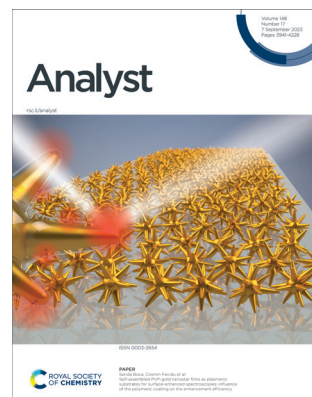


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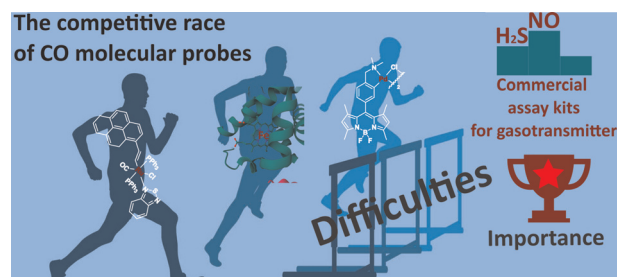
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The importance of and difficulties involved in creating molecular probes for a carbon monoxide gasotransmitter

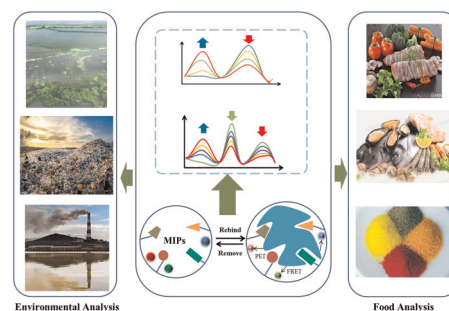
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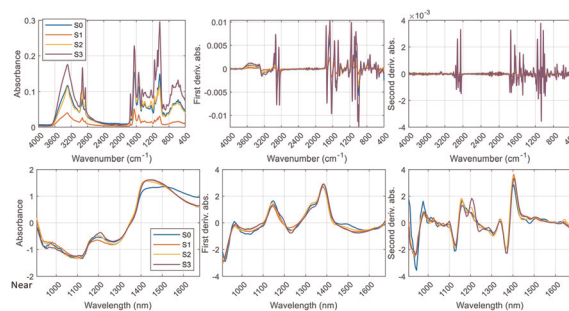


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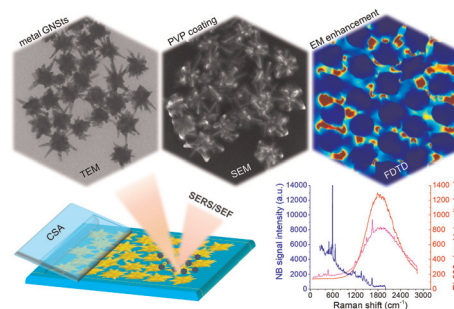


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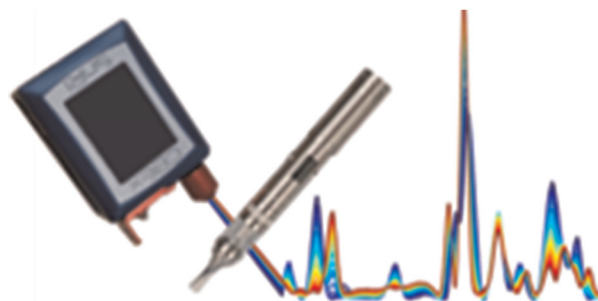
Andra-Sorina Tatar, Sanda Boca,* Alexandra Falamas, Denisa Cuibus and Cosmin Farcău*



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Quantifying PG : VG ratio and nicotine content in commercially available e-liquids using handheld Raman spectroscopy

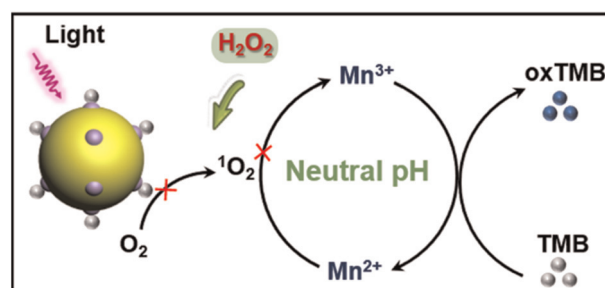
Paul I. C. Richardson, Adam Burke, Nigel Gotts and Royston Goodacre*



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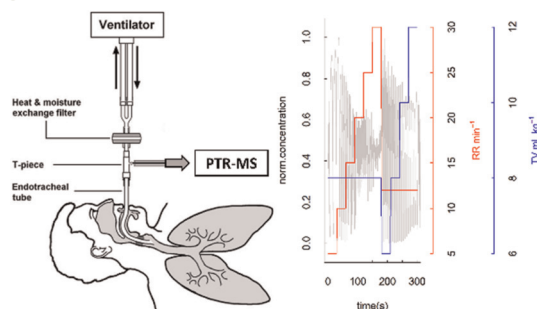
Engineering a gold nanoparticles-carbon dots nanocomposite with pH-flexibility for monitoring hydrogen peroxide released from living cells

Hongmei Xu,* Lili Guo, Weijiang Duan, Yang Liu, Shaomin Shuang and Chuan Dong*



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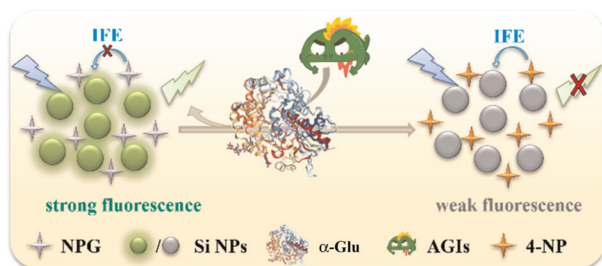
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Andrea Romano, Matyas Fehervari and Piers R. Boshier*

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Fangning Liu, Fan Liang, Zhe Li, Ge Kang, Tingting Wang, Chuanxia Chen* and Yizhong Lu*

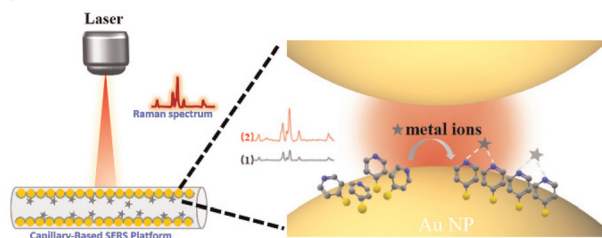
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Highly sensitive and selective SERS substrates with 3D hot spot buildings for rapid mercury ion detection

Jia Li, Wei Peng, An Wang, Mingjie Wan, Yadong Zhou,* Xia-Guang Zhang,* Shangzhong Jin and Fan-Li Zhang*

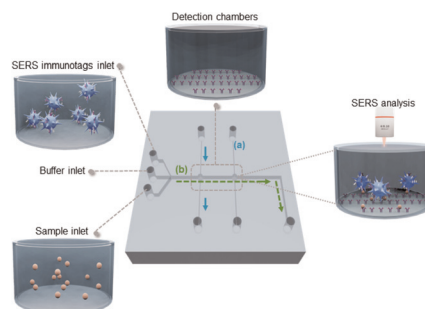


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A simple polystyrene microfluidic device for sensitive and accurate SERS-based detection of infection by malaria parasites

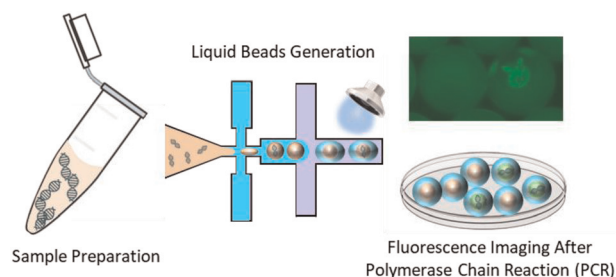
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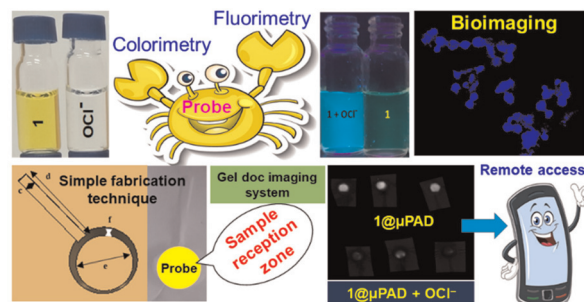
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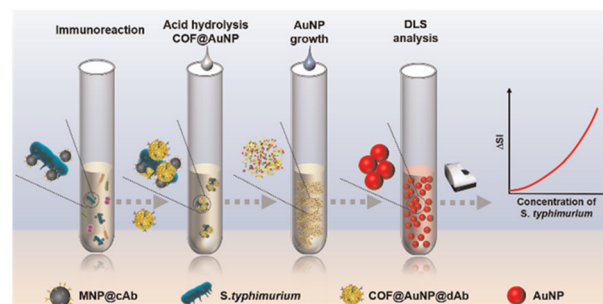
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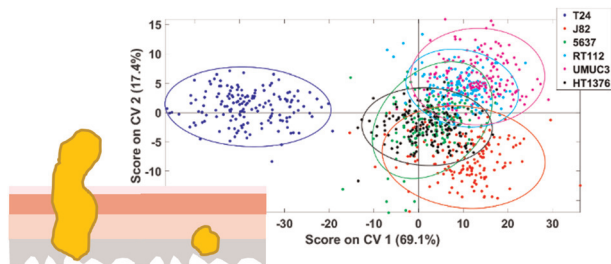
Gold nanoparticle-decorated covalent organic frameworks as amplified light-scattering probes for highly sensitive immunodetection of *Salmonella* in milk

Qian Guo, Jun Huang, Hao Fang, Xiaoyang Li, Yu Su, Yonghua Xiong, Yuankui Leng* and Xiaolin Huang*



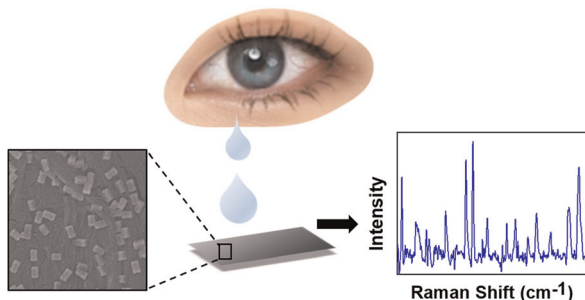


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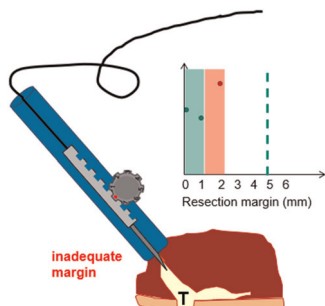


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Mei-Chin Lien, I-Hsiu Yeh, Yin-Cheng Lu and
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Intraoperative assessment of resection margins by Raman spectroscopy to guide oral cancer surgery

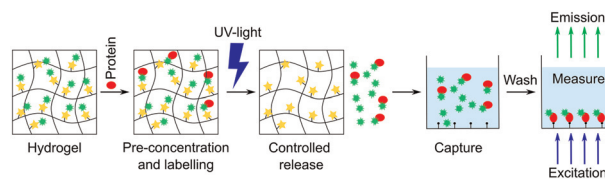
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Photoactive hydrogels for pre-concentration, labelling, and controlled release of proteins

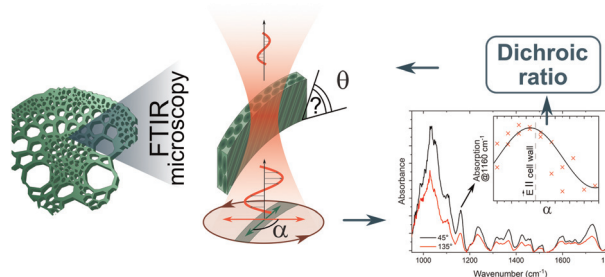
Leanne Kellermann and Ruchi Gupta*



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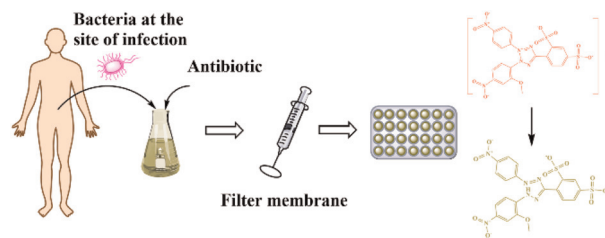
Alexander Veber, Victor M. R. Zancajo, Ljiljana Puskar, Ulrich Schade and Janina Kneipp*



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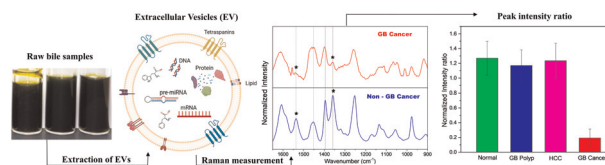
Rui Zhao, Yubin Shen, Chenyu Zhao, Chengfeng Wu, Yuyang Liu, Huakun Wan and Zhentan Lu*



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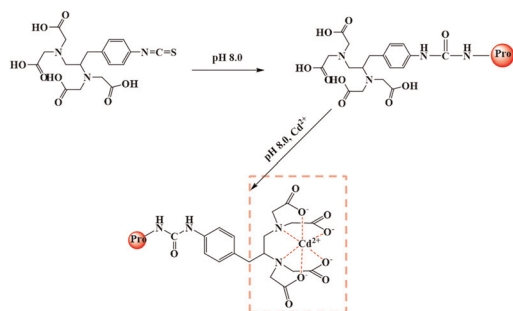
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Thu Thuy Bui, Eunjin Jang, Ji Hyun Shin, Tae Hun Kim, Hayoon Kim, Dongho Choi, Tung Duy Vu and Hoeil Chung*



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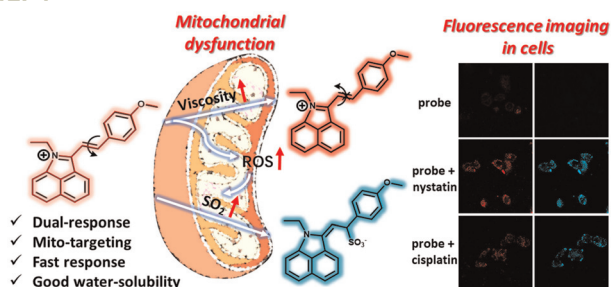
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A colloidal gold immunoassay strip assay for cadmium detection in oilfield chemicals

Luming Jiang, Peng Wang, Yong Shu, Ping Jin, Liguang Xu, Chuanlai Xu and Lingling Guo*

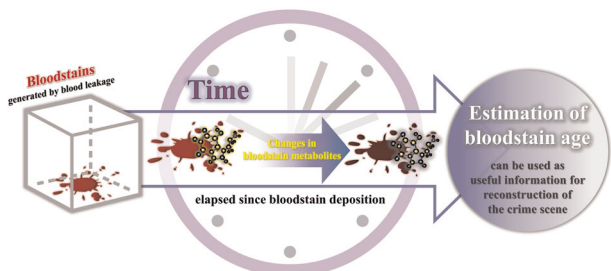
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Probing fluctuations in sulfur dioxide and viscosity levels during mitochondrial dysfunction using a dual-response fluorescent probe with good water solubility

Hankun Zhang, Wenshuo Cheng, Siqi Zeng, Benhua Wang* and Xiangzhi Song

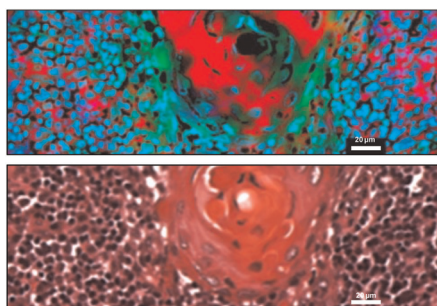
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Discovery and validation of metabolite markers in bloodstains for bloodstain age estimation

Seungyeon Lee, You-Rim Lee, Jiyeong Lee* and Hee-Gyoo Kang*

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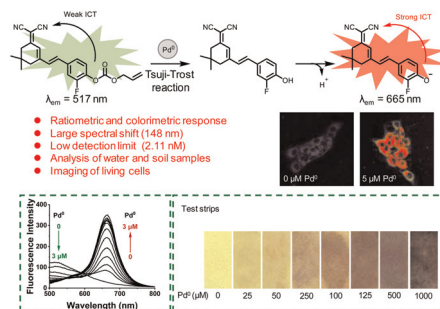


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A sensitive ratiometric fluorescence probe with a large spectral shift for sensing and imaging of palladium

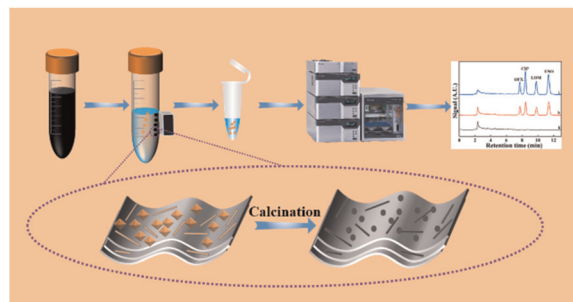
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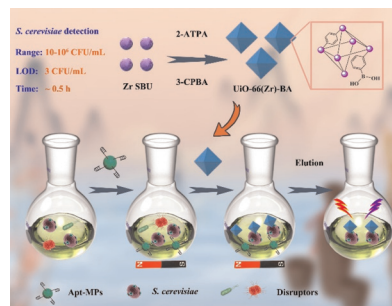
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In situ growth of a cobalt porphyrin-based covalent organic framework on multi-walled carbon nanotubes for ultrasensitive real-time monitoring of living cell-released nitric oxide

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