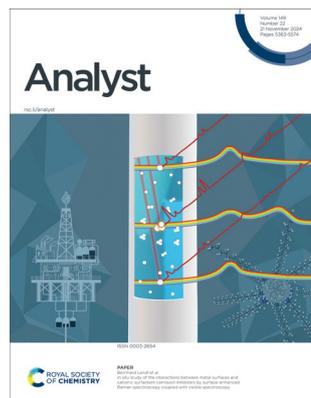


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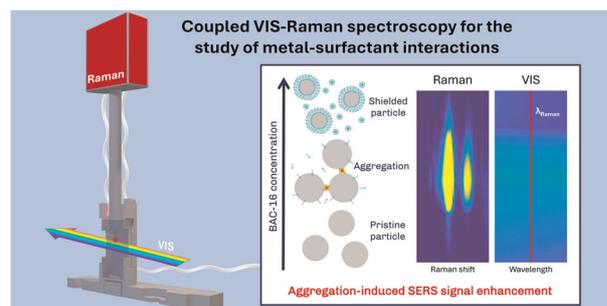
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In situ study of the interactions between metal surfaces and cationic surfactant corrosion inhibitors by surface-enhanced Raman spectroscopy coupled with visible spectroscopy

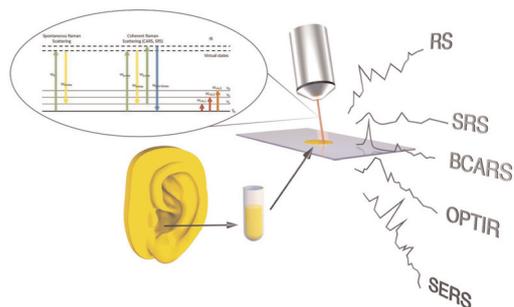
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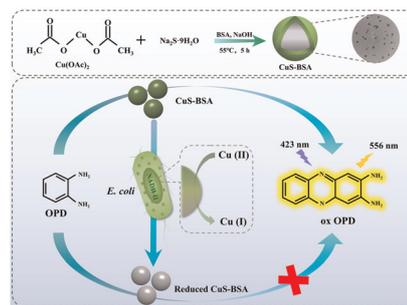
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A nano-biosensing platform based on CuS-BSA for label-free fluorescence detection of *Escherichia coli*

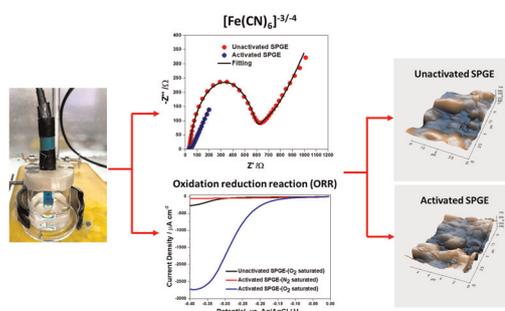
Xiaoqing Zhang, Shanglin Li and Mei Liu*



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Electrochemical and imaging evaluations of electrochemically activated screen-printed gold electrodes

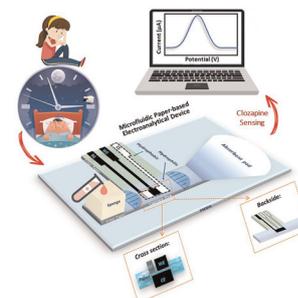
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Screen printed 3D microfluidic paper-based and modifier-free electroanalytical device for clozapine sensing

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

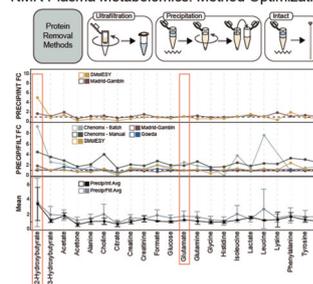


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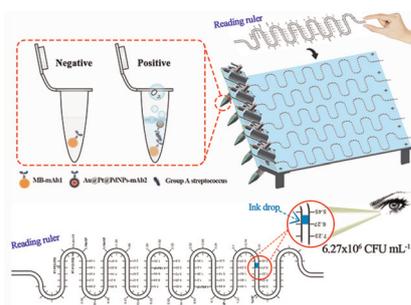
Evaluating protocols for reproducible targeted metabolomics by NMR

Darcy Cochran, Panteleimon G. Takis,* James L. Alexander, Benjamin H. Mullish, Nick Powell, Julian R. Marchesi and Robert Powers*

NMR Plasma Metabolomics: Method Optimization



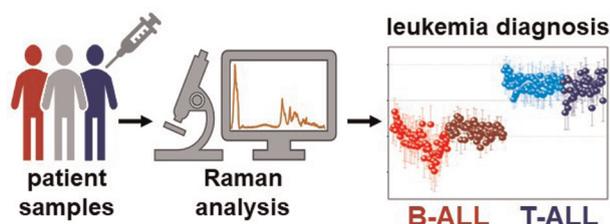
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Nanozyme linked multi-array gas driven sensor for real-time quantitative detection of *Group A streptococcus*

Qi Wang, Pei Liu, Ke Xiao, Wenying Zhou, Jinfeng Li* and Yun Xi*

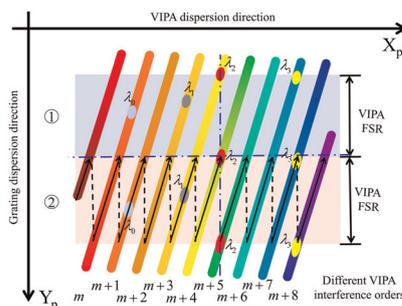
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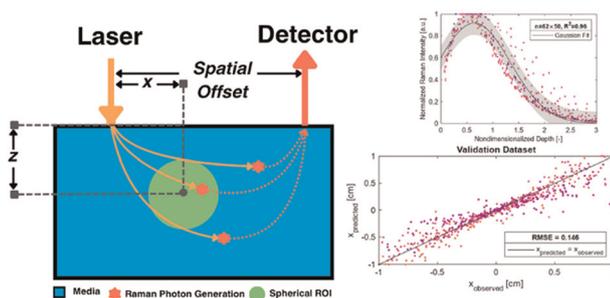
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Material-agnostic characterization of spatially offset Raman spectroscopy in turbid media via Monte Carlo simulations

Zuriel Erikson Joven, Piyush Raj and Ishan Barman*

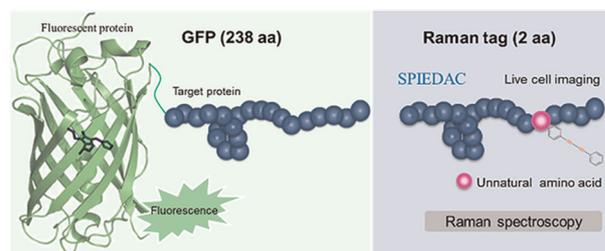


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Imaging specific proteins in living cells with small unnatural amino acid attached Raman reporters

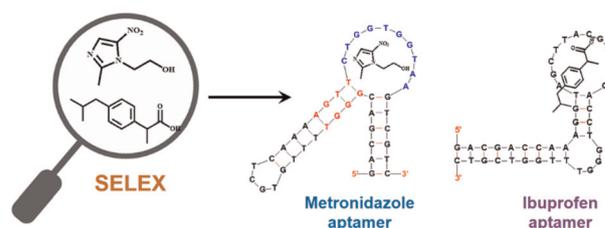
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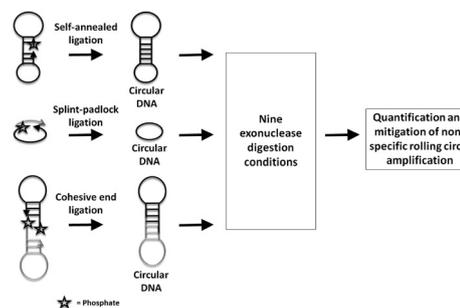
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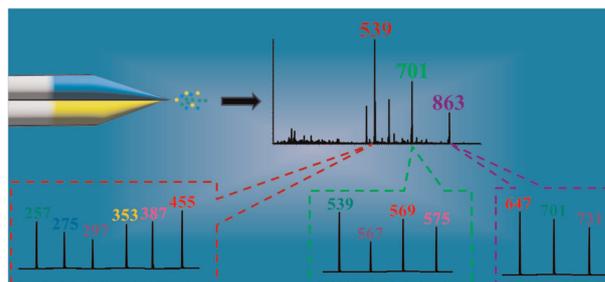
Vandana Kuttappan Nair,* Chandrika Sharma, Shrawan Kumar, Mrityika Sengupta and Souradyuti Ghosh*



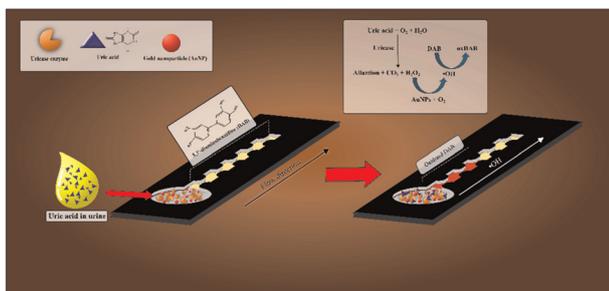
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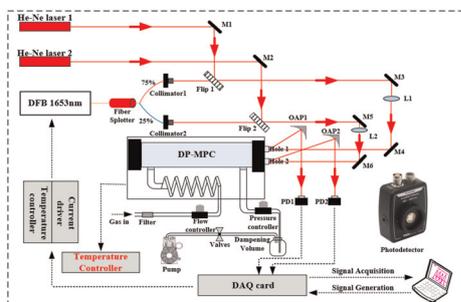
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A gold nanomaterial-integrated distance-based analytical device for uric acid quantification in human urine samples

Tapparath Leelasattarakul, Thithawat Trakoolwilaiwan and Kawin Khachornsakkul*

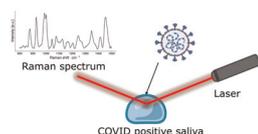
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Acoustic levitation and manipulation of columns of droplets with integrated optical detection for parallelisation of reactions

Ruchi Gupta* and Nicholas J. Goddard

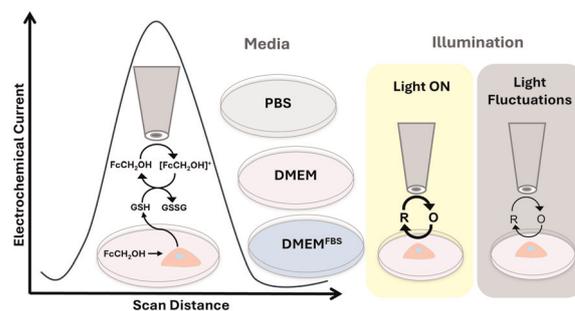


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Nikita Thomas, Mengzhen Lyu, Jadon Khouv, Dhésmon Lima and Sabine Kuss*



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Designing a novel paper-based microfluidic disc for rapid and simultaneous determination of multiple nutrient salts in water

Zhentao Sun, Youquan Zhao,* Yameng Liu, Chen Chen and Hao Chen

