

Contents

Abstracted in: *Biological Abstracts; Bulletin Signaletique; CABS (Current Awareness in Biological Sciences); Cambridge Scientific Abstracts; Chemical Abstracts; Criminology, Penology and Police Science Abstracts; Current Contents; EMBASE/Excerpta Medica; Medline/Index Medicus; National Criminal Justice Reference Service; Police Science Abstract; Science Citation Index; PubMed; Scopus.*

Review

Analysis of toxic alkaloids in body samples

J. Beyer, O.H. Drummer and H.H. Maurer 1–9

Research Articles

Fluoromethcathinone, a new substance of abuse

R.P. Archer 10–20

Speaker-dependent characteristics of the nasals

K. Amino and T. Arai 21–28

New perspectives in the use of ink evidence in forensic science: Part I. Development of a quality assurance process for forensic ink analysis by HPTLC

C. Neumann and P. Margot 29–37

New perspectives in the use of ink evidence in forensic science. Part II. Development and testing of mathematical algorithms for the automatic comparison of ink samples analysed by HPTLC

C. Neumann and P. Margot 38–50

A fraud management system architecture for next-generation networks

M.A. Bihina Bella, J.H.P. Eloff and M.S. Olivier 51–58

Estimation of the measurement uncertainty of methamphetamine and amphetamine in hair analysis

S. Lee, Y. Park, W. Yang, E. Han, S. Choe, M. Lim and H. Chung 59–66

Comparison of GC–MS and GC–IRD methods for the differentiation of methamphetamine and regioisomeric substances

T. Awad, T. Belal, J. DeRuiter, K. Kramer and C.R. Clark 67–77

Predicting the visitation of carcasses by carrion-related insects under different rates of degree-day accumulation

J.-P. Michaud and G. Moreau 78–83

Determination of nicotine in hair samples of pre-Columbian mummies

F. Musshoff, W. Rosendahl and B. Madea 84–88

Postmortem identification of hyperglycemia

B. Zilg, K. Alkass, S. Berg and H. Druid 89–95

Application of CdSe nanoparticle suspension for developing latent fingermarks on the sticky side of adhesives

Y.F. Wang, R.Q. Yang, Y.J. Wang, Z.X. Shi and J.J. Liu 96–99

Detection of acute fentanyl exposure in fresh and decomposed skeletal tissues

N.M. Lafrenière and J.H. Watterson 100–106

Effects of temperature on the development of the Neotropical carrion beetle *Oxelytrum discicolle* (Brullé, 1840) (Coleoptera: Silphidae)

Y. Velásquez and A.L. Vilorio 107–109

Age estimation based on three-dimensional measurement of mandibular central incisors in Japanese

H. Someda, H. Saka, S. Matsunaga, Y. Ide, K. Nakahara, S. Hirata and M. Hashimoto 110–114

(Contents continued on page I)

