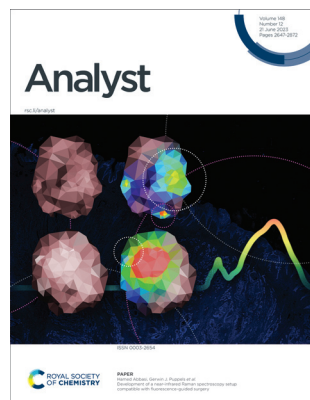


IN THIS ISSUE

ISSN 0003-2654 CODEN ANALAO 148(12) 2647-2872 (2023)



Cover

See Hamed Abbasi,
Gerwin J. Puppels *et al.*,
pp. 2676–2682.

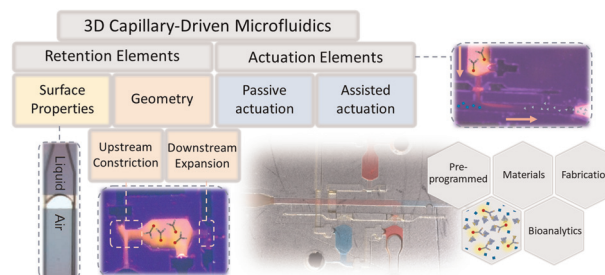
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2023, **148**, 2676.

CRITICAL REVIEW

2657

Capillary-driven microfluidics: impacts of 3D manufacturing on bioanalytical devices

Pooya Azizian, Jasmina Casals-Terré, Jordi Ricart and Joan M. Cabot*

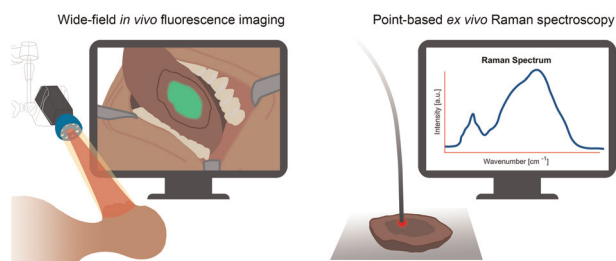


PAPERS

2676

Development of a near-infrared Raman spectroscopy setup compatible with fluorescence-guided surgery

Hamed Abbasi,* Lorraine J. Lauwerends,
Tom C. Bakker Schut, Inês P. Santos, Peter J. Caspers,
Jose A. U. Hardillo, Senada Koljenović,
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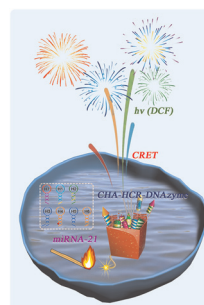


PAPERS

2683

Chemiluminescence resonance energy transfer-based multistage nucleic acid amplification circuits for MiRNA detection with low background

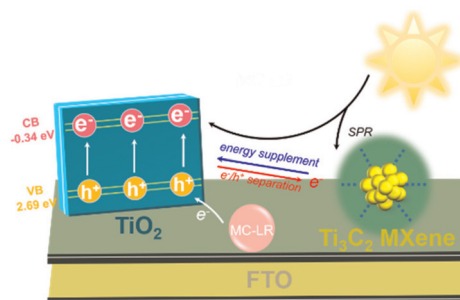
Nana Kang, Benrui Weng, Sijia Liu, Huiran Yang, Siyuan Wang, Yaqi Liu, Jiabing Ran, Hanghang Liu, Zhangshuang Deng, Changying Yang, Huimin Wang* and Fuan Wang



2692

Ti₃C₂ MXene improved photoelectrochemical anode assembly of titanium dioxide nanoarrays for microcystin-LR detection

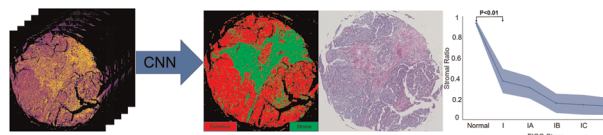
Yue Jia, Yu Du, Xiaoyue Zhang, Rui Xu, Xiang Ren, Dan Wu, Hongmin Ma and Qin Wei*



2699

Leveraging mid-infrared spectroscopic imaging and deep learning for tissue subtype classification in ovarian cancer

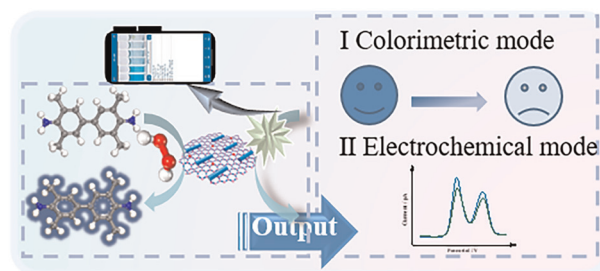
Chalapathi Charan Gajjela, Matthew Brun, Rupali Mankar, Sara Corvigno, Noah Kennedy, Yanping Zhong, Jinsong Liu, Anil K. Sood, David Mayerich, Sebastian Berisha and Rohith Reddy*



2709

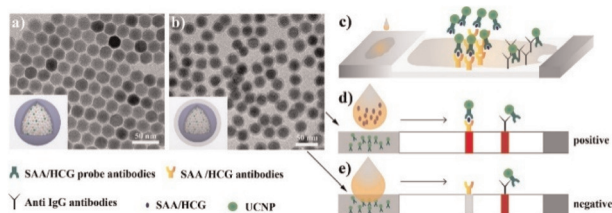
CuO nanorod-decorated hemin-graphene with enhanced peroxidase-mimicking performance for the colorimetric and electrochemical determination of 4-aminophenol with a smartphone

Miaomiao Li, Xiuying Peng, Zhiguang Liu, Yan Dai, Yujie Han, Lifang Fan and Yujing Guo*



PAPERS

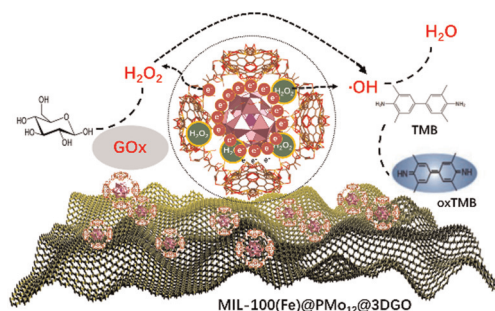
2717



Rapid determination of serum amyloid A using an upconversion luminescent lateral flow immunochromatographic strip

Xinwen Sun, Xiaoru Dai, Shisheng Ling, Wenkun Dong, Dong Chen, Mengting Li, Xvsheng Qiao,* Zhiyu Wang, Xianping Fan and Guodong Qian

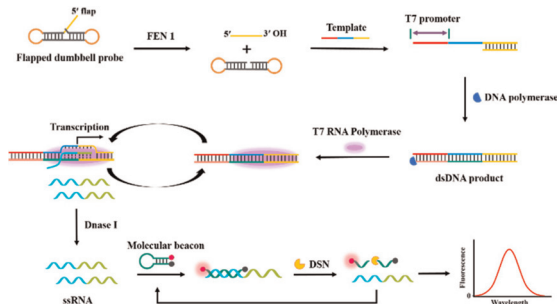
2725



Increasing the peroxidase-like activity of the MIL-100(Fe) nanozyme by encapsulating Keggin-type 12-phosphomolybdate and covering three-dimensional graphene

Yuhan Ji, Yupu Wei, Jinghui Shen, Jinlong Zhuo, Mingqi Xu, Yunliang Wang* and Jingquan Sha*

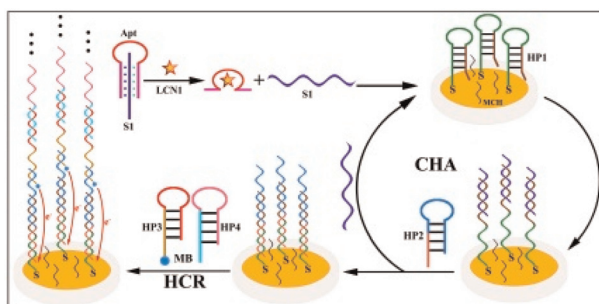
2732



Target-activated T7 transcription circuit-mediated multiple cycling signal amplification for monitoring of flap endonuclease 1 activity in cancer cells

Jin-zhi Zhang, Ning-ning Zhao, Zi-yue Wang, Juan Hu* and Chun-yang Zhang*

2739



An aptamer triple helix molecular switch for sensitive electrochemical assay of lipocalin 1 biomarker via dual signal amplifications

Jianglong Yao, Yujie Liu, Bingying Jiang,* Ruo Yuan and Yun Xiang*

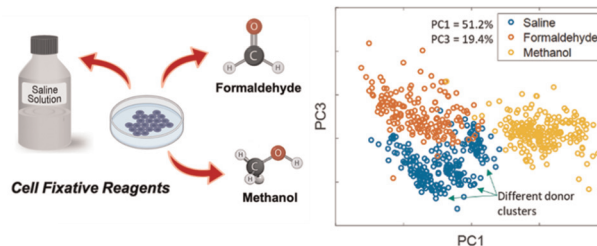


PAPERS

2745

Saline dry fixation for improved cell composition analysis using Raman spectroscopy

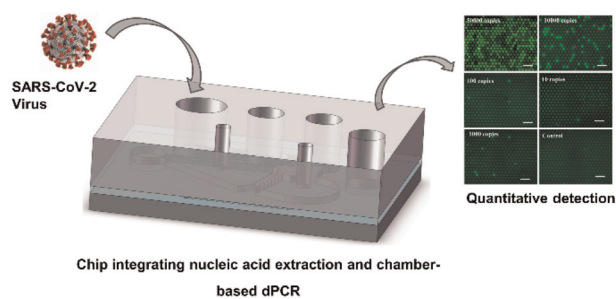
Shreyas Rangan, Riley Wong, H. Georg Schulze, Martha Z. Vardaki, Michael W. Blades, Robin F. B. Turner* and James M. Piret*



2758

An integrated microfluidic chip for nucleic acid extraction and continued cdPCR detection of pathogens

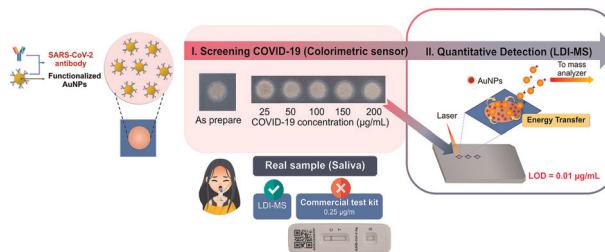
Yaru Huang, Zehang Gao, Cong Ma, Yimeng Sun, Yuhang Huang, Chunging Jia,* Jianlong Zhao* and Shilun Feng*



2767

Alternative platform for COVID-19 diagnosis based on AuNP-modified lab-on-paper

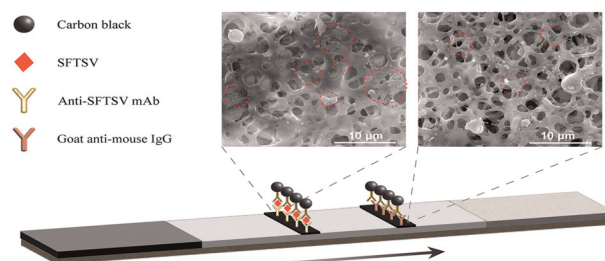
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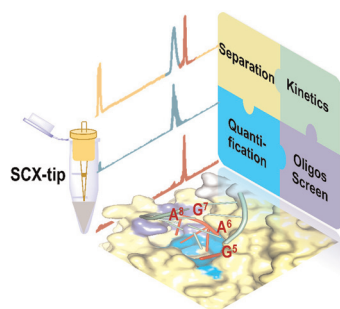
2776

Carbon black as a colorimetric label for an immunochromatographic test strip for severe fever with thrombocytopenia syndrome virus detection

Hao Liu, Fang Ji and Shou-Nian Ding*



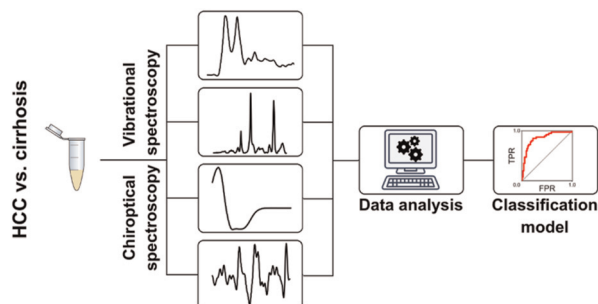
2782



SCX-tip-aided LC-MS detection of active ricin via oligonucleotide substrates for depurination kinetics

Zhifang Yang, Chenyu Wang, Lan Xiao, Chuang Wang, Li Tang,* Lei Guo* and Jianwei Xie

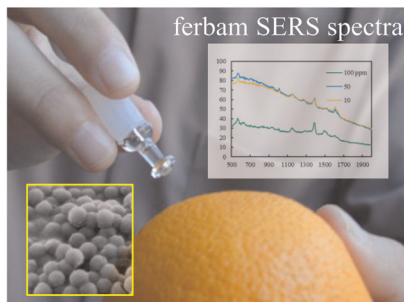
2793



Vibrational and chiroptical analysis of blood plasma for hepatocellular carcinoma diagnostics

Ondřej Vrtělka,* Kateřina Králová, Markéta Fousková, Lucie Habartová, Petr Hříbek, Petr Urbánek and Vladimír Setnička

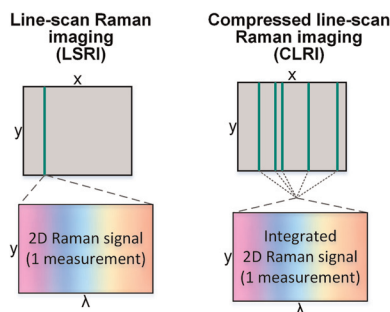
2801



Mass producible, robust SERS substrates based on metal film on nanosphere (MFON) on an adhesive substrate for detection of surface-adsorbed molecules and their evaluation by helium ion microscopy

H. Takei,* N. Saito, T. Okamoto, K. Watanabe, M. Westphal, R. Tomioka and A. Götzhäuser

2809



A critical evaluation of compressed line-scan Raman imaging

Yajun Yu,* Yichuan Dai, Xianli Wang, Kaiqin Chu and Zachary J. Smith*

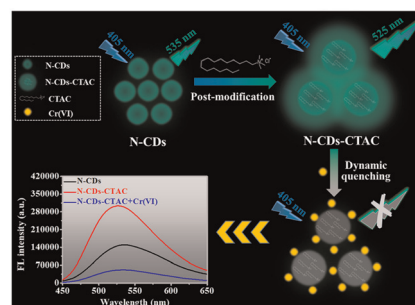


PAPERS

2818

Surfactant encapsulating N-doped carbon dots with enhanced optical properties as a selective sensor for Cr(VI) detection

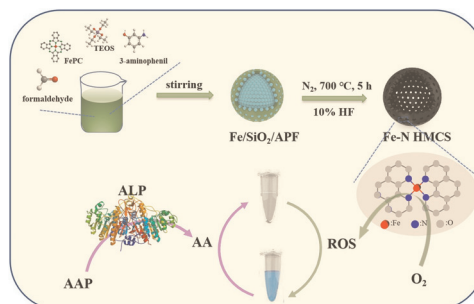
Qiუმeng Chen, Nan Li, Yulu Tian, Qian Liu, Xue Zou, Meikun Fan and Zhengjun Gong*



2825

Fe–N hollow mesoporous carbon spheres with high oxidase-like activity for sensitive detection of alkaline phosphatase

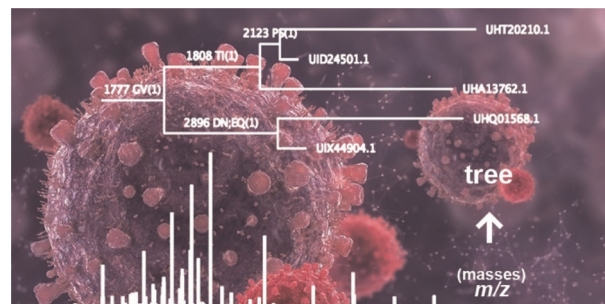
Yanwen Chen, Liu Zhao, Baoshuai Zhang, Yuqing Guan, Cheng Yao and Xuan Xu*



2834

Charting and tracking the evolution of the SARS CoV-2 coronavirus variants of concern with protein mass spectrometry

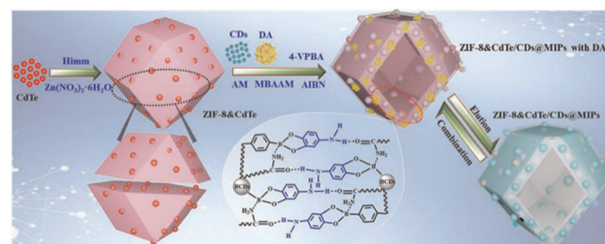
Joshua S. Hoyle, Christian Mann, Elma H. Akand and Kevin M. Downard*



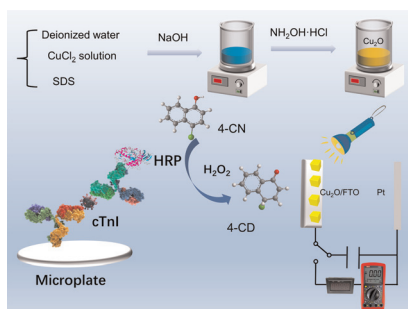
2844

Hollow structure molecularly imprinted ratiometric fluorescence sensor for the selective and sensitive detection of dopamine

Xiqing Liu, Ying Fang, Deqiang Zhu, Jinyu Wang, Yu Wu, Tao Wang* and Yongqing Wang*



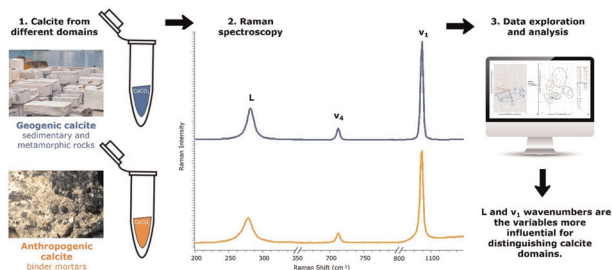
2855



A digital multimeter-based portable photoelectrochemical immunoassay for the detection of cardiac troponin I with enzymatic biocatalytic precipitation

Bizhen Huang, Jing Ran, Ruishen Li, Wei Zhuang, Jiabi Chen* and Haixin Guo*

2861



Non-destructive distinction between geogenic and anthropogenic calcite by Raman spectroscopy combined with machine learning workflow

Sara Calandra,* Claudia Conti, Irene Centauro and Emma Cantisani

