### **Analytical Methods**

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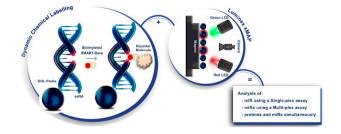
Marcus Vinicius da Silva Ferreira, Jose Lucena Barbosa Jr,\* Mohammed Kamruzzaman and Douglas Fernandes Barbin



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A comprehensive review of Dynamic Chemical Labelling on Luminex xMAP technology: a journey towards Drug-Induced Liver Injury testing

Antonio Marín-Romero and Salvatore Pernagallo\*



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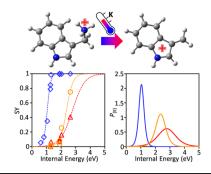
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Differences in the internal energies of ions in electrospray ionization mass spectrometers equipped with capillary-skimmer and capillary-RF lens interfaces

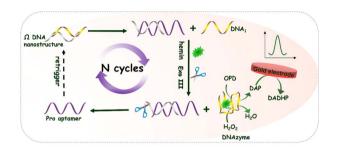
Daiki Asakawa,\* Ryoma Yamamoto, Nobuyasu Hanari and Kazumi Saikusa



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A homogeneous label-free electrochemical aptasensor based on an omega-like DNA nanostructure for progesterone detection

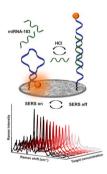
Zaofen Wang, Weiping Shi, Yunzhu Tan and Bingqian Liu\*



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Molecular beacon decorated silver nanowires for quantitative miRNA detection by a SERS approach

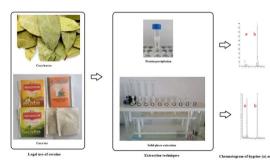
Martina Banchelli,\* Sara Tombelli,\* Marella de Angelis, Cristiano D'Andrea, Cosimo Trono, Francesco Baldini, Ambra Giannetti and Paolo Matteini



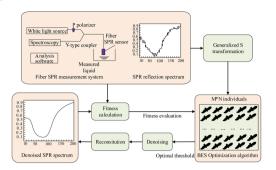
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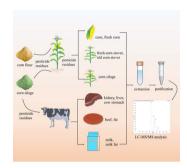
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# The application of generalized S-transform in the denoising of surface plasmon resonance (SPR) spectrum

Dai Junfeng and Fu Li-hui\*

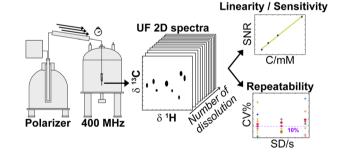
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## Simultaneous determination of 27 pesticides in corn and cow matrices by ultra-performance liquid chromatography-tandem mass spectrometry

Fengjiao Hao, Yuanyuan Luo, Fengshou Dong, Xinglu Pan, Xiaohu Wu, Yongquan Zheng and Jun Xu\*

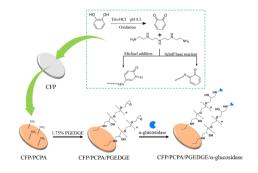
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### Optimization of heteronuclear ultrafast 2D NMR for the study of complex mixtures hyperpolarized by dynamic nuclear polarization

Clément Praud, Victor Ribay, Arnab Dey, Benoît Charrier, Joris Mandral, Jonathan Farjon, Jean-Nicolas Dumez and Patrick Giraudeau\*

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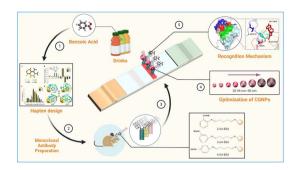
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Guang-Zhen Wan, Chun-Lin Zhang\* and Juan Chen\*

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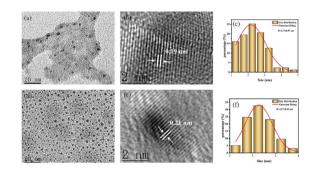
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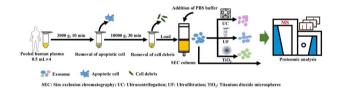
Ting Ma, Mingzhu Liu, Jingran Sun, Jin Wu, Zunquan Zhao, Jialei Bai, Yanjun Fang\* and Xiaoyong Jin\*



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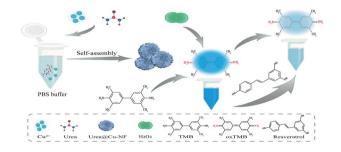
H. H. Bai, X. F. Wang, B. Y. Zhang and W. Liu\*



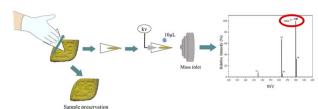
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Wanxin Li, Jiaxin Sun, Yao Xin, Yu Han, Yanyang Sun, Aijun Li\* and Zhi Wang\*



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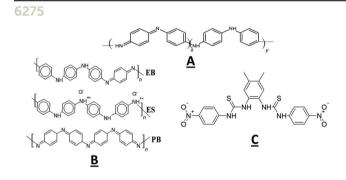
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Mariana C. C. Diniz, Fabiana de Moura, Yuri Machado,\* José Coelho Neto and Evandro Piccin\*

# AuNPr Test Solution Test Test Solution Test Test Solution Test T

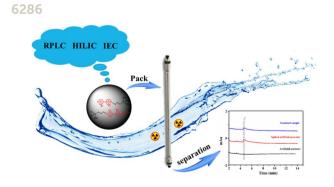
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Faisal K. Algethami,\* Basant H. Koraim, Ehab A. Abdelrahman, Yasmeen G. Abou El-Reash, Mahmoud S. Rizk and Fatehy M. Abdel-Haleem\*



A C4-modified bipyridinium multi-mode stationary phase for reversed phase, hydrophilic interaction and ion exchange chromatography

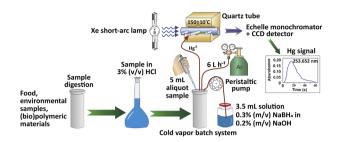
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Lucia Chirita, Eniko Covaci, Michaela Ponta and Tiberiu Frentiu\*



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Alan Wong

