

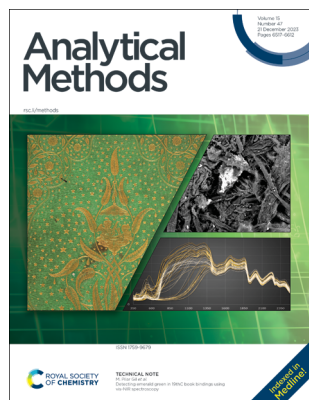
# Analytical Methods

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ISSN 1759-9679 CODEN AMNECT 15(47) 6517–6612 (2023)



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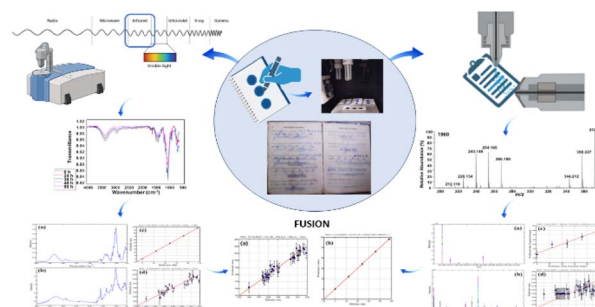
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## PAPERS

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### A rapid and direct method for dating blue pen ink in documents using multiset modeling of infrared spectroscopy and mass spectrometry data

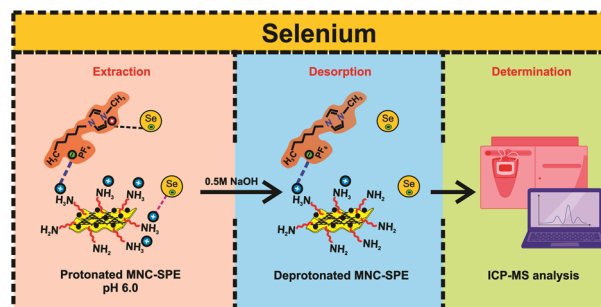
Kauanny B. N. Braga, Lanaia Í. L. Maciel, Boniek G. Vaz, Licarion Pinto and Jandyson M. Santos\*



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Analytical Methods (electronic: ISSN 1759-9679) is published 48 times a year by the Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, UK CB4 0WF.

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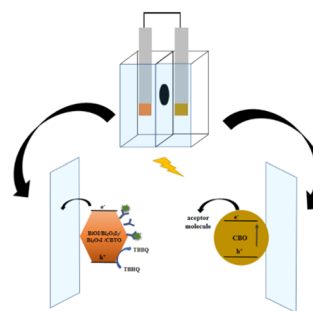


## PAPERS

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### Membraneless, self-powered immunosensing of a cardiac biomarker by exploiting a PEC platform based on $\text{CaBi}_2\text{Ta}_2\text{O}_9$ combined with bismuth oxyiodides

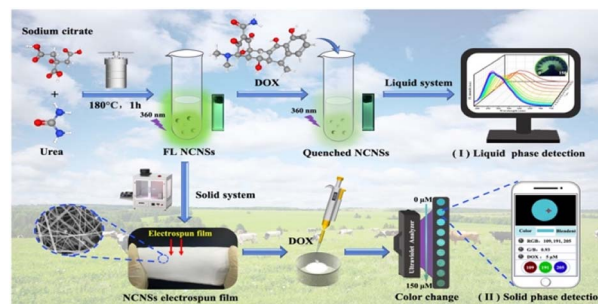
Greicy Kelly Cerqueira Caldas, Guilherme de Abreu Souza, Alan Silva de Menezes, Silma Regina Ferreira Pereira, Rita de Cássia Silva Luz\* and Flavio Santos Damos\*



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### A dual-mode green emissive fluorescent probe for real-time detection of doxycycline in milk using a smartphone sensing platform

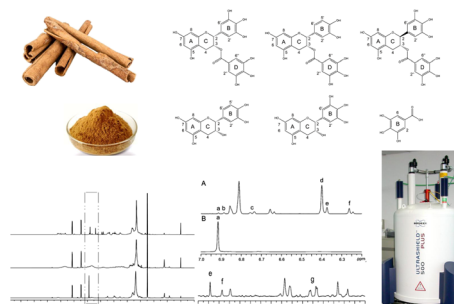
Ruiqing Sun, Ping Liu, Yingjia Dong, Qingli Yang\* and Yongchao Ma\*



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### Determination of total phenol and six polyphenolic components in the polyphenol extract of *Cinnamomi cortex* by quantitative nuclear magnetic resonance spectroscopy

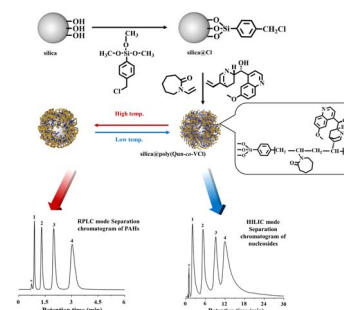
Dan-Yang Shi, Yu Zheng, Qiang-Sheng Guo, Can Gong, Xu Xu\* and Jian-Ping Gao\*



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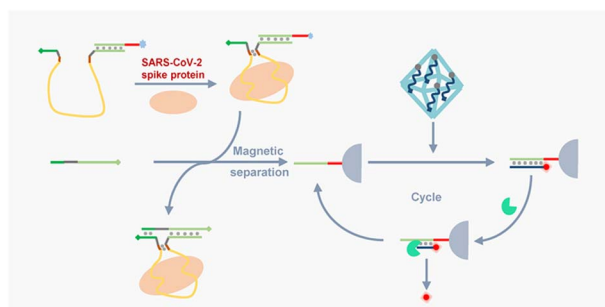
### Preparation and chromatographic evaluation of a mixed polymer brush–silica stationary phase with temperature-sensitive property

Yan Li, Xiaofan Tang, Yinhai Li, Weilong Zhao, Shengwei Guo and Chunmiao Bo\*



## PAPERS

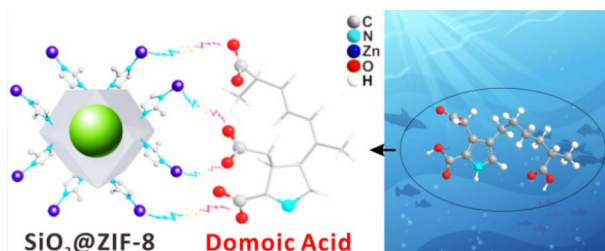
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### Aptamer-based kinetically controlled DNA reactions coupled with metal–organic framework nanoprobe for sensitive detection of SARS-CoV-2 spike protein

Yan Liu, Yuanlin Zhou, Wanting Xu, Jiarong Li, Shuning Wang, Xiaojia Shen, Xiaobin Wen and Li Liu\*

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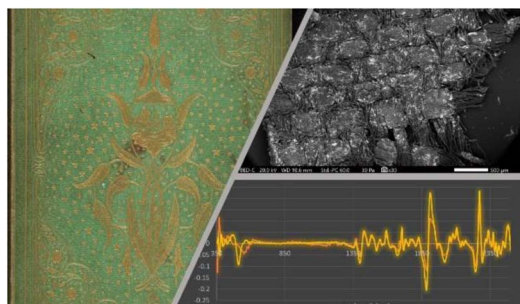


### A solid phase extraction column based on SiO<sub>2</sub>@ZIF-8 for efficient analysis of domoic acid toxins in the seawater environment: experiments and DFT calculations on adsorption behaviour

Jin-Hua Xu, Ya-ping Wu, Shi-Ye Xie, Hui Chen, Qing-Qing Ding, Wen-Min Zhang and Lan Zhang\*

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M. Pilar Gil,\* Elizabeth Henderson, Jessica Burdge, Erica Kotze and William McCarthy

## CORRECTION

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### Correction: Graphene oxide-mediated fluorescence turn-on GO-FAM-FRET aptasensor for detection of sterigmatocystin

Pravin Savata Gade, Rutuja Murlidhar Sonkar and Praveena Bhatt\*

