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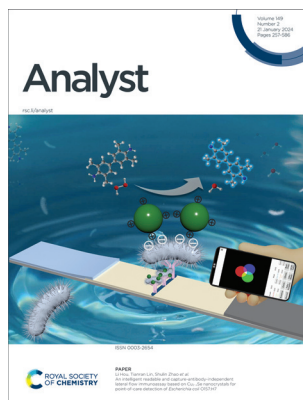
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pp. 350–356.

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Shulin Zhao *et al.*,
pp. 357–365.

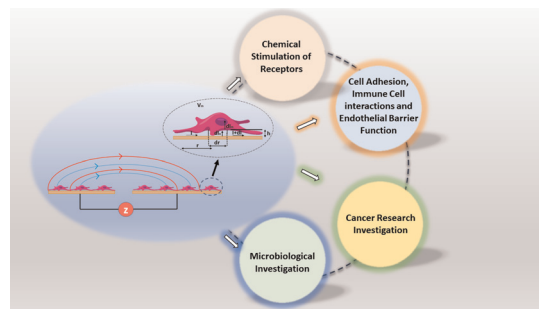
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A review of electrochemical impedance as a tool for examining cell biology and subcellular mechanisms: merits, limits, and future prospects

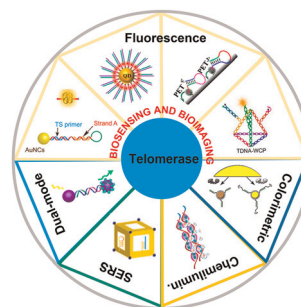
Seyedyousef Arman, Richard D. Tilley and J. Justin Gooding*



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Recent advances in optical biosensing and imaging of telomerase activity and relevant signal amplification strategies

Ruining Yang, Junbo Hu, Longsheng Zhang, Xingfen Liu,* Yanqin Huang, Lei Zhang and Quli Fan



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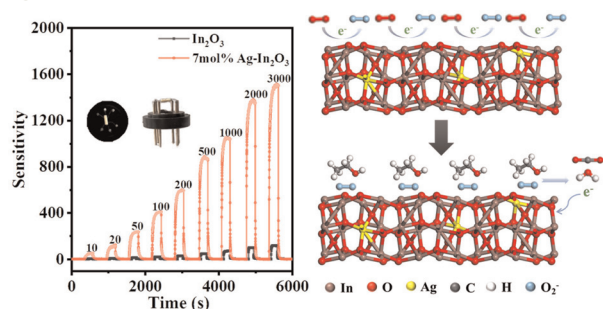
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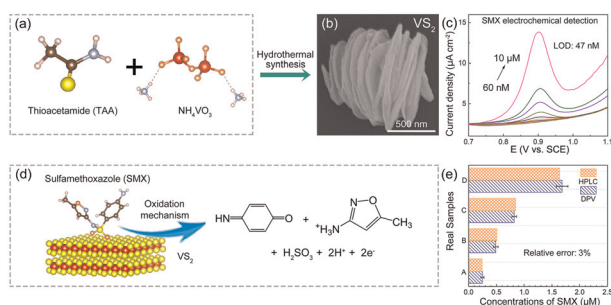
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Facile synthesis of Ag lattice doped mesoporous In_2O_3 nanocubes for high performance ethanol sensing

Xinyu Liu, Cuiping Jia,* Xin liu, Jiabing Luo, Yan Zhou, Wenle Li, Shutao Wang and Jun Zhang*

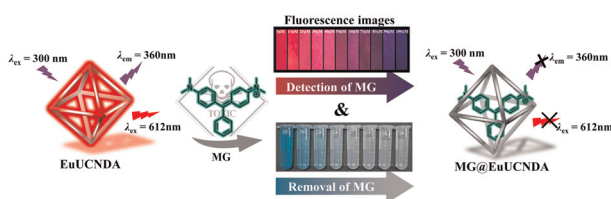
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A promising electrochemical sensor based on PVP-induced shape control of a hydrothermally synthesized layered structured vanadium disulfide for the sensitive detection of a sulfamethoxazole antibiotic

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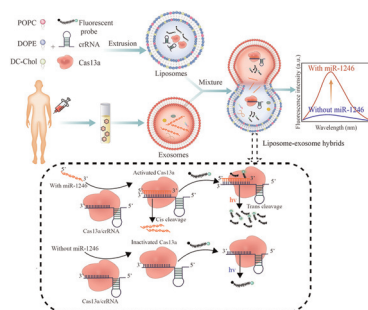
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A recyclable Eu^{3+} -functionalized dual-emissive metal–organic framework for portable, rapid detection and efficient removal of malachite green

Hou-Qun Yuan, Wei Li, Yi-Fan Xia, Si-Yi Liu, Yu-Fei Zhong, Zhen-Chong Dou, Xia Wei, Ran Wang, Peiyao Chen, Yan-Xia Li and Guang-Ming Bao*

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Liposome–exosome hybrids for *in situ* detection of exosomal miR-1246 in breast cancer

Xuting Zhou, Wenting Tang, Yan Zhang, Aidong Deng, Yuehua Guo* and Li Qian*

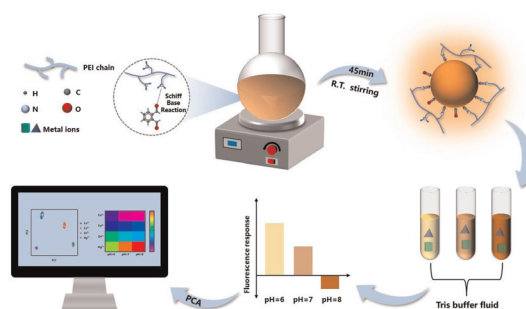


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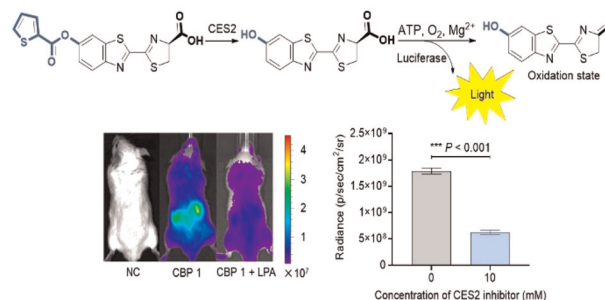
Yifan Lu, Wenbang Yu,* Guoyue Shi and Min Zhang*



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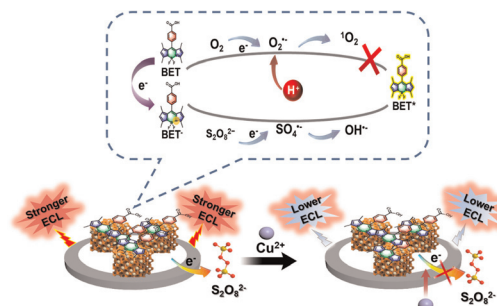
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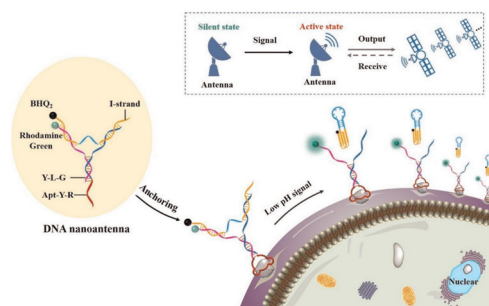
Shu-Shu Song, Jiale Zhan, Hao-Tian Zhu, Jing-Yi Bao, Ai-Jun Wang, Pei-Xin Yuan* and Jiu-Ju Feng*



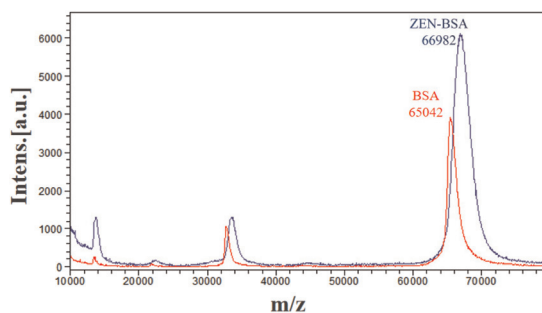
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A hairpin-contained i-motif guided DNA nanoantenna for sensitive and specific sensing of tumor extracellular pH gradients

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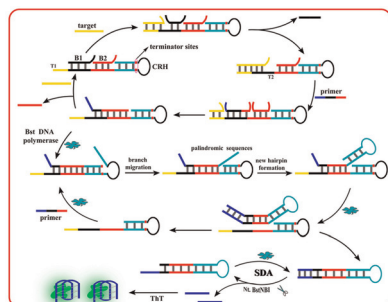
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A sensitive monoclonal antibody-based ELISA integrated with immunoaffinity column extraction for the detection of zearalenone in food and feed samples

Ting Wang, Ting Zhou, Kang Wu,* Junlin Cao, Yuze Feng, Jianguo Li* and Anping Deng*

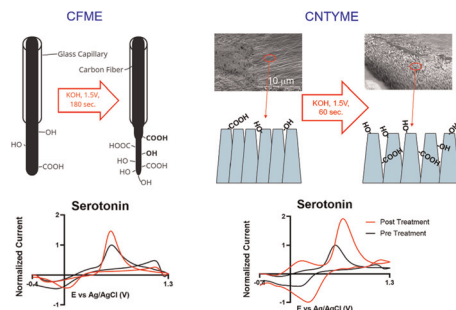
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Target-initiated triplex signal amplification cascades for non-label and sensitive fluorescence sensing of microRNA

Lei Liao, Tingting Gong, Bingying Jiang,* Ruo Yuan and Yun Xiang*

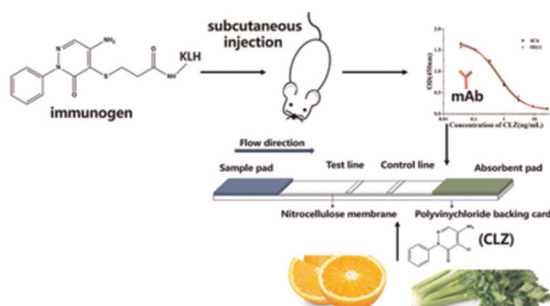
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Electrochemical treatment in KOH improves carbon nanomaterial performance to multiple neurochemicals

Samuel M. Hanser, Zijun Shao, He Zhao and B. Jill Venton*

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Qing Zhang, Aihong Wu, Jinyan Li, Liqiang Liu, Hua Kuang, Chuanlai Xu and Lingling Guo*

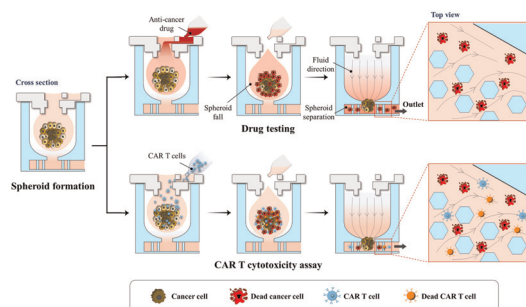


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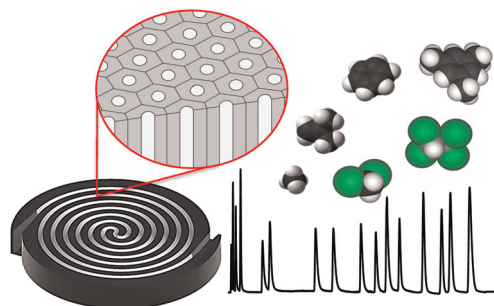
Zhenzhong Chen, Seokgyu Han, Sein Kim, Chanyang Lee, Arleen Sanny, Andy Hee-Meng Tan and Sungsu Park*



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A stamped aluminium gas chromatographic column disk employing directly grown anodic aluminium oxide stationary phase for the separation of aromatic and chlorinated compounds

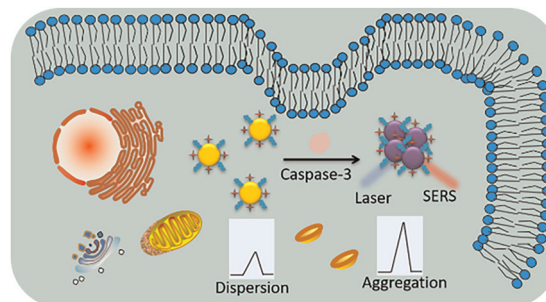
Chih-Chieh Fan, Chih-Chia Wang* and Chia-Jung Lu*



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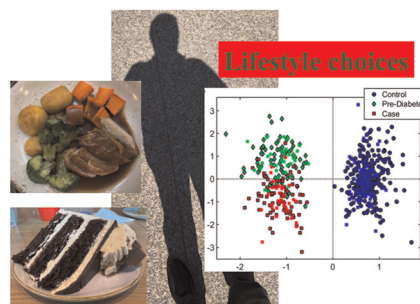
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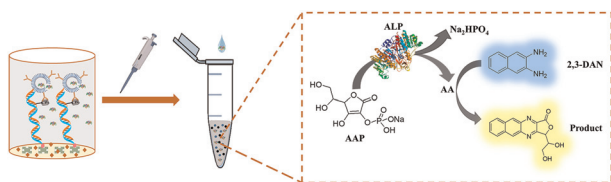
Serum-based ATR-FTIR spectroscopy combined with multivariate analysis for the diagnosis of pre-diabetes and diabetes

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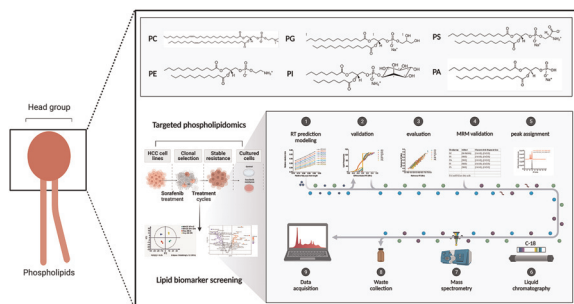
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A ratiometric fluorescence assay for the detection of DNA methylation based on an alkaline phosphatase triggered *in situ* fluorogenic reaction

Hongding Zhang,* Yinhui Su, Jiamiao Zhao, Huixi Song and Xiaohong Zhou

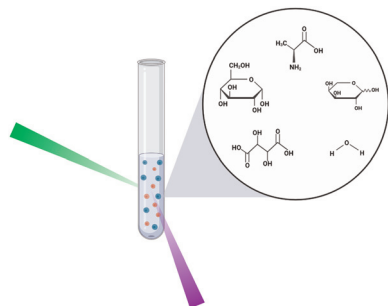
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Retention time prediction and MRM validation reinforce the biomarker identification of LC-MS based phospholipidomics

Jiangang Zhang, Yu Zhou, Juan Lei, Xudong Liu, Nan Zhang, Lei Wu and Yongsheng Li*

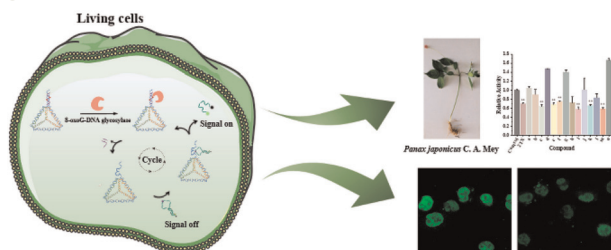
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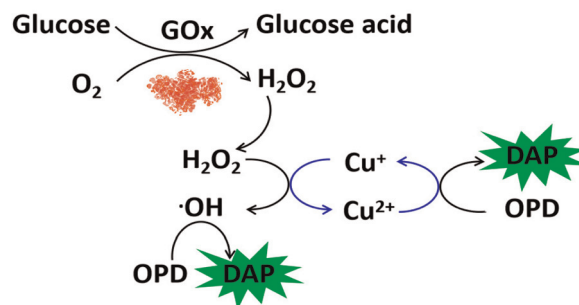


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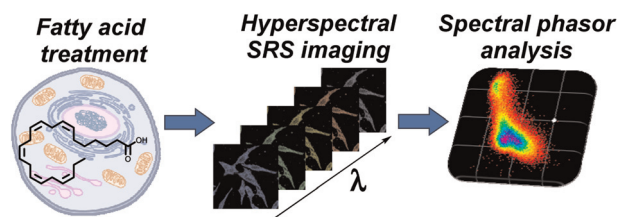
Lu Sun, Lin-Ge Chen and Hai-Bo Wang*



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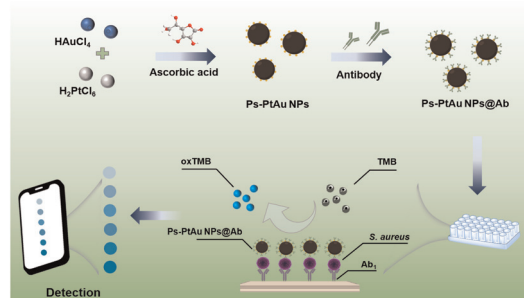
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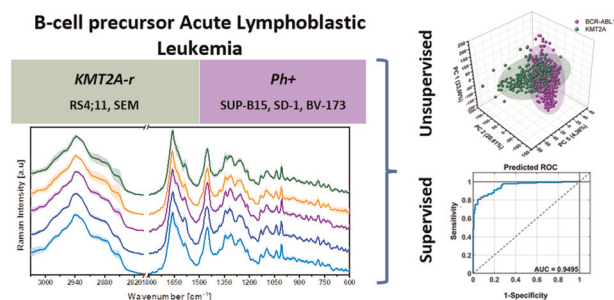
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Nathan Kodjo Mintah Churcher, Vikram Narayanan Dhamu and Shalini Prasad*

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Correction: A poly(thymine)-templated fluorescent copper nanoparticle hydrogel-based visual and portable strategy for an organophosphorus pesticide assay

Jihua Chen, Ting Han, Xiuyun Feng, Baojuan Wang and Guangfeng Wang*

