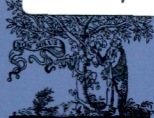


ππ
A 53/3



ELSEVIER

ANALYTICA CHIMICA ACTA

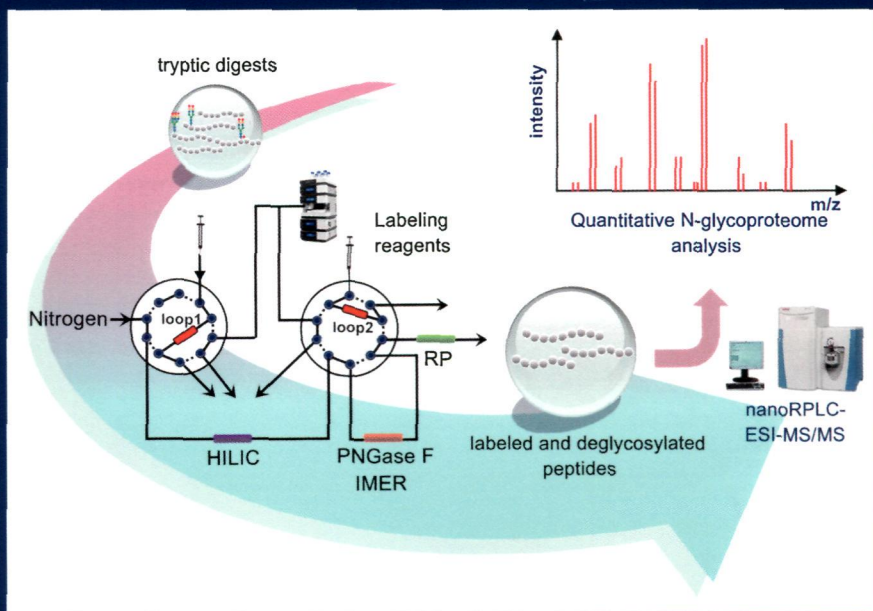
AN INTERNATIONAL JOURNAL DEVOTED TO ALL BRANCHES OF ANALYTICAL CHEMISTRY

EDITORS:

RICHARD P. BALDWIN
NEIL W. BARNETT
WOLFGANG BUCHBERGER
LUTGARDE BUYDENS
PURNENDU K. DASGUPTA
ULRICH J. KRULL
JAMES P. LANDERS
LIANG LI
JANUSZ PAWLISZYN
PAUL J. WORSFOLD

REVIEW EDITOR:

MANUEL MIRÓ



Featured article

An integrated sample pretreatment platform for quantitative N-glycoproteome analysis with combination of on-line glycopeptide enrichment, deglycosylation and dimethyl labeling

Yejing Weng, Yanyan Qu, Hao Jiang, Qi Wu, Lihua Zhang, Huiming Yuan, Yuan Zhou, Xiaodan Zhang and Yukui Zhang

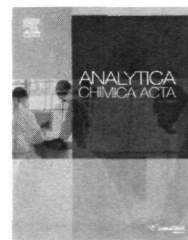
(Published on pp. 1–8 of this issue)



ELSEVIER

available at www.sciencedirect.com

ScienceDirect

journal homepage: www.elsevier.com/locate/aca

CONTENTS

Abstracted/indexed in: Aluminium Abstracts; Anal. Abstr.; Biol. Abstr.; BIOSIS; Chem. Abstr.; Curr. Contents Phys. Chem. Earth Sci.; Engineered Materials Abstracts; Excerpta Medica; Index Med.; Life Sci.; Mass Spectrum. Bull.; Material Business Alerts; Metals Abstracts; Sci. Citation Index Full texts are incorporated in CJESEVIER, a file in the Chemical Journals Online database available on STN International. Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®.

Featured article

- An integrated sample pretreatment platform for quantitative N-glycoproteome analysis with combination of on-line glycopeptide enrichment, deglycosylation and dimethyl labeling
Y. Weng, Y. Qu, H. Jiang, Q. Wu, L. Zhang, H. Yuan, Y. Zhou, X. Zhang and Y. Zhang 1

Electrochemistry

- Ultrasensitive enzyme-free immunoassay for squamous cell carcinoma antigen using carbon supported Pd-Au as electrocatalytic labels
J. Gao, B. Du, X. Zhang, A. Guo, Y. Zhang, D. Wu, H. Ma and Q. Wei 9
- Speciation of chromium using chronoamperometric biosensors based on screen-printed electrodes
A. Calvo-Pérez, O. Domínguez-Renedo, M. Alonso-Lomillo and M. Arcos-Martínez 15
- Electrodeposited nitrogen-doped graphene/carbon nanotubes nanocomposite as enhancer for simultaneous and sensitive voltammetric determination of caffeine and vanillin
L. Jiang, Y. Ding, F. Jiang, L. Li and F. Mo 22

Chemometrics

- Synergistic effect of the simultaneous chemometric analysis of ^1H NMR spectroscopic and stable isotope (SNIF-NMR, ^{18}O , ^{13}C) data: Application to wine analysis
Y.B. Monakhova, R. Godelmann, A. Hermann, T. Kuballa, C. Cannet, H. Schäfer, M. Spraul and D.N. Rutledge 29

Separation Methods

- Universal fluorescent tri-probe ligation equipped with capillary electrophoresis for targeting SMN1 and SMN2 genes in diagnosis of spinal muscular atrophy
C.-C. Wang, C.-J. Shih, Y.-J. Jong and S.-M. Wu 40
- Preparation and chromatographic evaluation of new branch-type diamide-embedded octadecyl stationary phase with enhanced shape selectivity
M. Zhang, J. Chen, A.K. Mallik, H. Qiu, S. Jiang and H. Ihara 48