

## **An optimized capillary electrophoresis method for the simultaneous analysis of biomass degradation products in ionic liquid containing samples**

**Aid, Tiina; Vaher, Merike** 20th International Scientific Conference EcoBalt 2016 : Tartu, Estonia, October 9-12 : book of abstracts 2016 / p. 91 : ill [http://akki.ut.ee/wp-content/uploads/2015/01/Abstracts\\_Book\\_EcoBalt\\_2016.pdf](http://akki.ut.ee/wp-content/uploads/2015/01/Abstracts_Book_EcoBalt_2016.pdf)

## **Analytical separations in harsh environments**

**Kaljurand, Mihkel** Trends in environmental analytical chemistry 2014 / e2-e7 : ill

## **Autosampler for portable capillary electrophoresis**

**Ružicka, Martin; Kaljurand, Mihkel; Gorbatošova, Jelena; Mazina-Šinkar, Jekaterina** Journal of chromatography A 2022 / art. 463619 <https://doi.org/10.1016/j.chroma.2022.463619> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Benign design in analytical chemistry**

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## **Capacitance-to-digital: A single chip detector for capillary electrophoresis**

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## **Capillary electrophoresis – a new tool for ionic analysis of exhaled breath condensate**

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## **Capillary electrophoresis as a monitoring tool for flow composition determination**

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## **Capillary electrophoretic monitoring of hydrothermal pre-treatment and enzymatic hydrolysis of willow : comparison with HPLC and NMR**

**Vaher, Merike; Helmja, Kati; Käsper, Andres; Kurašin, Mihhail; Våljamäe, Priit; Kudrjašova, Marina; Koel, Mihkel; Kaljurand, Mihkel** Catalysis today 2012 / p. 34-41 : ill

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## **Complete capillary electrophoresis process on a drone : towards a flying micro-lab**

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## **Determination of metal content in superoxide dismutase enzymes by capillary electrophoresis**

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**Improving precision of manual hydrodynamic injection in capillary electrophoresis with contactless conductivity detection**

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**The influence of organic solvents on phenylethylamines in capillary zone electrophoresis**

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**Ionic liquids as specific additives in separation methods**

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**An optimized capillary electrophoresis method for the simultaneous analysis of biomass degradation products in ionic liquid containing samples**

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**Portable automated handheld sample collection-preparation instrument for airborne volatile substances**

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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**

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**Saccharification of lignocellulosic biomasses via ionic liquid pretreatment**

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**Sugars and sugar derivatives in ionic liquid media obtained from lignocellulosic biomass: Comparison of capillary electrophoresis and chromatographic analysis**

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**Towards adaptive method for peak migration time correction : discretization period in electropherograms**

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

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