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Sensors & Diagnostics

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ISSN 2635–0998 CODEN SDEIAR 5(2) 109–262 (2026)

Cover
See Sankarasekaran Shanmugaraju *et al.*, pp. 184–207.
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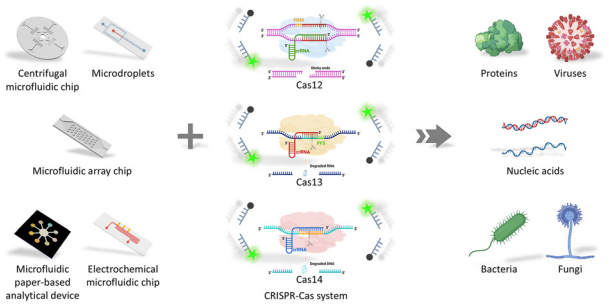
Yanping Wang, Huimin Jiang, Yanyin Zhang, Qingran Yang, Yujun Song* and Yanfeng Gao*



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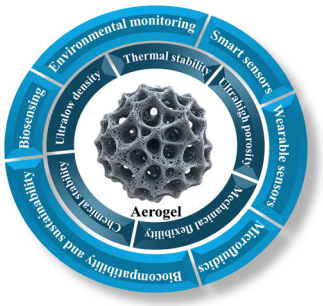

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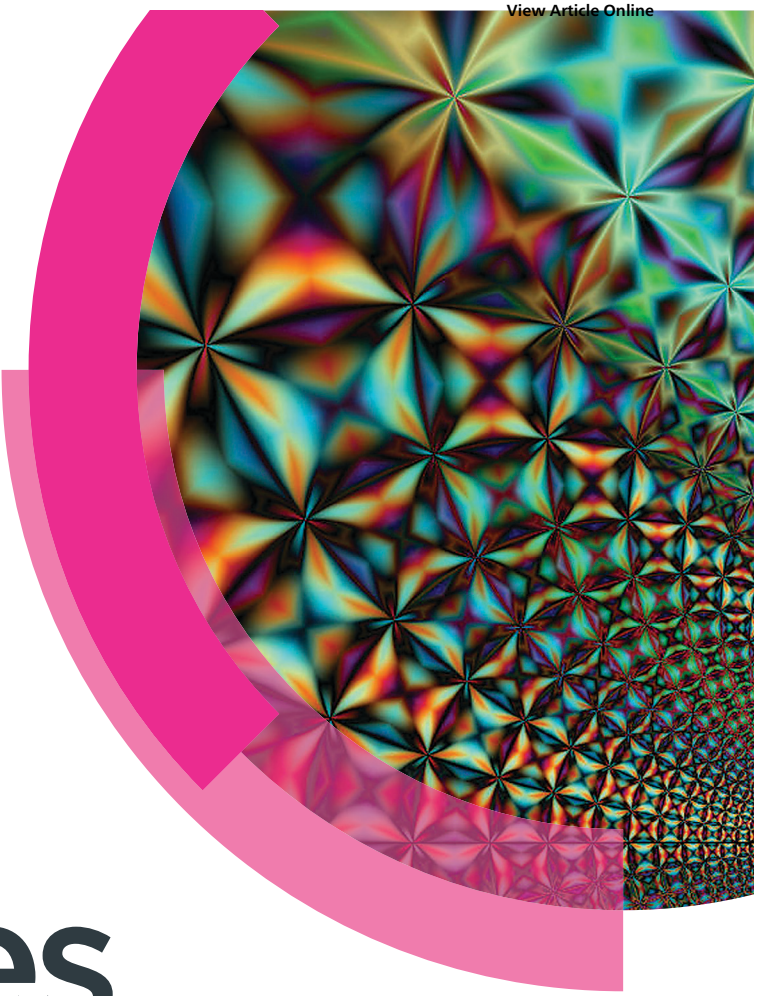

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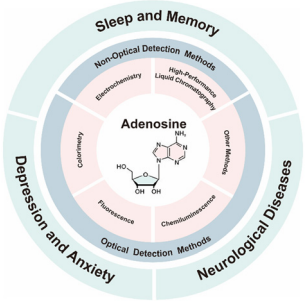
Adenosine detection technologies: recent advances and applications in the central nervous system

Yuqin Liao, Jiayuan Jing, Wenkai Jin, Xiangdong Tian, Tianhuan Peng,* Lei Zhang* and Quan Yuan*



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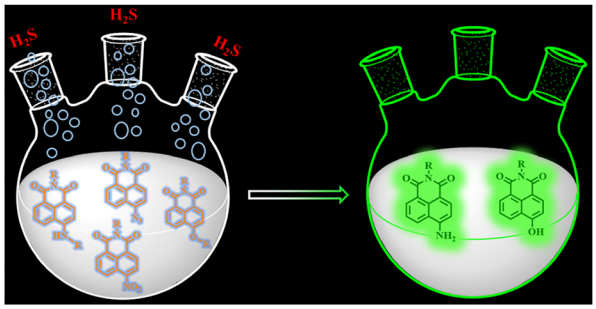

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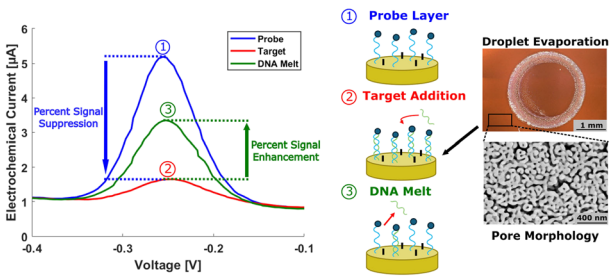

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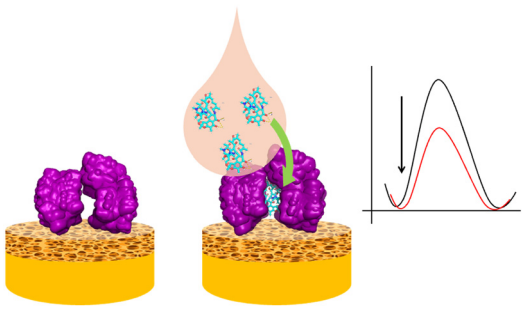
Nanomaterial-enhanced electrochemical biosensors for rifampicin monitoring in serum: towards precision tuberculosis therapy

Rohith Shetty, Sudhaunsh Deshpande, Anu Mary Joy, Ajith Mohan Arjun, Qianming Xu, Alison Holmes and Sanjiv Sharma*



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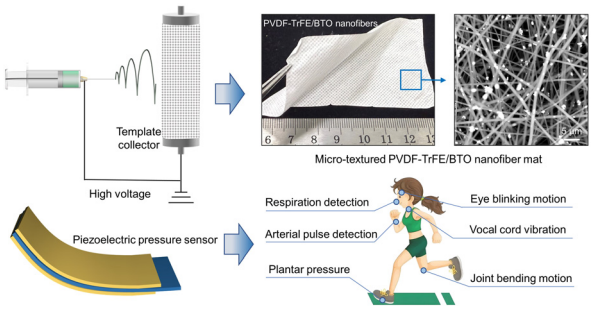

Enhancing wearable piezoelectric sensors *via* micro-textured P(VDF–TrFE)/$BaTiO_3$ nanofiber mats for physiological monitoring

Yan Xu, Shiman Yang, Cheng Liu, Haoyu Wu, Kaiping Huang, Wenhui Xu, Jiahe Wang* and Yichun Ding*

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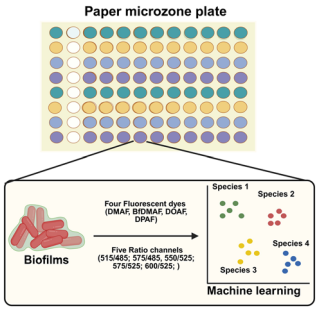

Species-specific discrimination of bacterial biofilms using a ratiometric fluorescence sensor array and machine learning

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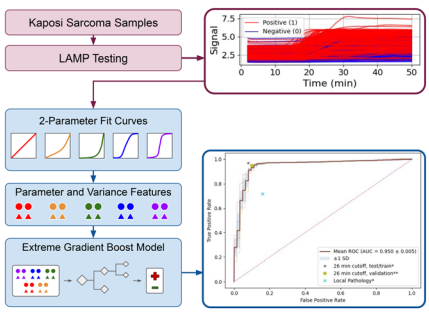

Artificial intelligence-powered signal analysis of loop-mediated isothermal amplification (LAMP) for the screening of Kaposi sarcoma at the point of care

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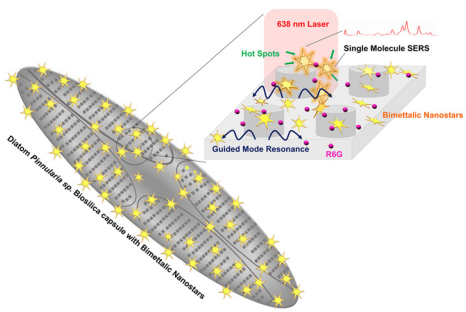

Reproducible single-molecule optofluidic-SERS analysis on nanostar-activated diatom biosilica capsules

Subhavna Juneja, Sudipta Biswas, Kang Rong and Alan X. Wang*

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