

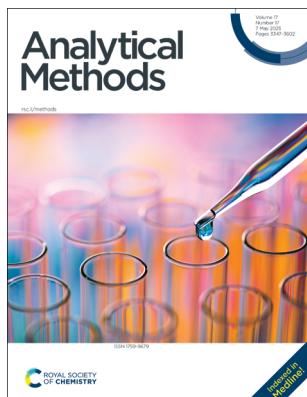
Analytical Methods

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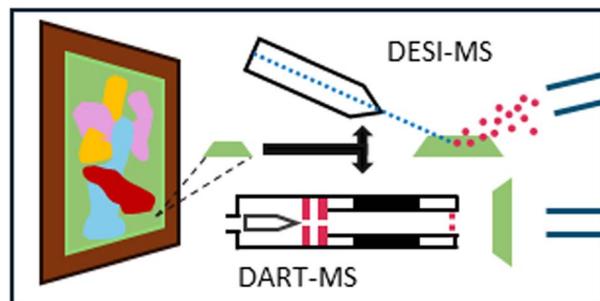
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Heritage science applications of ambient mass spectrometry

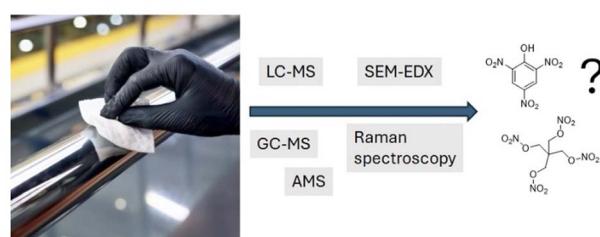
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Gareth D. Crapper, Alysha S M Green, John R. Dean and Justin J. Perry*





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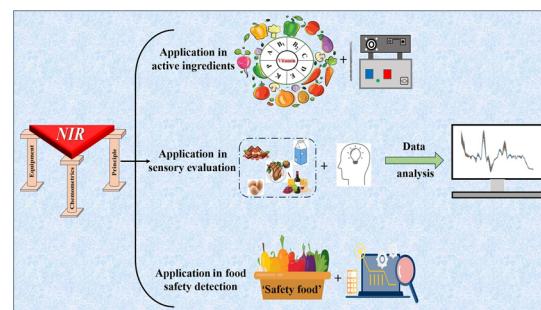
Fundamental questions
Elemental answers

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Near-infrared spectroscopy: application in ensuring food quality and safety

Yuxia Xu, Tianyu Kong,* Yinfai Ma, Yan Zhao, Le Chu and Mingzhu Zheng*

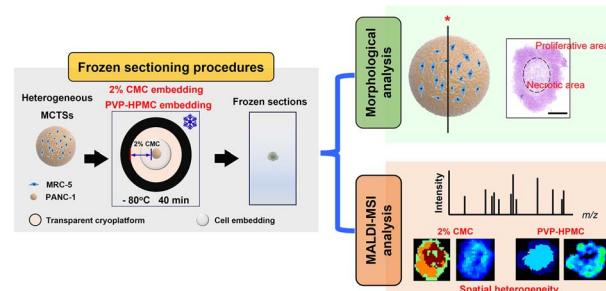


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Preparation of multicellular spheroid sections embedded with sodium carboxymethyl cellulose for mass spectrometry imaging

Xin Wang, Xuantong Liu, Chao Zhao,* Zhiyi Yang, Tianyou Cao, Qian Luo* and Wei Bian*

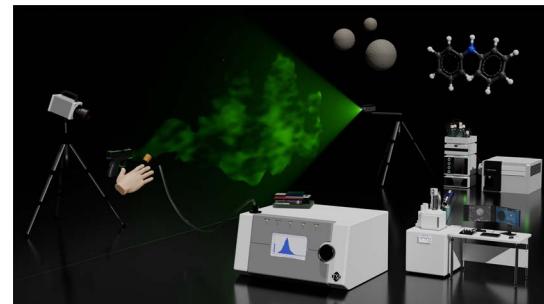


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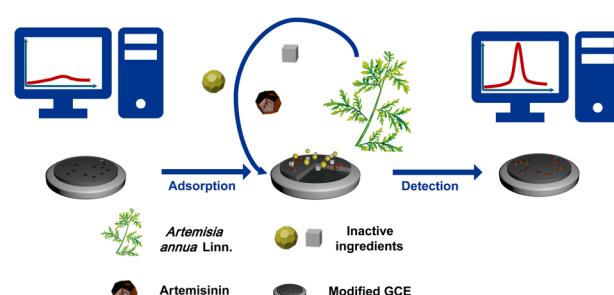
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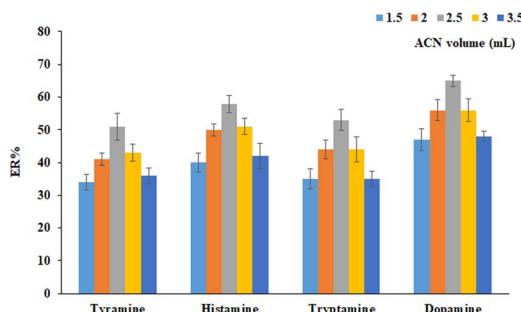
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Jingbo Zhang, Quancheng Chen, Xuemin Gao, Ziqin Suo, Di Wu, Yunxian Zhou, Yingying Zeng, Yanping Li, Yanyun Che* and Qing Chen*



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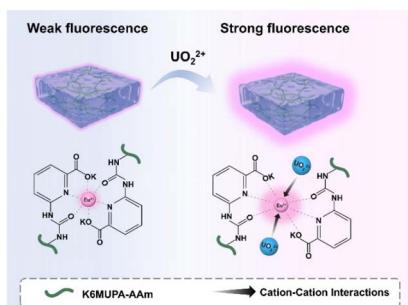
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Mahdi Beheshtian,
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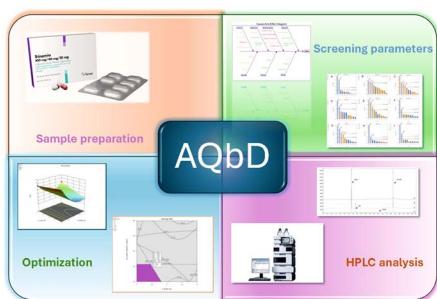
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A cation-mediated fluorescence enhanced hydrogel for the sensitive detection of uranyl ions in water

Yuxiao Wang, Chenyi Deng, Shusen Chen, Yan Song,
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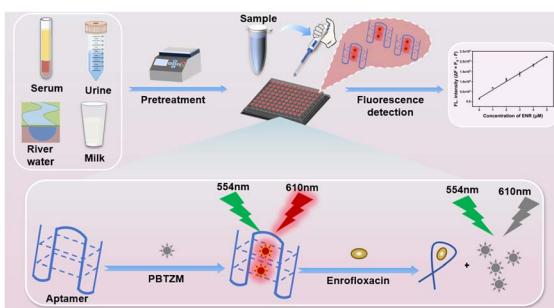
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Wei-Chuang Kong, Chen-Chen Li, Jun-Tao Niu,
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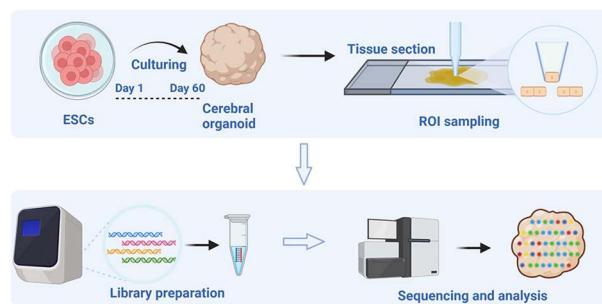


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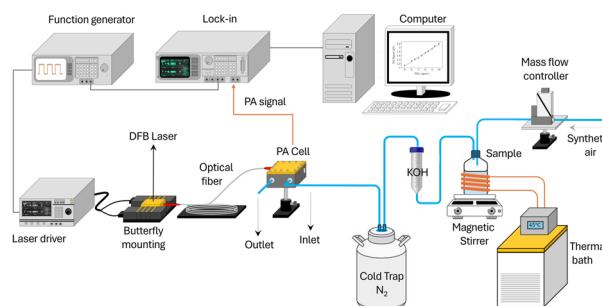
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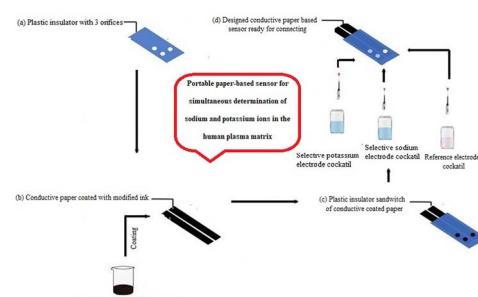
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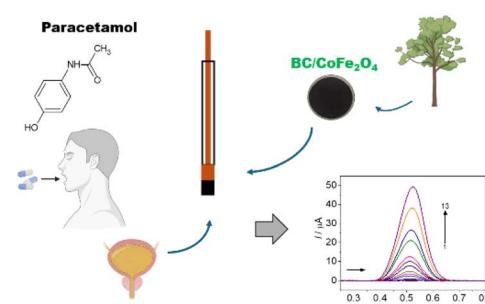
Mohammed Alqarni



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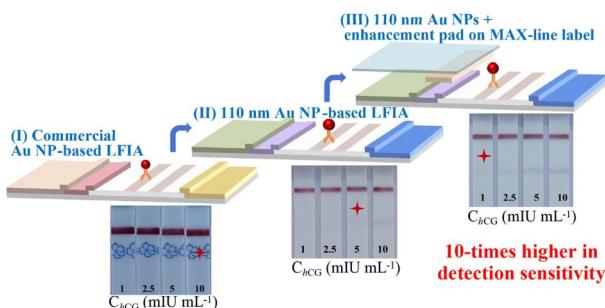
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Noemí Cristina Silva de Souza, Gustavo Alves Puiatti, Gessica do Carmo Dias, Rafael Matias Silva, Renata Pereira Lopes Moreira and Tiago Almeida Silva*



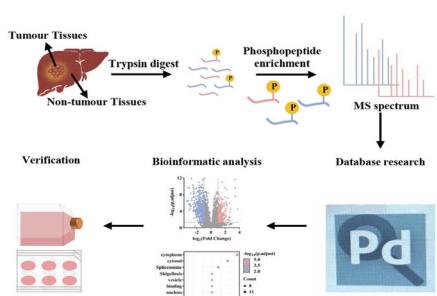
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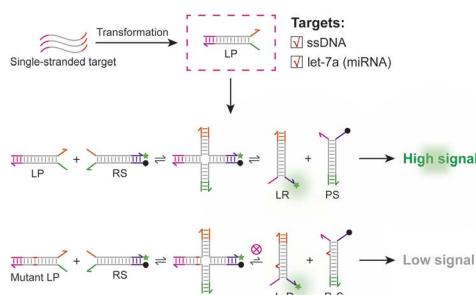
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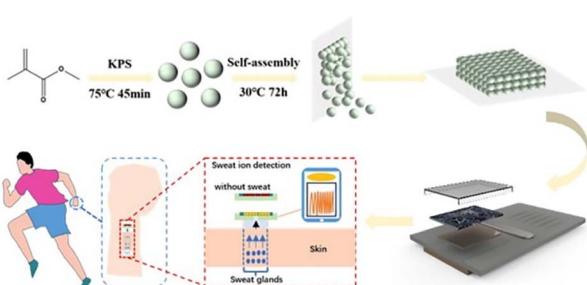
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**A photonic crystal-hydrogel sensor for the monitoring of potassium ions in sweat**

Bing Lin, Irfan Muhammad, Wenxin Zhang, Yifei Wang and Zihui Meng*

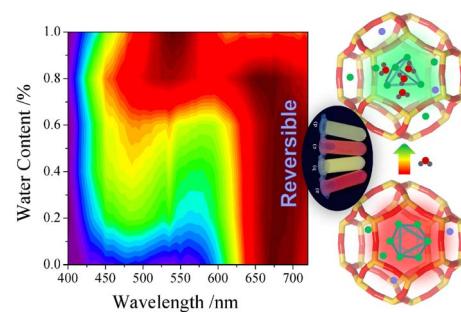


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Silver nanocluster-based fluorescent probes for detection of trace water in organic solvents with potential application in reaction monitoring

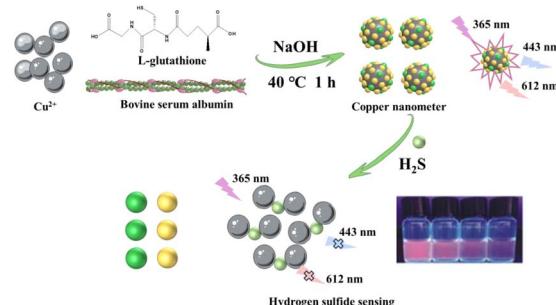
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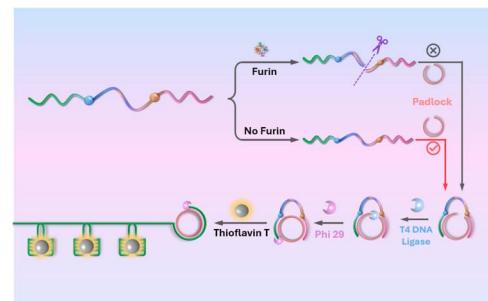
Longyan Wang, Huachao Che, Lizhu Fang, Liqiang Lu,* Xike Tian* and Yeukuang Hwu



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Peptide–DNA conjugate-assisted DNA cyclization for highly efficient and sensitive detection of furin

Minghui Wang, Cuifei Chen, Keqin Ying, Lingjun Sha, Deqi Kuang, Yue Huang,* Jie Yang* and Tingting Yin*

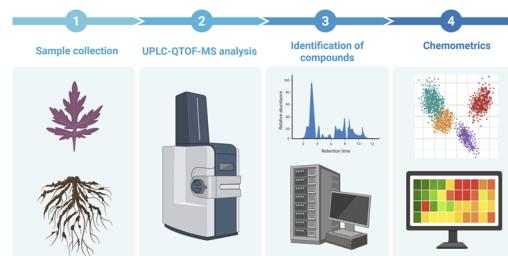


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Research on chemical constituent differences in wild and cultivated *Arnebia euchroma* by combining UPLC-QTOF-MS with chemometrics

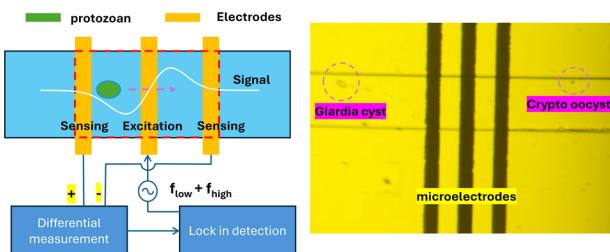
R. Huang, D. X. Wu, R. Wu, N. Yang, F. Wei, S. Y. Dai* and J. Zheng*

Research on chemical constituent differences in wild and cultivated *Arnebia euchroma* by combining UPLC-QTOF-MS with chemometrics



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Waterborne protozoan parasite detection using two-frequency impedance flow cytometry

Yunhao Peng, Bruce K. Gale and Himanshu J. Sant*

CORRECTION

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Correction: Development of a fluorous trapping reagent for rapid detection of electrophilic reactive metabolites

Yusuke Akagi, Hiroyuki Yamakoshi and Yoshiharu Iwabuchi*

