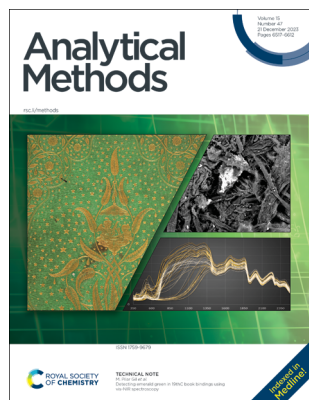


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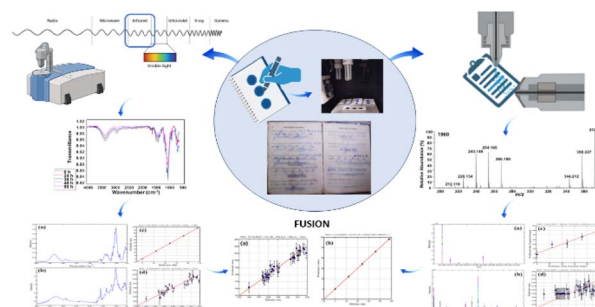
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A rapid and direct method for dating blue pen ink in documents using multiset modeling of infrared spectroscopy and mass spectrometry data

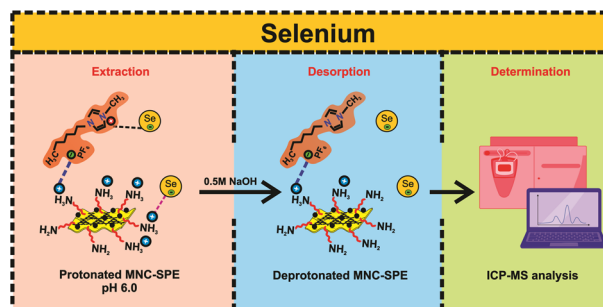
Kauanny B. N. Braga, Lanaia Í. L. Maciel, Boniek G. Vaz, Licarion Pinto and Jandyson M. Santos*



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A phosphonium ionic liquid conjugated magnetic graphitic carbon nitride nanocomposite: an effective sample pretreatment tool for selenium separation and determination

Emmanuel Arputharaj, Shivangi Singh, Raghavendra Rao Pasupuleti, Chun-An Kuo, Wei-Jyun Ya, Yu-Hui Huang, You-Rong Wu, Yu-Ying Chao and Yeou-Lih Huang*



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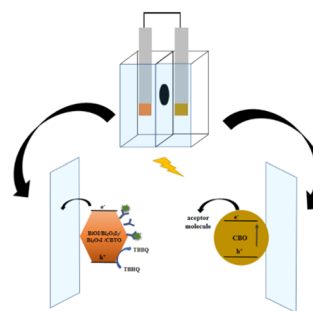
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Membraneless, self-powered immunosensing of a cardiac biomarker by exploiting a PEC platform based on $\text{CaBi}_2\text{Ta}_2\text{O}_9$ combined with bismuth oxyiodides

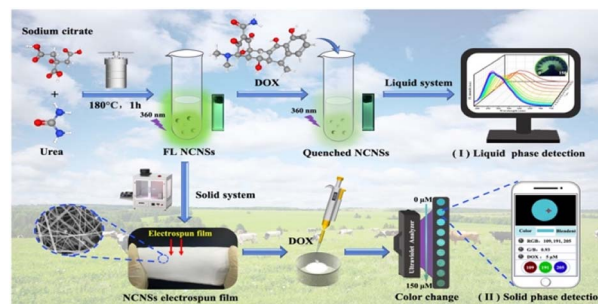
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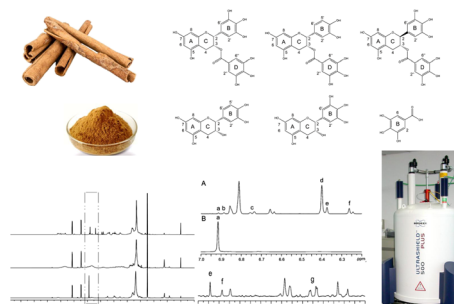
Ruiqing Sun, Ping Liu, Yingjia Dong, Qingli Yang* and Yongchao Ma*



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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

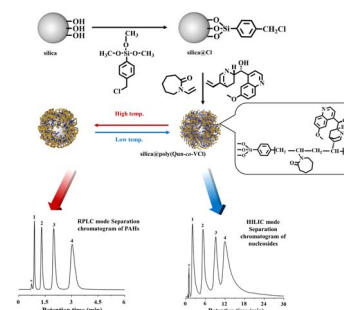
Dan-Yang Shi, Yu Zheng, Qiang-Sheng Guo, Can Gong, Xu Xu* and Jian-Ping Gao*



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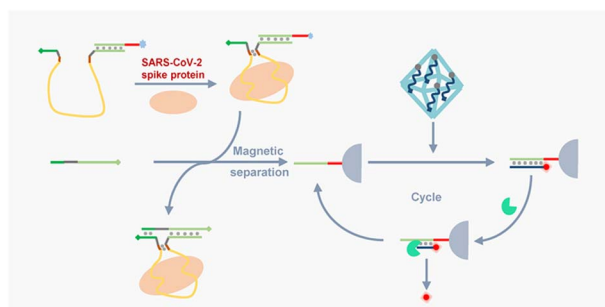
Preparation and chromatographic evaluation of a mixed polymer brush–silica stationary phase with temperature-sensitive property

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



PAPERS

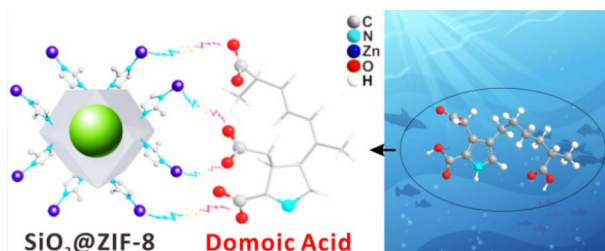
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Aptamer-based kinetically controlled DNA reactions coupled with metal–organic framework nanoprobe for sensitive detection of SARS-CoV-2 spike protein

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

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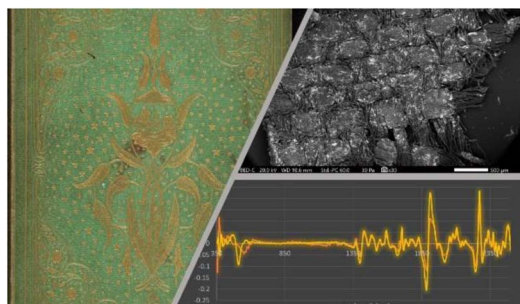


A solid phase extraction column based on SiO₂@ZIF-8 for efficient analysis of domoic acid toxins in the seawater environment: experiments and DFT calculations on adsorption behaviour

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

TECHNICAL NOTE

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Detecting emerald green in 19thC book bindings using vis-NIR spectroscopy

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*

