

Sensors & Diagnostics

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See Taihong Liu, Molin Qin, Zhiyan Huang *et al.*, pp. 1651–1658.
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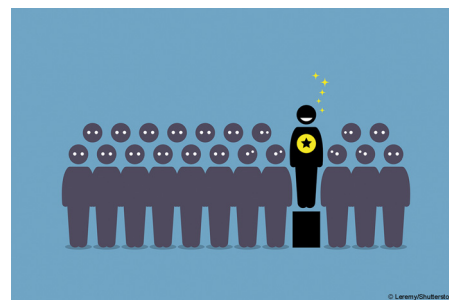
Inside cover

See Sadagopan Krishnan *et al.*, pp. 1659–1671.
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EDITORIAL

1589

Outstanding Reviewers for *Sensors & Diagnostics* in 2023

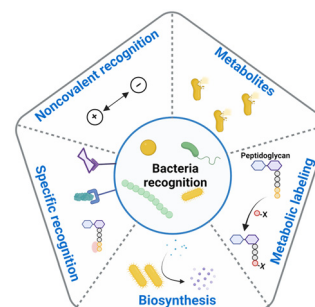


CRITICAL REVIEW

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Recent advances in sensor arrays aided by machine learning for pathogen identification

Xin Wang, Ting Yang* and Jian-Hua Wang





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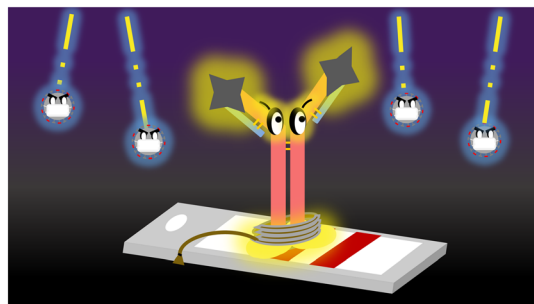


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The importance of antibody orientation for enhancing sensitivity and selectivity in lateral flow immunoassays

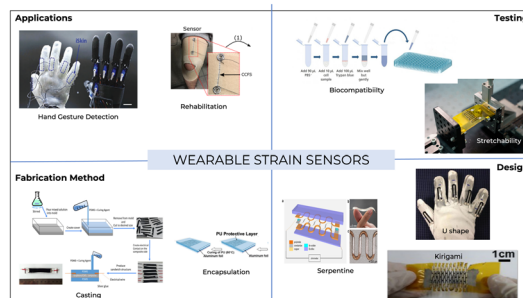
Zhao-Yu Lu and Yang-Hsiang Chan*



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Wearable strain sensors: design shapes, fabrication, encapsulation and performance evaluation methods

Nur Nazihah Abu Hassan Zahri, Anis Nurashikin Nordin,*
Norsinnira Zainul Azlan, Ibrahim Hafizu Hassan,
Lun Hao Tung, Lai Ming Lim and Zambri Samsudin

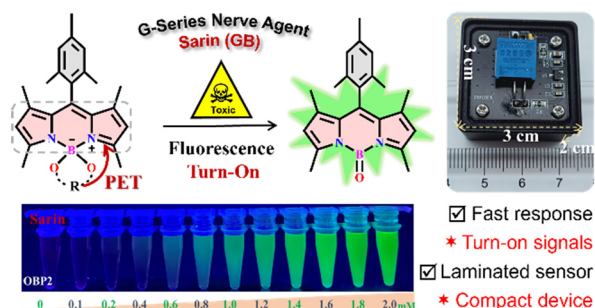


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Compact device prototype for turn-on fluorescence detection of sarin based on reactive 4,4-diaryloxy-BODIPY derivatives

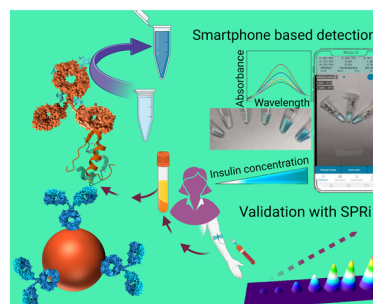
Lu Liu, Sheng Li, Wendan Luo, Jiashuang Yao,
Taihong Liu,* Molin Qin,* Zhiyan Huang,* Liping Ding
and Yu Fang



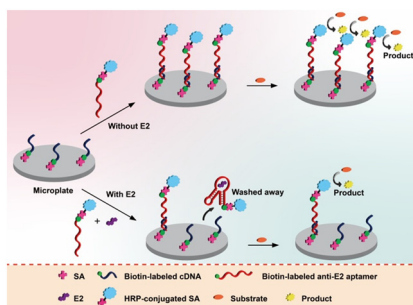
1659

Colorimetric nano-biosensor for low-resource settings: insulin as a model biomarker

Zia ul Quasim Syed, Sathya Samaraweera, Zhuo Wang
and Sadagopan Krishnan*



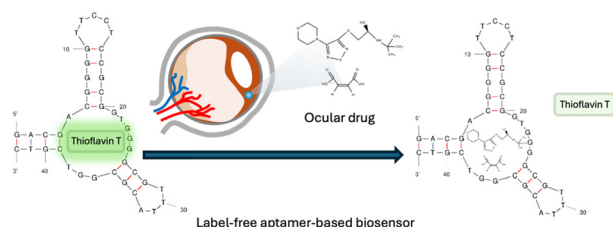
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Competitive horseradish peroxidase-linked aptamer assay for sensitive detection of 17 β -estradiol with a new aptamer

Qiuyi Cheng and Qiang Zhao*

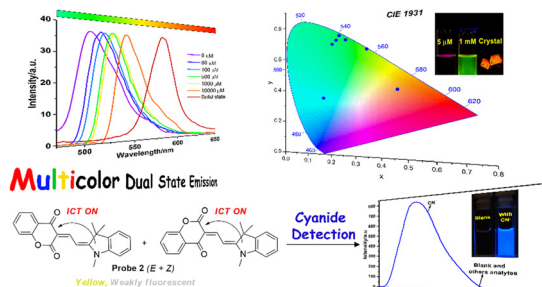
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Selection of DNA aptamers for sensing drugs treating eye disease: atropine and timolol maleate

Ka-Ying Wong, Yibo Liu, Chau-Minh Phan, Lyndon Jones, Man-Sau Wong and Juewen Liu*

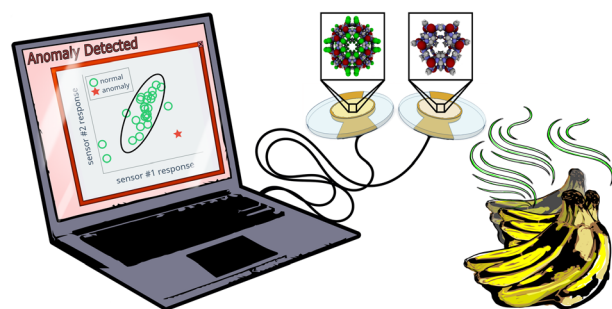
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A dual state emission luminogen based on the 1,3,3-trimethylindoline and chroman-2,4-dione conjugate for highly selective dual channel detection of cyanide ions

Snehadrinarayan Khatua,* Sumit Kumar Patra, Monosh Rabha, Deikrisha Lyngdoh Lyngkholi, Jogat Gogoi and Bhaskar Sen

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Computationally predicting the performance of gas sensor arrays for anomaly detection

Paul Morris* and Cory M. Simon*

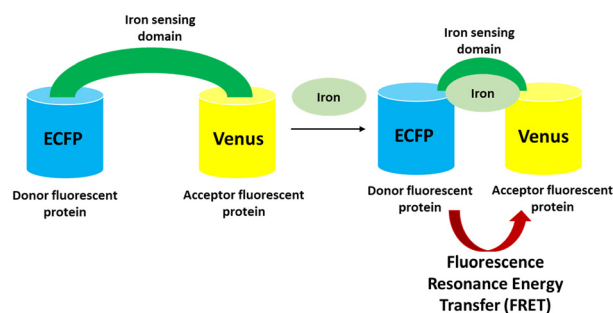


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A genetically encoded probe for monitoring and detection of iron in real-time

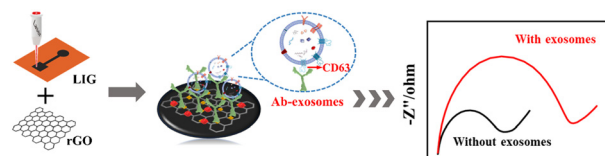
Neha Soleja and Mohd. Mohsin*



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An rGO-doped laser induced graphene electrochemical biosensor for highly sensitive exosome detection

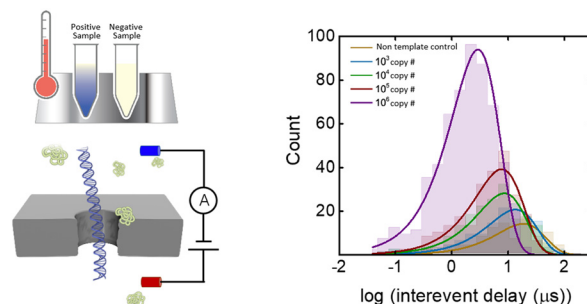
Xiaoshuang Chen, Xiaohui Yan, Jiaoyan Qiu, Xue Zhang, Yunhong Zhang, Hongpeng Zhou, Yujuan Zhao, Lin Han and Yu Zhang*



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Solid-state nanopore counting of amplicons from recombinase polymerase isothermal amplification

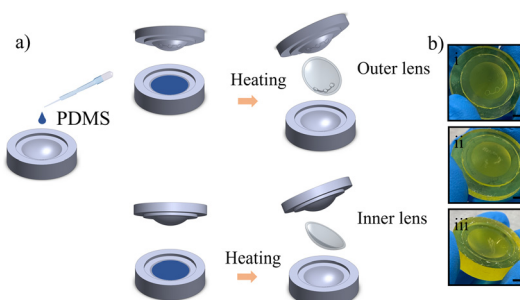
Breeana Elliott, Martin Charron, John Pezacki, Erin McConnell* and Vincent Tabard-Cossa*

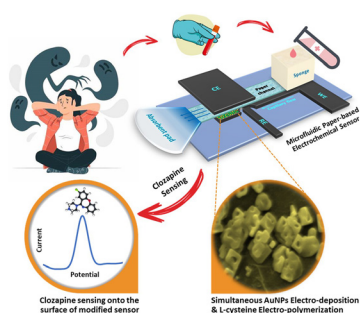


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Paper integrated microfluidic contact lens for colorimetric glucose detection

Pelin Kubra Isgor, Taher Abbasiasl, Ritu Das, Emin Istif, Umut Can Yener and Levent Beker*





Clozapine sensing through paper-based microfluidic sensors directly modified *via* electro-deposition and electro-polymerization

Mohammad Hossein Ghanbari, Markus Biesalski, Oliver Friedrich and Bastian J. M. Etzold*

