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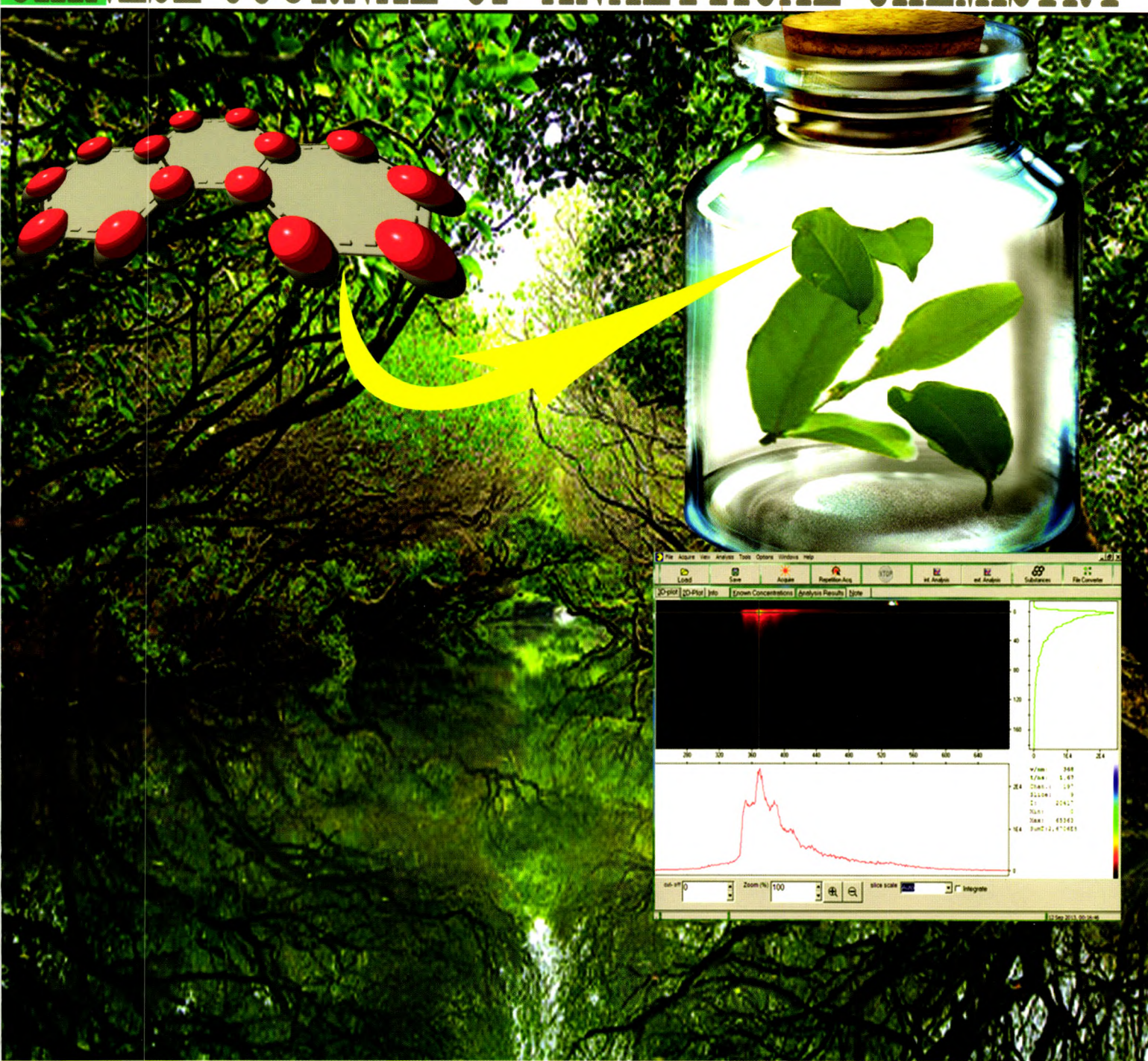

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(本期责任编辑:罗虎璋 编排:潘文革)

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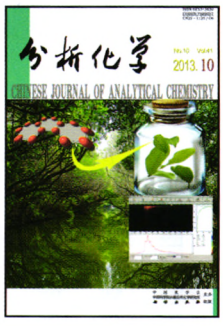
* 联系人

★ 该篇文章的英文电子版由 Elsevier 出版社在 ScienceDirect 上出版(http://www.sciencedirect.com/science/journal/18722040)

Chinese Journal of Analytical Chemistry

Cover



Yang et al developed a novel method for the in situ determination of phenanthrene adsorbed onto the leaf surfaces of three selected mangrove species using a laser-induced nanosecond time-resolved fluorescence (LITRF) system. The LITRF method provided a much lower detection limit than that of previous in situ methods and marked a significant step toward in realizing the field detection of PAHs adsorbed onto the mangrove leaves. See the special section beginning on page 1465.

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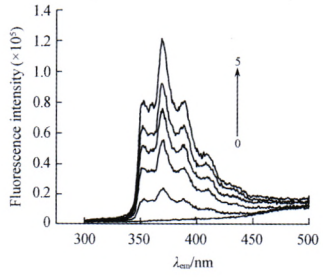

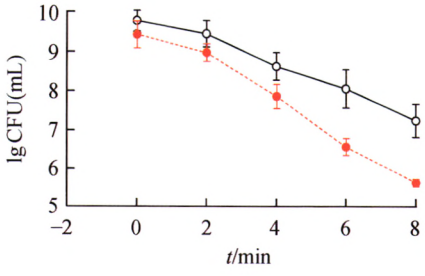

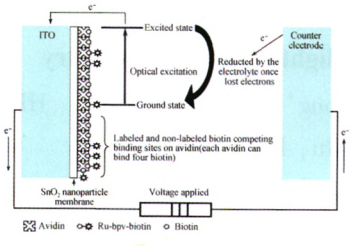

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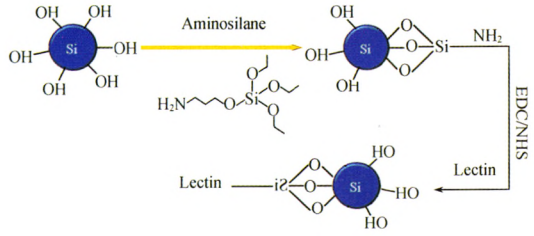

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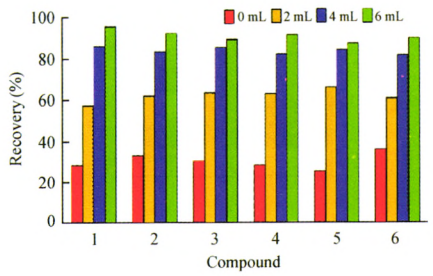

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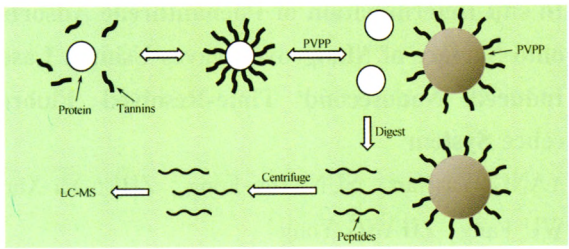

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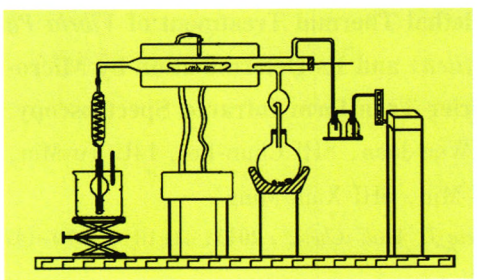

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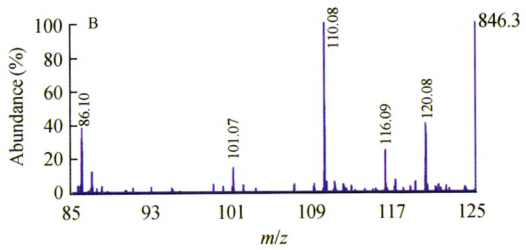

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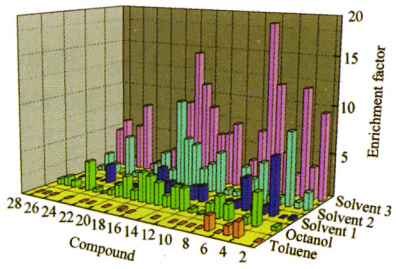

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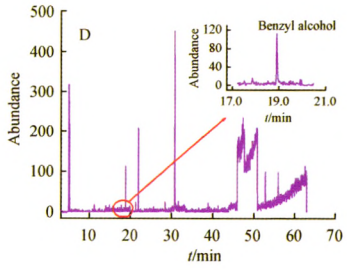

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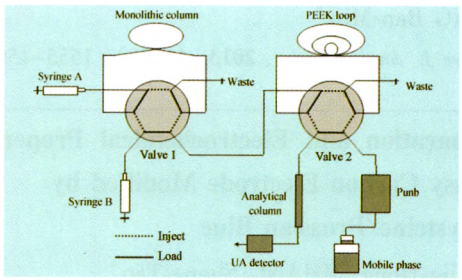

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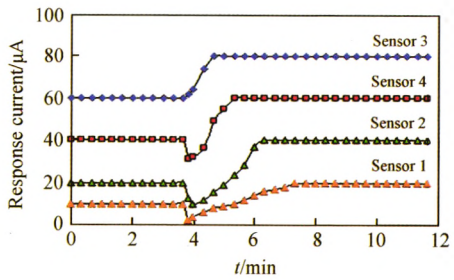

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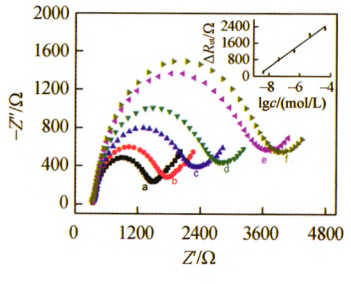

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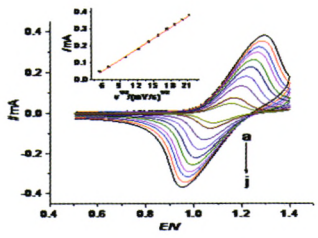

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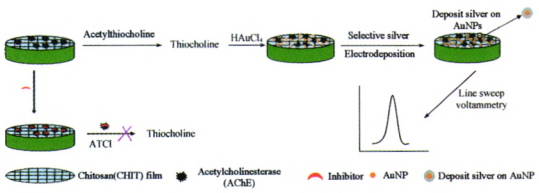

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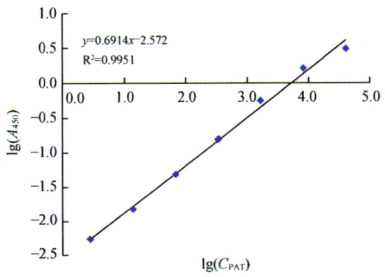

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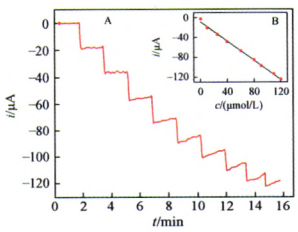

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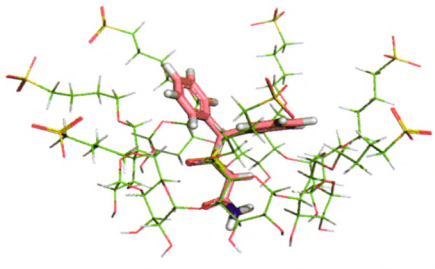

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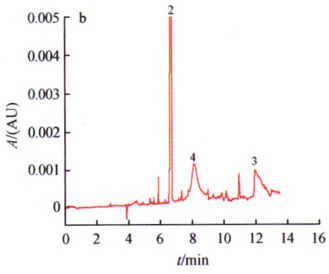
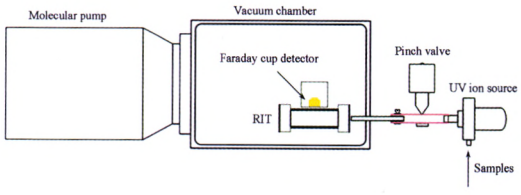
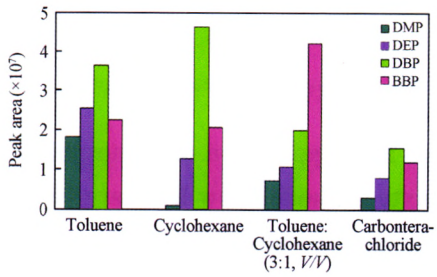
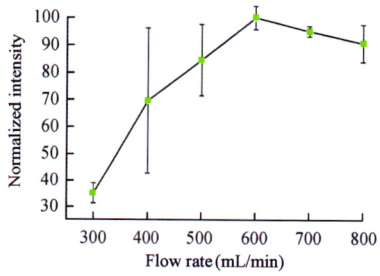
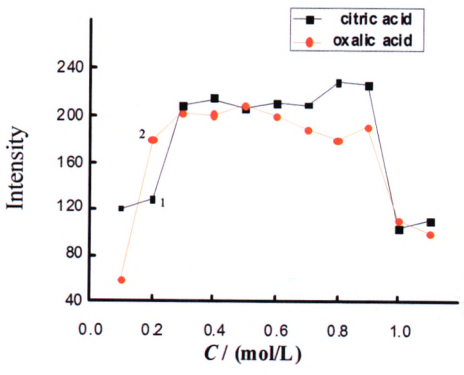


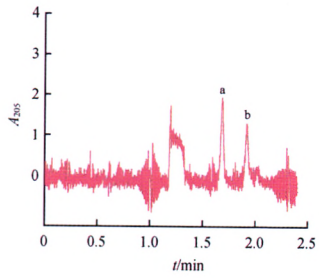




Research Notes



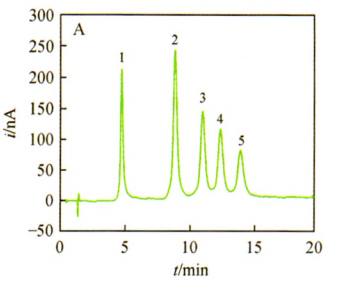




Ion-exchange Chromatography with Electrochemical Detection Using Copper Nanoparticles/Graphene Composite Film Modified Electrode for Determination of Monosaccharide

WANG Feng-Li, WANG Feng-Mei, XI Ling-Ling*, ZHU Zuo-Yi, HUANG Zhong-Ping, ZHU Yan

Chinese J. Anal. Chem., **2013**, 41(10): 1601–1605



Review and Progress

Progress and Application of Atmospheric Electrolyte Cathode Glow Discharge Emission Spectrometric Technique

ZHANG Zhen, WANG Zheng*, ZOU Hui-Jun, SHI Ying

Chinese J. Anal. Chem., **2013**, 41(10): 1606–1613

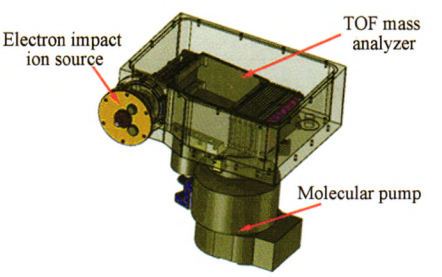
Atmospheric electrolyte cathode glow discharge system as an emerging testing tool has attracted more and more attention in atomic spectrum analysis in recent ten years. Atmospheric electrolyte cathode glow discharge emission spectrometer technique has the advantages such as stability in spectrum measurement, selectiveness in element analysis and convenience and simpleness in sensor measurement. This paper reviewed the principle and characteristic mechanism, the research progress, evolution and the application of AECDES. We summarized the advantages and problems of the technique and predict the application outlook in the end.

Experimental Technique and Instrument

★ **Development of Orthogonal Acceleration Time-of-Flight Mass Spectrometer for Detection of Ions with Wide Energies Distribution**

TAN Guo-Bin, HUANG Zheng-Xu, GAO Wei, ZHOU Zhen*

Chinese J. Anal. Chem., **2013**, 41(10): 1614–1619



Development and Application of High-throughput and Portable Fluorescence Device

LIU Jia-Jia, GUO Xiang-Qun*

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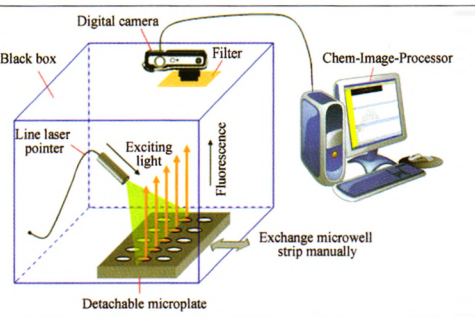

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