

Sensors & Diagnostics

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pp. 1460–1468.
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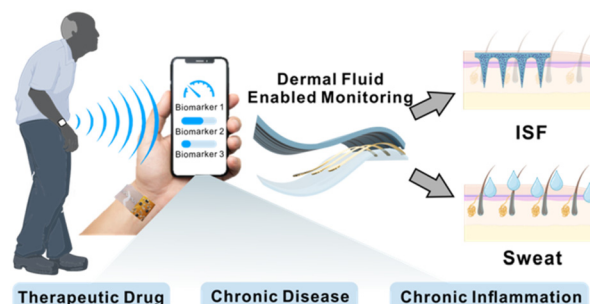
Inside cover
See Jie Zheng *et al.*,
pp. 1469–1482.
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CRITICAL REVIEWS

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Dermal-fluid-enabled detection platforms for non-invasive ambulatory monitoring

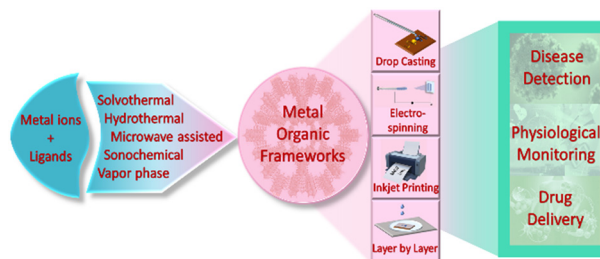
Asmita Veronica, Yanan Li, Yue Li, I-Ming Hsing
and Hnin Yin Yin Nyein*



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Advancing healthcare applications: wearable sensors utilizing metal-organic frameworks

P. N. Blessy Rebecca, D. Durgalakshmi, S. Balakumar
and R. Ajay Rakkesh*



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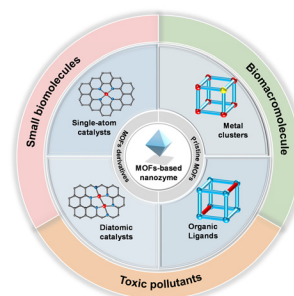


CRITICAL REVIEWS

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Tuning atomic-scale sites in metal–organic framework-based nanozymes for sensitive biosensing

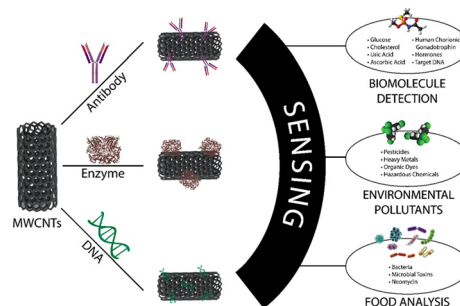
Yating Wen, Weiqing Xu, Liuyong Hu, Miao Xu, Wenling Gu,* Hongcheng Sun and Chengzhou Zhu*



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Sandeep Kumar, H. K. Sidhu, Ashok K. Paul, Neha Bhardwaj, Neeraj S. Thakur* and Akash Deep*



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The technology of wearable flexible textile-based strain sensors for monitoring multiple human motions: construction, patterning and performance

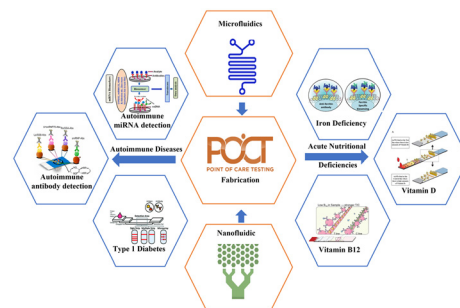
Liza Liza, Md Homaune Kabir, Liang Jiang,* Stephen Jerrams and Shaojuan Chen*



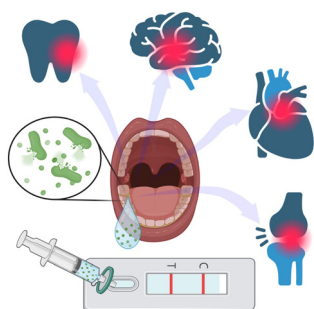
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Prateechee Padma Behera, Natish Kumar, Monika Kumari, Sumit Kumar, Pranab Kumar Mondal and Ravi Kumar Arun*



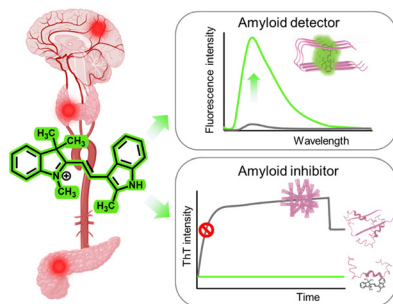
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Salivary endotoxin detection using combined mono/polyclonal antibody-based sandwich-type lateral flow immunoassay device

Daewoo Han, Sancai Xie and Andrew J. Steckl*

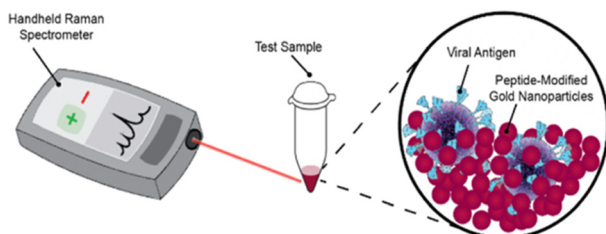
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Multi-target amyloid probing and inhibition using basic orange fluorescence

Yijing Tang, Dong Zhang, Xiong Gong and Jie Zheng*

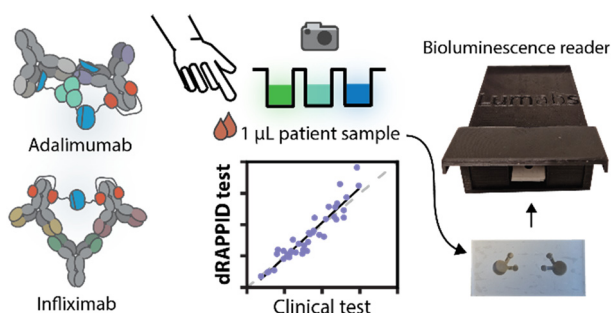
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From the lab to the field: handheld surface enhanced Raman spectroscopy (SERS) detection of viral proteins

Taylor D. Payne, Stephen J. Klaw, Tengyue Jian, Qunzhao Wang, Sang Hoon Kim, Ronit Freeman* and Zachary D. Schultz*

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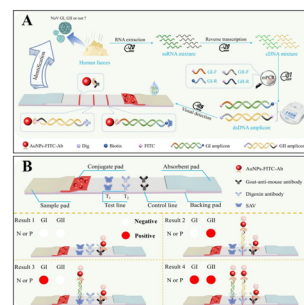
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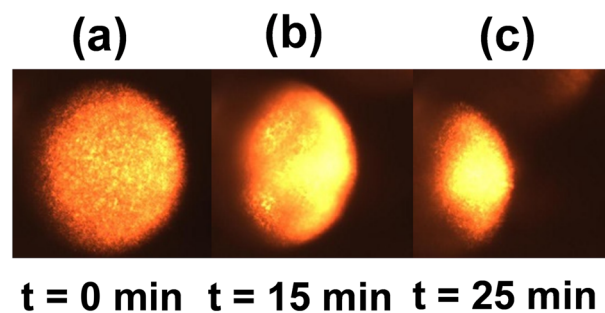
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Machine learning based microfluidic sensing device for viscosity measurements

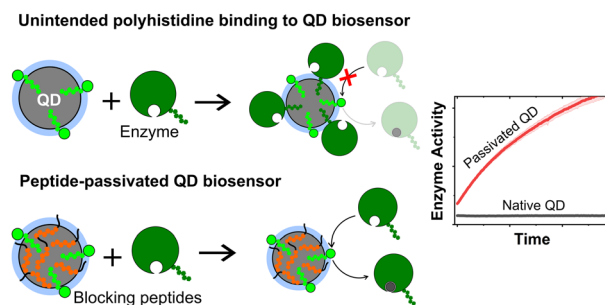
Adil Mustafa,* Daniyal Haider, Arnab Barua, Melikhan Tanyeri,* Ahmet Erten and Ozlem Yalcin*



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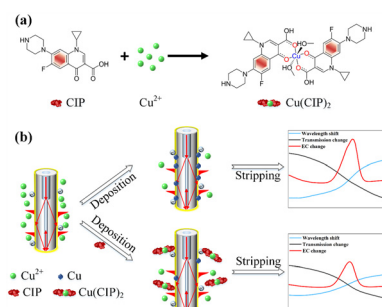
Christopher M. Green,* David A. Hastman, Kimihiro Susumu, Joseph Spangler, David A. Stenger, Igor L. Medintz and Sebastián A. Díaz*



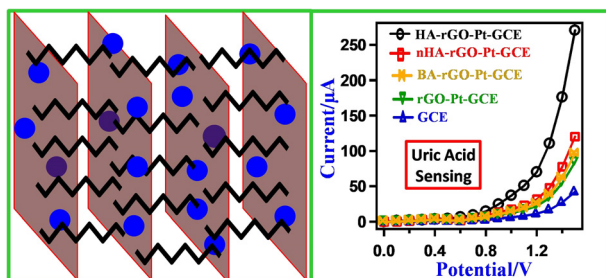
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Optical & electrochemical fiber-optic sensor: *in situ* detection of antibiotics with fM detection limit

Xiaoling Peng, Bo Peng, Xicheng Wang, Zhicong Ren, Zhiyong Yang, Lei Liu, Jiahai Li, Liang Chen, Daotong You, Jianqing Li,* Minghui Du* and Tuan Guo*



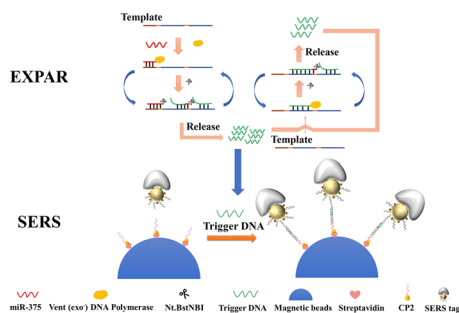
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Mohammad Razaul Karim,* Mohammad Jayed, Md. Zakariya Rahman Laskar, Md Murshed Bhuyan, Md. Saidul Islam, Shinya Hayami and Mohammed M. Rahman

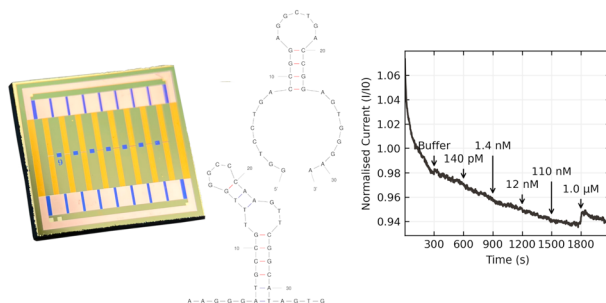
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EXPAR and Au-Ag mushroom-shaped SERS probe assisted detection of exosomal miR-375 in prostate cancer

Chenxiao Tang, Zhipeng Huang, Huixiang Li, Ren Zhang, Guopeng Yu, Jilie Kong, Hui Chen* and Wenhao Weng*

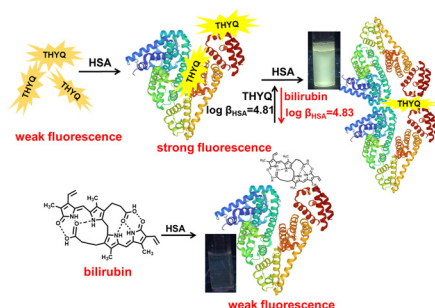
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A comparison between oestradiol aptamers as receptors in CNT FET biosensors

Erica Cassie, Hamish Dunham, Erica Happe, Hong Phan T. Nguyen, Janet L. Pitman and Natalie O. V. Plank*

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Efficient detection of bilirubin in human serum through a displacement approach

Nancy Singla, Manzoor Ahmad, Vishal Mahajan, Prabhpreet Singh and Subodh Kumar*

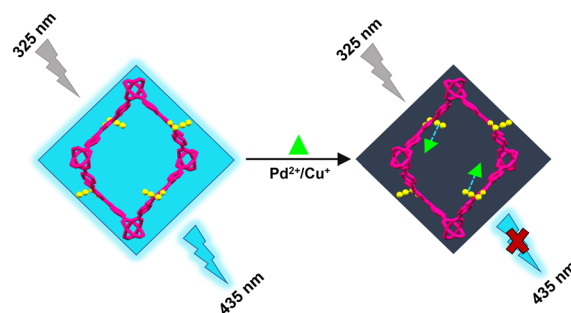


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A Zn-MOF functionalized with alkyne groups: ultrasensitive detection of Cu^+ and Pd^{2+} ions in aqueous medium

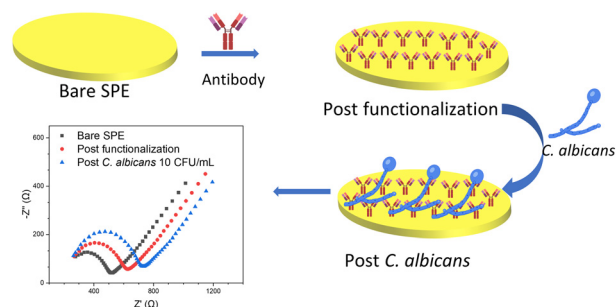
Aashish, Ruchika Gupta and Rajeev Gupta*



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Rapid detection of *Candida albicans* in urine by an Electrochemical Impedance Spectroscopy (EIS)-based biosensor

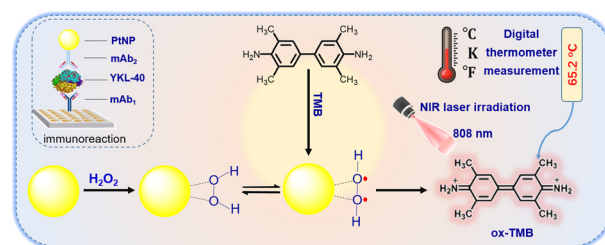
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Platinum nanozyme-mediated temperature sensor for sensitive photothermal immunoassay of YKL-40 under near-infrared light

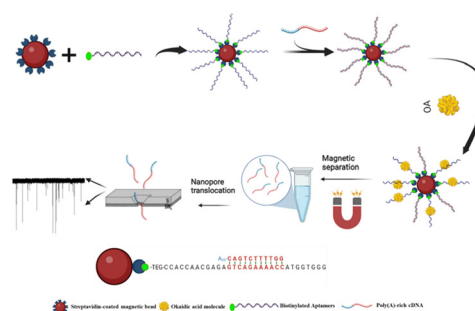
Shaoyang Yu, Qiaohong Ke, Fan Cai, Sisi Gong, Rongfu Huang and Chunmei Fan*



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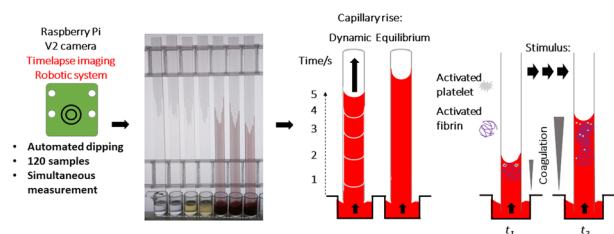
Highly sensitive solid-state nanopore aptasensor based on target-induced strand displacement for okadaic acid detection from shellfish samples

Mohamed Amin Elaguech, Yajie Yin, Yunjiao Wang, Bing Shao,* Chaker Tlili* and Deqiang Wang*



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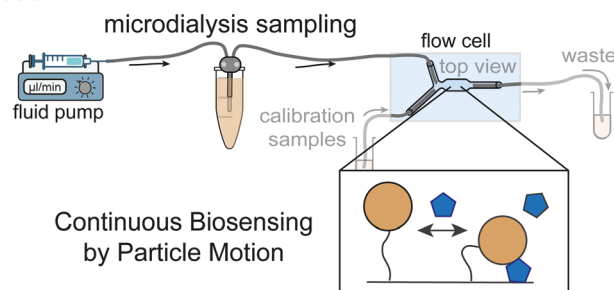
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Time- and distance-resolved robotic imaging of fluid flow in vertical microfluidic strips: a new technique for quantitative, multiparameter measurement of global haemostasis

Rüya Meltem Sarıyer, Kirandeep Gill, Sarah H. Needs, Daniel Hodge, Nuno M. Reis, Chris I. Jones and Alexander D. Edwards*

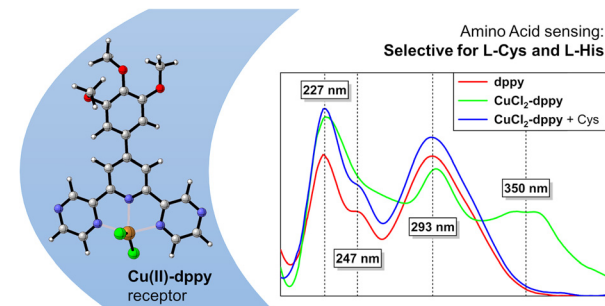
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Integrated sampling-and-sensing using microdialysis and biosensing by particle motion for continuous cortisol monitoring

Laura van Smeden, Arthur M. de Jong and Menno W. J. Prins*

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A simple copper(II) dppy-based receptor for sensing of L-cysteine and L-histidine in aqueous acetonitrile medium

Dipankar Das, Aritra Roy, Sourav Sutradhar, Felipe Fantuzzi* and Biswa Nath Ghosh*

CORRECTION

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Correction: Chemiresistive sensor for breath frequency and ammonia concentration in exhaled gas over a PVA/PANI/CC composite film

Sandeep Kumar, Chandra Shekhar Kushwaha, Pratibha Singh, Kritika Kanojia and Saroj Kr Shukla*

