

Advances in drug testing using capillary electrophoresis and native fluorescence

Bolkvadze, Vyacheslav; Saar-Reismaa, Piret; Kaljurand, Mihkel; Vaher, Merike; Gorbatšova, Jelena; Mazina-Šinkar,

Jekaterina V4 Symposium Flow Analysis & Capillary Electrophoresis : abstracts 2021 / p. 64

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Analysis of psychoactive compounds in oral fluid by capillary electrophoresis = Psühhoaktiivsete ühendite analüüs süljes kapillaarelektroforeesi meetodil

Saar-Reismaa, Piret 2020 <https://digikogu.taltech.ee/et/Item/b7a6fb1d-5df0-4250-afd4-8323e65f3b5c> kookuvõte: Uudne narkotester leiab

Eesti enim levinud uimastid veerand tunniga / novaator.err.ee

Application of the capillary electrophoresis technique in real life

Biel, Iwona; Wozniakiewicz, Michal; Mazina-Šinkar, Jekaterina FLOW ANALYSIS XV Krakow, Poland 2022, June 26-July 1 : Book

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Autosampler for portable capillary electrophoresis

Ružicka, Martin; Kaljurand, Mihkel; Gorbatšova, Jelena; Mazina-Šinkar, Jekaterina Journal of chromatography A 2022 / art.

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Cannabinoids (Δ^9 -THC and CBD) quantitative analysis by in-situ portable drug analyzer Drug Hunter

Gorbatšova, J; Bolkvadze, V; Vaher, Merike; Halling, Evelin; Mazina-Šinkar, Jekaterina Flow Analysis XV, Krakow, Poland,

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Capillary electrophoresis as a monitoring tool for flow composition determination

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Chloride, bromide, and TFA determination in the mixture of ionic liquids by CE-C4D

Gorbatšova, Jelena; Kuhtinskaja, Maria; Halling, Evelin; Mazina-Šinkar, Jekaterina V4 Symposium FLOW ANALYSIS &

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Detection of banned chemicals in various matrices (saliva, sediments) by capillary electrophoresis

Kaljurand, Mihkel; Mazina-Šinkar, Jekaterina; Saar-Reismaa, Piret; Jõul, Piia; Lees, Heidi; Tretjakova, Anastassia; Kulp,

Maria; Vaher, Merike 20th International Scientific Conference EcoBalt 2016 : Tartu, Estonia, October 9-12 : book of abstracts 2016 /

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Drug Hunter on uudne ja kiire tehniline lahendus kiireks narkojoobe tuvastamiseks

Kuzmina, Monika goodnews.ee 2023 [Drug Hunter on uudne ja kiire tehniline lahendus kiireks narkojoobe tuvastamiseks](https://goodnews.ee/et/Item/b7a6fb1d-5df0-4250-afd4-8323e65f3b5c) Эстонские ученые

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Evaluation of different operating modes of an autosampler for portable capillary electrophoresis

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Future perspective of in situ soil analysis

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A gas chromatograph for citizen science

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In situ determination of illegal drugs in oral fluid by portable capillary electrophoresis with deep UV excited fluorescence detection

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The influence of organic solvents on phenylethylamines in capillary zone electrophoresis

Bolkvadze, Vyacheslav; Bondar, Denys; Vahe, Merike; Halling, Evelin; Gorbats'ova, Jelena; Mazina-Šinkar, Jekaterina

Journal of chromatography A 2022 / art. 463169, 9 p. : ill <https://doi.org/10.1016/j.chroma.2022.463169> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kaasaskantav narkotester võimaldab tuvastada joovet senisest täpsemalt

Oidermaa, Jaan-Juhan novaator.err.ee 2023 [Kaasaskantav narkotester võimaldab tuvastada joovet senisest täpsemalt](#)

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Narkotestri arendamine narkootikumide tuvastamiseks süljes

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New developments in separation science will help to contribute to the democratisation of analytical chemistry

Kaljurand, Mihkel; Ružička, Martin; Gorbats'ova, Jelena; Mazina-Šinkar, Jekaterina Microchemical journal 2023 / Art. 109443

<https://doi.org/10.1016/j.microc.2023.109443>

Portable capillary electrophoresis as a green analytical technology

Kaljurand, Mihkel; Mazina-Šinkar, Jekaterina TrAC Trends in Analytical Chemistry 2022 / art. 116811

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Portable fully automated oral fluid extraction device for illegal drugs

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Rapid and sensitive capillary electrophoresis method for the analysis of Ecstasy in an oral fluid

Saar-Reismaa, Piret; Tretjakova, Anastassia; Mazina-Šinkar, Jekaterina; Vahe, Merike; Kaljurand, Mihkel; Kulp, Maria

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Rapid capillary electrophoresis method with led-induced native fluorescence detection for the analysis of amphetamine and cocaine derivatives in oral fluid

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Simultaneous determination of γ-hydroxybutyric acid, ibotenic acid and psilocybin in saliva samples by capillary electrophoresis coupled with a contactless conductivity detector

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The development of a handheld automatic drugmeter for quantitative analysis of γ-hydroxybutyric acid

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Use of a newly-developed portable capillary electrophoresis analyser to detect drugs of abuse in oral fluid: A case study

Saar-Reismaa, Piret; Brilla, Chelsa-Ann; Leiman, Kristiina; Kaljurand, Mihkel; Vahe, Merike; Kulp, Maria; Mazina-Šinkar, Jekaterina

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