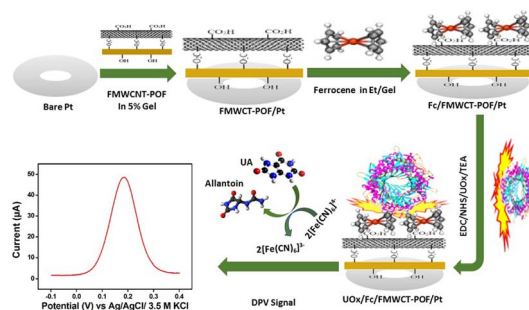
Tobias Schlappack, Christoph Kappacher, Michela Demetz, Thomas Jakschitz, Günther K. Bonn, Christian W. Huck and Matthias Rainer*



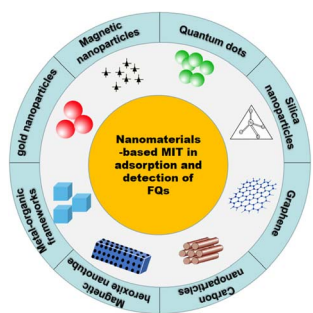
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An ultra-sensitive uric acid second generation biosensor based on chemical immobilization of uricase on functionalized multiwall carbon nanotube grafted palm oil fiber in the presence of a ferrocene mediator

Gullit Deffo, Ranjit Hazarika, Marcel Cédric Deussi Ngaha, Mwina Basumatary, Shyamali Kalita, Nayab Hussain, Evangéline Njanja, Panchanan Puzari* and Emmanuel Ngameni



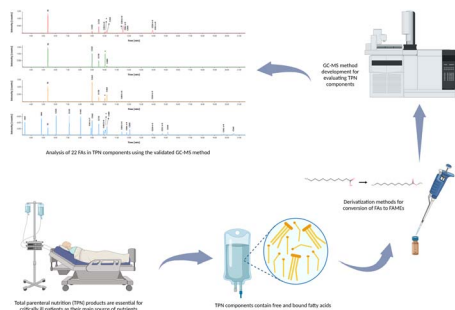
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Application of molecular imprinting technology based on new nanomaterials in adsorption and detection of fluoroquinolones

Gaoshuang Hu, Tianqi Wu, Ziyang Liu, Shan Gao* and Jianxiong Hao*

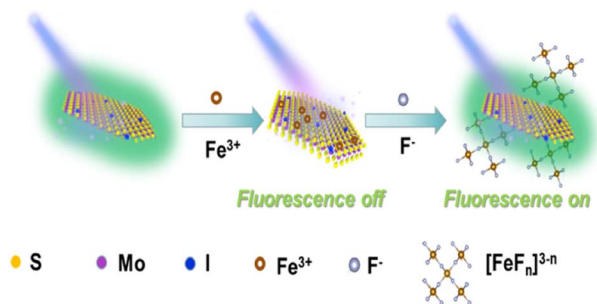
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Simultaneous determination of 22 fatty acids in total parenteral nutrition (TPN) components by gas chromatography-mass spectrometry (GC-MS)

Mark Dennis Chico Retrato,* Siyuan Qiu, Anna Lundquist, Aida Zuberovic Muratovic, Farshid Mashayekhy Rad, S. J. Kumari A. Ubhayasekera and Jonas Bergquist

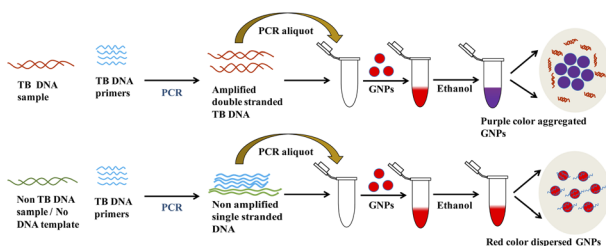
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Polychromatic fluorescent MoS₂ quantum dots: fabrication and off-on sensing for fluorine ions in water

Feng-Yi Wu,* Ji-Liang Yang, You-Sheng Ye, Ya-Qiong Kong, Rong Wu, Hai-Yan Wang and Xin Wang

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Rapid visual detection of *Mycobacterium tuberculosis* DNA using gold nanoparticles

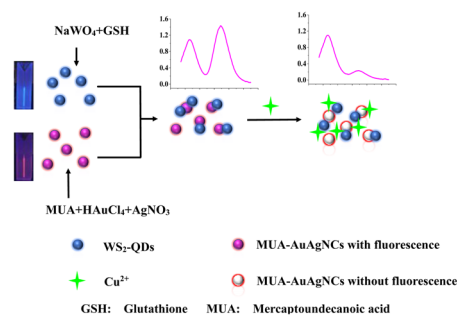
Aparna Tripathi, Ratnesh Jain and Prajakta Dandekar*



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A ratiometric fluorescence sensor based on gold silver nanoclusters and tungsten disulfide quantum dots with simple fabrication for the detection of copper ions in river water

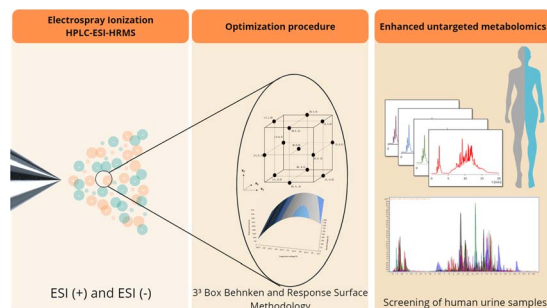
Zhiya Wang, Rong Liu,* Zhifang Fu, Xin Yi, Yongjun Hu,* Changhui Liu, Dong Pan and Zhaoyang Wu*



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Factorial design applied to LC-ESI-QTOF mass spectrometer parameters for untargeted metabolomics

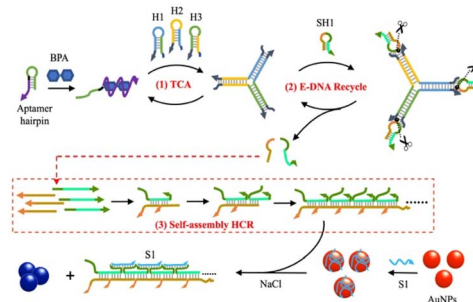
Olívia Brito de Oliveira Moreira, Jéssica Cordeiro Queiroz de Souza, João Marcos Beraldo Candido, Maria Patricia do Nascimento, Paula Rocha Chellini, Lúcio Marco de Lemos and Marccone Augusto Leal de Oliveira*



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Dual-amplification colorimetric detection of bisphenol A based on catalytic hairpin assembly and DNAzyme-caused fragment self-assembly hybridization chain reaction

Wen Yun, Yiyan Lin, Ruiqi Wang, Xia Ha, Nana Xie, Xiaoli Xiong, Zhengwei Xiong, Ning Li,* Xingmin Wang* and Lizhu Yang*



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A voltammetric sensor based on a reduced graphene oxide/ β -cyclodextrin/silver nanoparticle/polyoxometalate nanocomposite for detecting uric acid and tyrosine

Xu Chai, Yongbiao Li, Chaonan Ma, Minjie Guo, Zhi Fan,* Jin Zhao* and Bowen Cheng*

