Sensors & Diagnostics

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See Jingjing Zhang et al., pp. 632-639. Image reproduced by permission of Jingjing Zhang from Sens. Diagn., 2023, 2,

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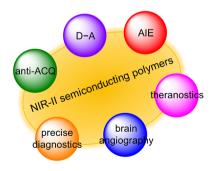
Electrochemiluminescence devices for point-ofcare testing

Xudong Ying, Lin Zhou, Wenxuan Fu, Yafeng Wang and Bin Su*



NIR-II semiconducting polymers for in vivo highresolution imaging and theranostics

Xiaoying Kang, Shuai Yin, Jianwen Song, Yuan Zhang and Ji Qi*



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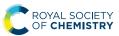
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Surface acoustic wave based microfluidic devices for biological applications

Xianglian Liu, Xuan Chen, Ziwei Yang, He Xia, Chuanyu Zhang and Xueyong Wei*

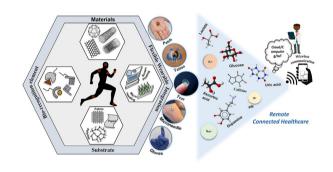


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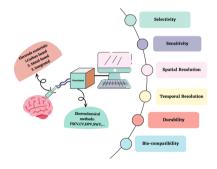
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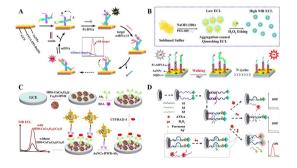
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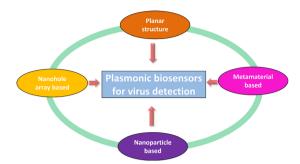
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Jingjing Zhang, Jingfeng Zhu and Jie Chao*



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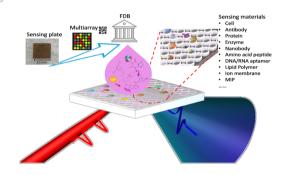


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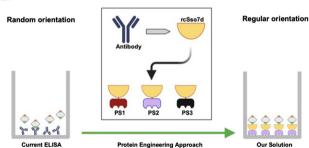


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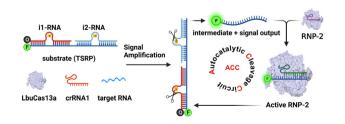


Engineering thermostable affinity proteins for use in high-throughput immunoassay formats

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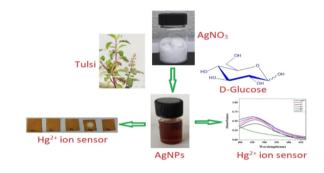
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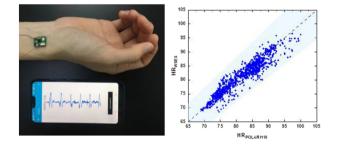
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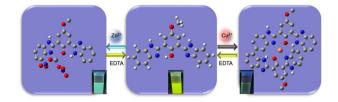
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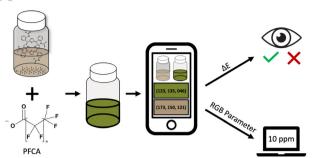
A benzimidazole-derived fluorescent chemosensor for Cu(II)-selective turn-off and Zn(II)-selective ratiometric turn-on detection in aqueous solutions

Wan-Yu Zhu, Kai Liu* and Xuan Zhang*



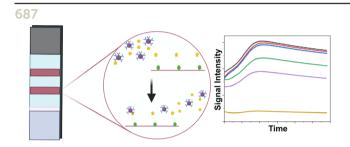
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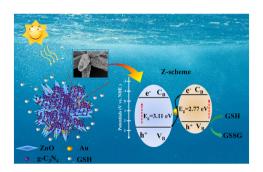
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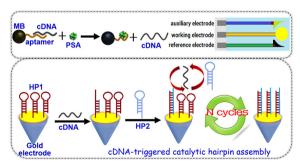
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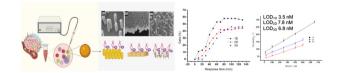
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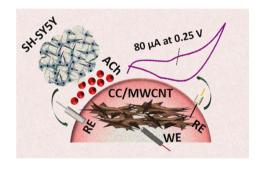
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Moving microcapillary antibiotic susceptibility testing (mcAST) towards the clinic: unravelling kinetics of detection of uropathogenic E. coli, massmanufacturing and usability for detection of urinary tract infections in human urine

Sarah H. Needs,* Jeremy Pivetal, Jessica Hayward, Stephen P. Kidd, HoYin Lam, Tai Diep, Kiran Gill, Martin Woodward, Nuno M. Reis* and Alexander D. Edwards*

