

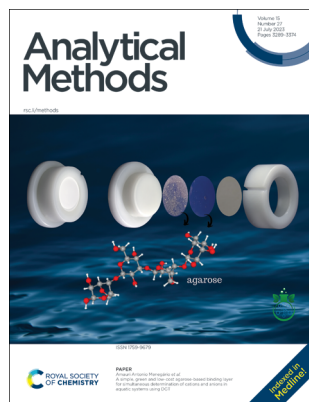
Analytical Methods

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Cover

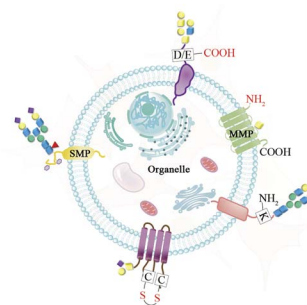
See Amauri Antonio Menegário *et al.*, pp. 3310–3317.
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CRITICAL REVIEW

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Cell surface glycoproteomics: deciphering glycoproteins through a unique analytical capture approach

Shan Huang, Xiaotong Wang, Peng Zhang* and Shuang Yang*

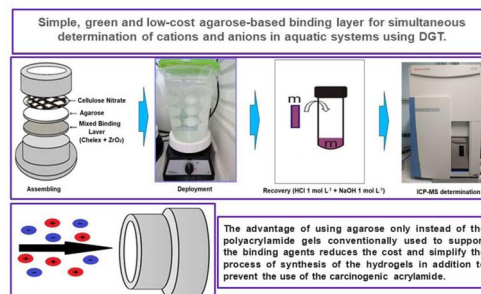


PAPERS

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A simple, green and low-cost agarose-based binding layer for simultaneous determination of cations and anions in aquatic systems using DGT

Carlos Eduardo Eismann, Amauri Antonio Menegário*, Edson Geraldo de Oliveira, Junior, Lucas Pellegrini Elias, José Lucas Martins Viana, Melina Borges Teixeira Zanatta, Laurent Barbiero and Anne Hélène Fostier



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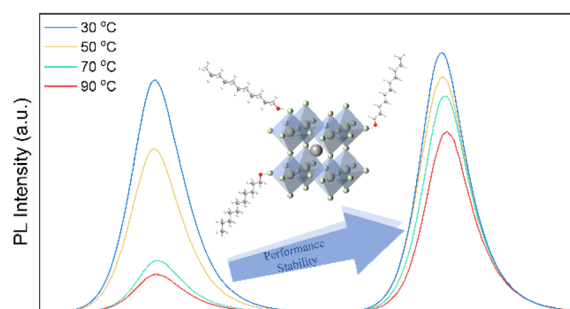


PAPERS

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Stability and spectroscopic analysis of CsPbBr₃ quantum dots modified with 2-*n*-octyl-1-dodecanol

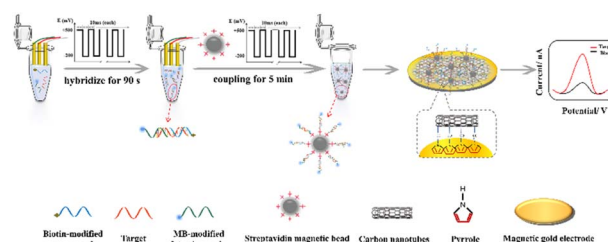
Hongyu Chen, Mingshuo Liu, Jianing Wang, Yunfei Wang, Yajuan Wang and Wenyan Liu*



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A homogeneous hybridization magnetic biosensor based on electric field assistance for ultrafast nucleic acid detection

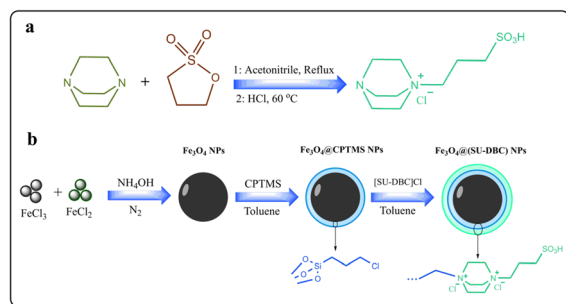
Jinling Cui, Ritong Sun, Xiaoli Zhao, Mingyuan Zhao, Xiaojun Zhang, Yong Li, Lei Wang, Chao Shi and Cuiping Ma*



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Risk assessment of trace metals in sunblock creams using DABCONium-based ionic liquid–functionalized magnetic nanoparticles

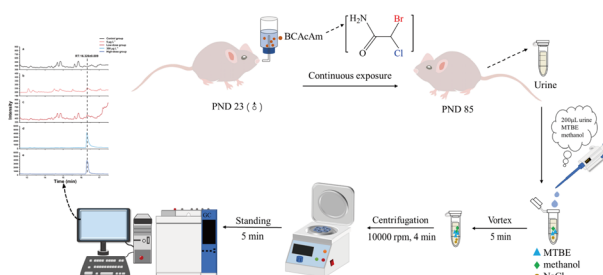
Sahar Hedayatafza, Parviz Aberoomand Azar and Hamed Sahebi*



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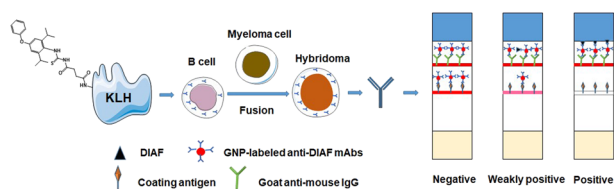
Quantitative determination of bromochloroacetamide in mice urine by gas chromatography combined with salting-out assisted dispersive liquid–liquid microextraction

Yamei Hao, Run Zhou, Shunan Wang, Xingwang Ding, Jingying Zhu, Li Yang, Yao Li* and Xinliang Ding*



PAPERS

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Development of a gold nanoparticle-based lateral flow immunoassay for the fast detection of diafenthion in cabbage and apples

Yunhui Chen, Hongyu Zhang,* Hongliu Ding, Maozhong Sun, Chuanlai Xu and Lingling Guo*

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Rapid detection of multiple antibiotics in chicken samples *via* a fluorescence nanobiosensor coupled with a homemade fluorescence analyzer

Yue Li, Yinan Zhou, Yaping Peng, Yawen He, Yafang Shen, Wen Wang, Xiangjiang Liu, Yuanjie Liu, Jianhan Lin, Yanbin Li and Yingchun Fu*

