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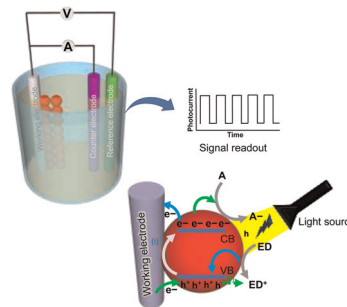
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Semiconductor quantum dots in photoelectrochemical sensors from fabrication to biosensing applications

Anjum Qureshi,* Tayyaba Shaikh and Javed H. Niazi*

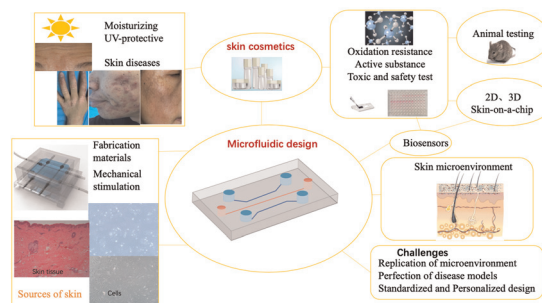


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Nianfang Hu, Kerun Cheng, Shuhan Zhang, Shan Liu, Lijun Wang, Xiaoxin Du, Yong Li* and Chenzhong Li*



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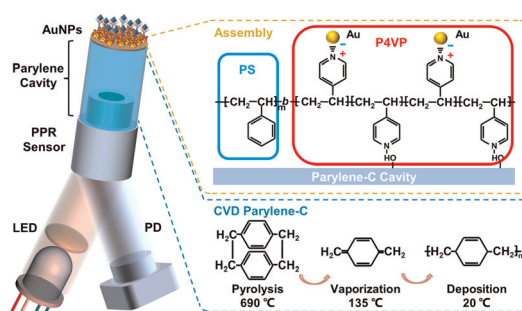
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A parylene-mediated plasmonic–photonic hybrid fiber-optic sensor and its instrumentation for miniaturized and self-referenced biosensing

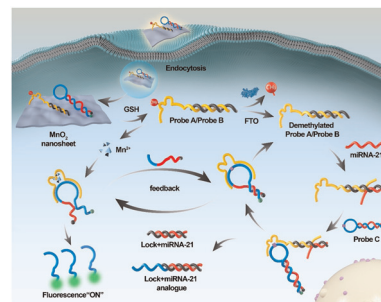
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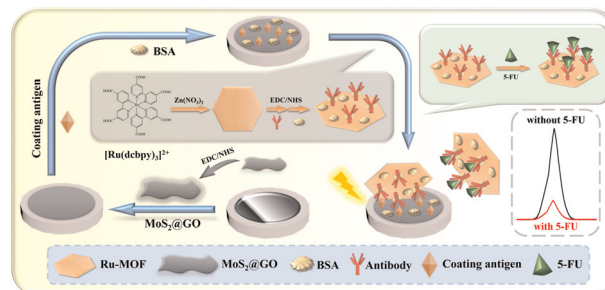
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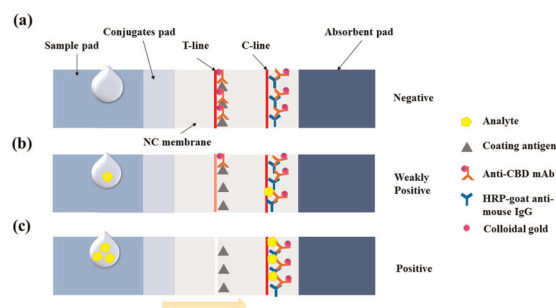
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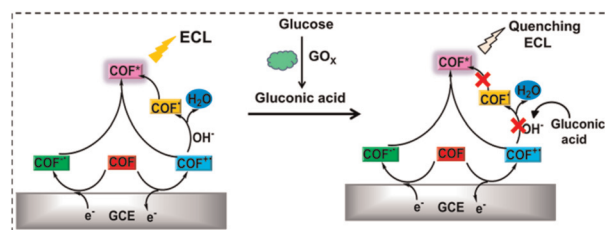


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Development of an exogenous coreactant-free electrochemiluminescent sensor for sensing glucose

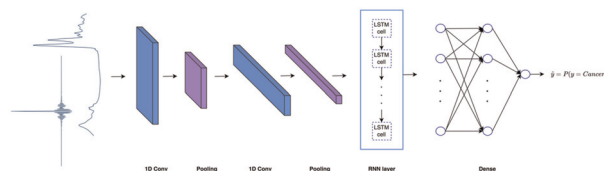
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Recurrent neural networks for time domain modelling of FTIR spectra: application to brain tumour detection

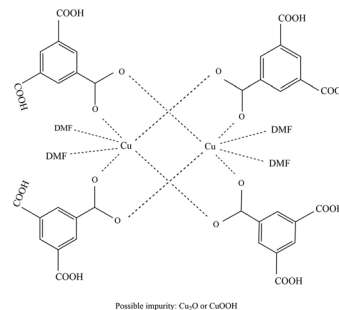
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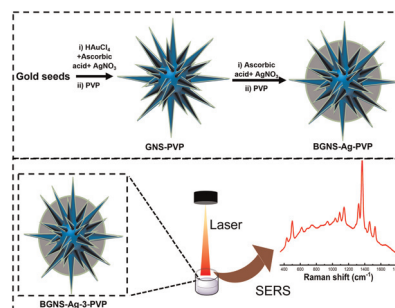
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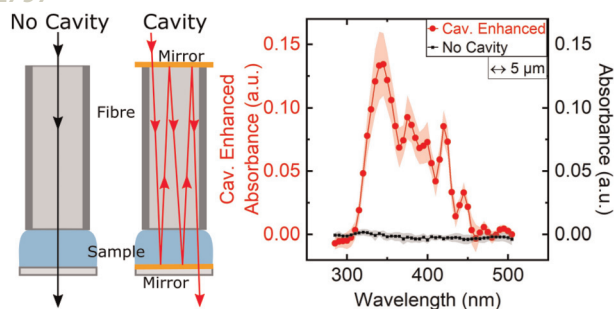
A hybrid plasmonic nanoprobe using polyvinylpyrrolidone-capped bimetallic silver–gold nanostars for highly sensitive and reproducible solution-based SERS sensing

Supriya Atta and Tuan Vo-Dinh*



PAPERS

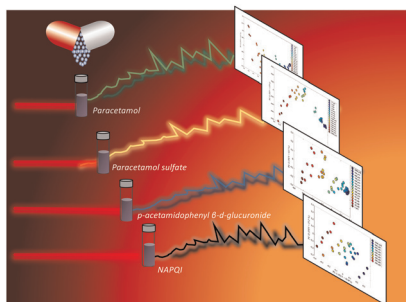
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Imogen M. Fermor-Worth and Catalin Chimerel*

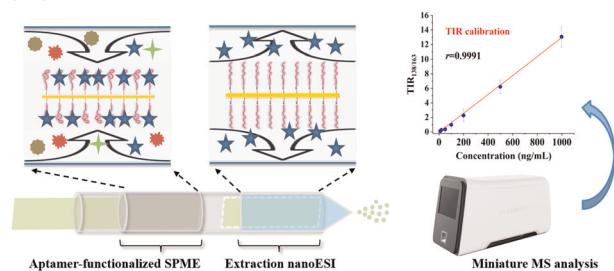
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Rapid detection and quantification of paracetamol and its major metabolites using surface enhanced Raman scattering

Najla AlMasoud, Taghrid S. Alomar, Yun Xu, Cassio Lima and Royston Goodacre*

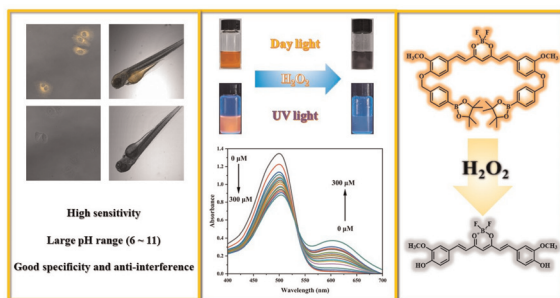
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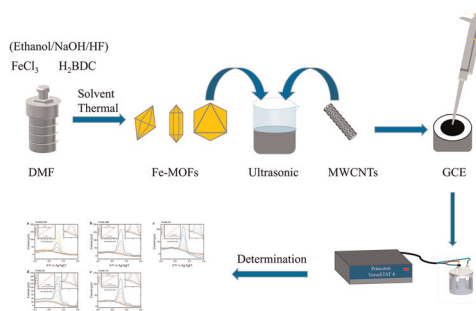
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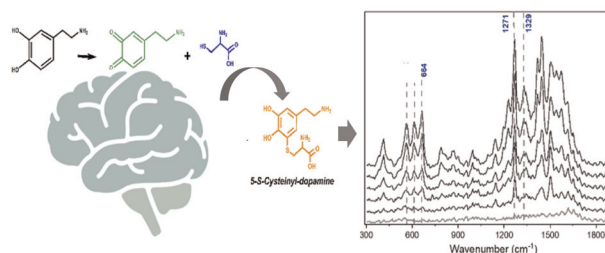
Zhidong Zhao, Yuan He, Xingrui Qi, Nian Li, Zijian He, Yufang Chen and Tao Jin*



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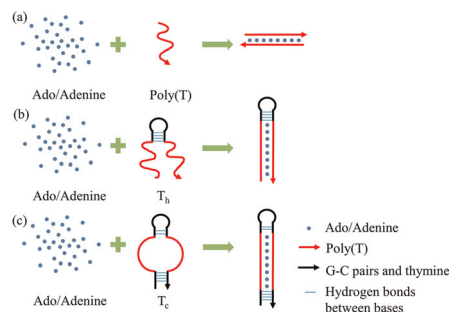
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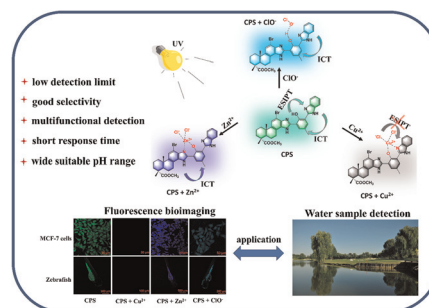
Mingchun Liu, Huaiqing Chen, Yuhan Huang, Jian Liu, Qianfeng Chen, Hua Zuo, Liang Fang* and Chengde Mao*



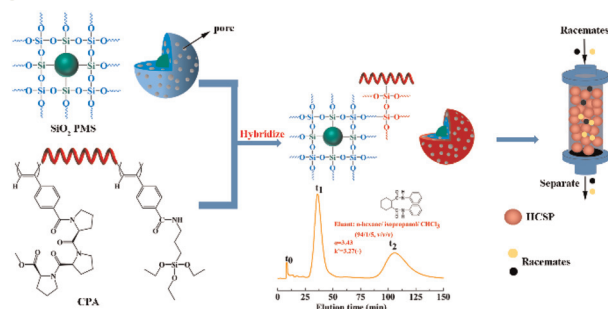
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A novel dehydroabietic acid-based multifunctional fluorescent probe for the detection and bioimaging of Cu²⁺/Zn²⁺/ClO⁻

Lu Sun, Zhonglong Wang, Linlin Chen, Xuebao Sun, Zihui Yang and Wen Gu*



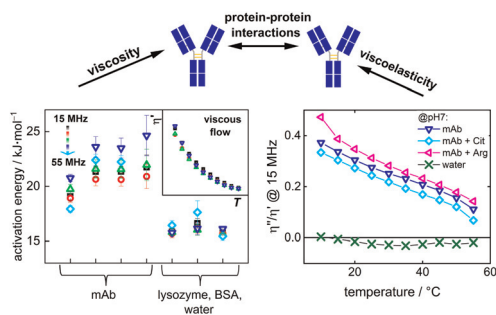
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Hybridization of helical poly(phenylacetylene)s bearing L-proline tripeptide pendants into porous silica microspheres as a solvent-tolerable chiral stationary phase for liquid chromatography

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Protein–protein interactions in solutions of monoclonal antibodies probed by the dependence of the high-frequency viscosity on temperature and concentration

Emily Rott, Christian Leppin,* Tim Diederichs,
Patrick Garidel and Diethelm Johannsmann

