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IN THIS ISSUE

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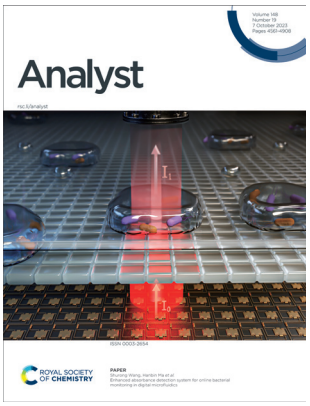

Cover
See Shurong Wang, Hanbin Ma *et al.*, pp. 4659–4667.

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Inside cover
See Robin Steudtner *et al.*, pp. 4668–4676.

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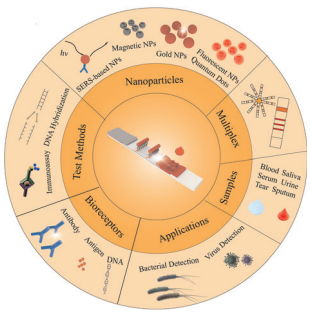
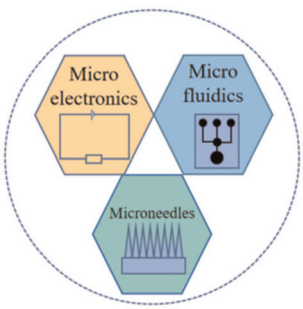
CRITICAL REVIEWS





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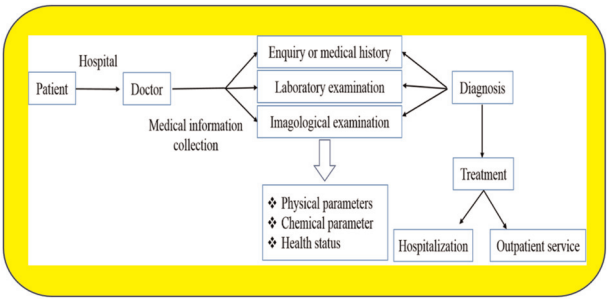
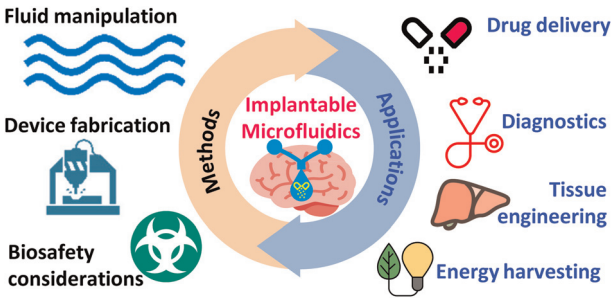


TUTORIAL REVIEW



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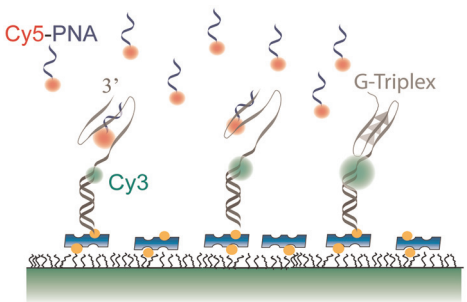

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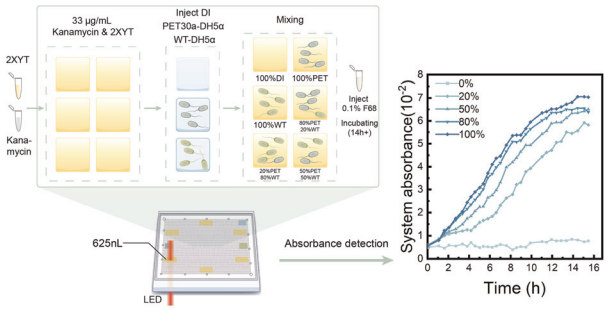

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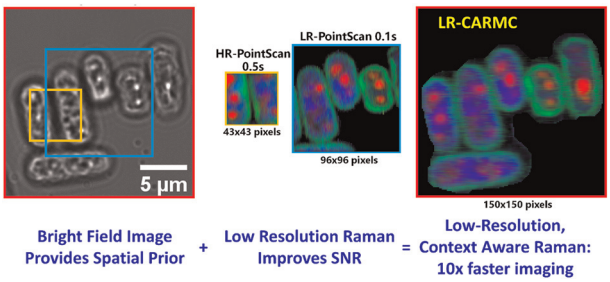

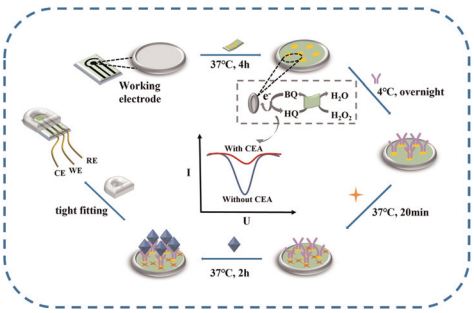

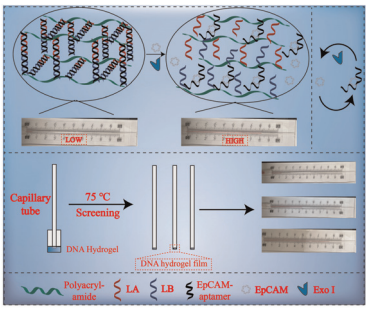

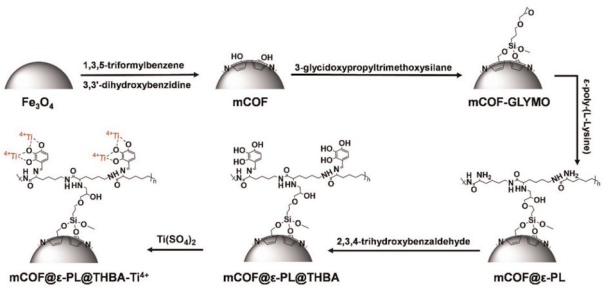

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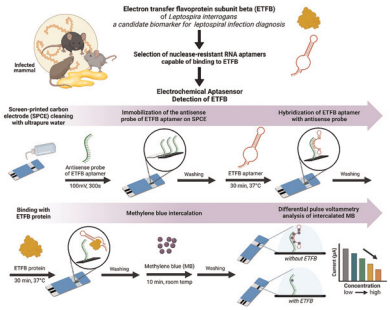

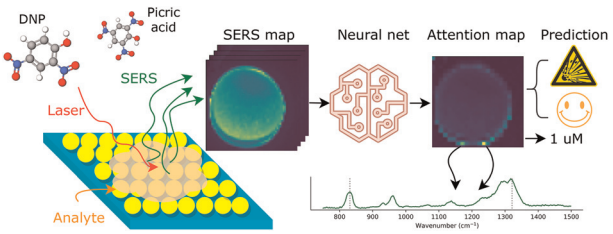

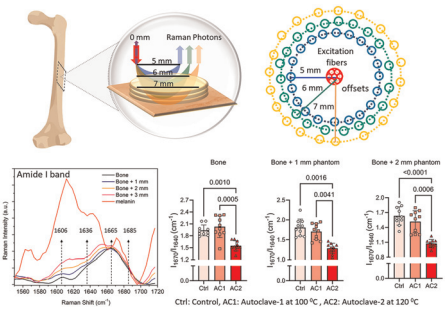

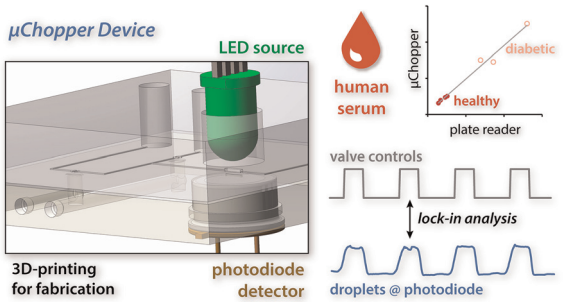

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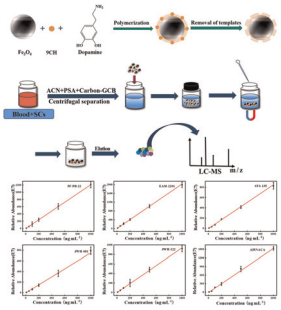

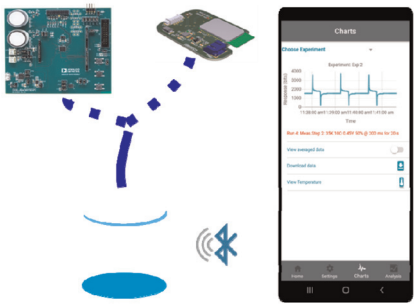

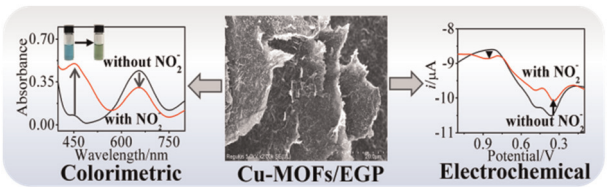

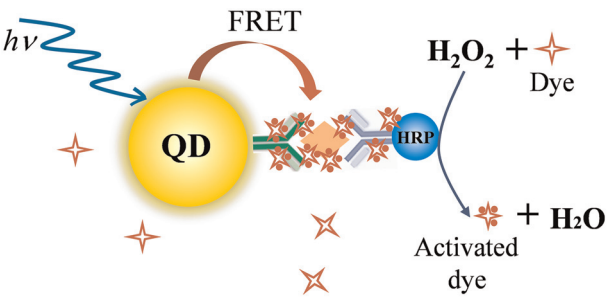

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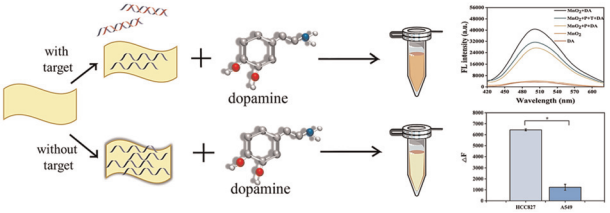
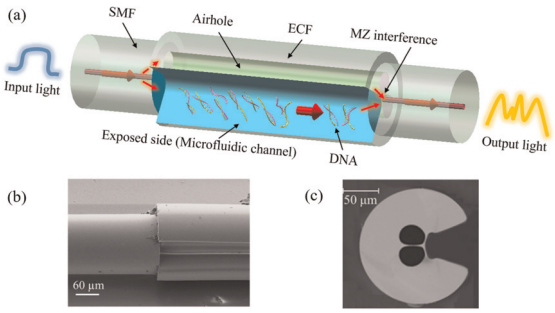


A label-free fluorescent sensor for rapid and sensitive detection of ctDNA based on fluorescent PDA nanoparticles

Xiao Yang, Yang Huang, Siyi Yang, Miao Tang, Juan Liu, Jinhui Shen, Huanbao Fa, Danqun Huo, Changjun Hou* and Mei Yang*



Label-free DNA quantification using isothermal amplification on an exposed core optical fiber microfluidic platform

Xuegang Li, He Zhang, Yanan Zhang, Yong Zhao, Linh Viet Nguyen, Xue Zhou* and Stephen C. Warren-Smith

CORRECTION

Correction: Voltammetric pH sensor based on electrochemically modified pseudo-graphite

Haoyu Zhu, Tanim Hassan, Humayun Kabir, Jeremy May, Kailash Hamal, Ricardo Lopez, Hailey J. Smith, Nolan W. Nicholas, Prasanna Sankaran, David N. McIlroy and I. Francis Cheng*