

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

**Kuban, Petr; Kobrin, Eeva-Gerda; Kaljurand, Mihkel** Journal of chromatography A 2012 / p. 239-245 : ill

[https://www.researchgate.net/publication/229158497\\_Capillary\\_Electrophoresis\\_-\\_A\\_New\\_Tool\\_for\\_Ionic\\_Analysis\\_of\\_Exhaled\\_Breath\\_Condensate](https://www.researchgate.net/publication/229158497_Capillary_Electrophoresis_-_A_New_Tool_for_Ionic_Analysis_of_Exhaled_Breath_Condensate)

### **Capillary electrophoresis - towards a sustainable analytical solution for multianalyte**

**Kuban, Petr** SustainChem2011 : International Conference on Materials and Technologies for Green Chemistry jointly with Workshop of COST Action CM0903 (UBIOCHEM-II) : September 5-9, 2011, Tallinn, Estonia : abstract book and program 2011 / p. 63

### **Determination of five priority haloacetic acids by capillary electrophoresis with contactless conductivity detection and solid phase extraction preconcentration**

**Kuban, Petr; Makarõtševa, Natalja; Kiplagat, Isaac; Kaljurand, Mihkel** Journal of separation science 2012 / p. 666-673 : ill

[https://www.researchgate.net/publication/221932273\\_Determination\\_of\\_five\\_priority\\_haloacetic\\_acids\\_by\\_capillary\\_electrophoresis\\_with\\_contactless\\_conductivity\\_detection\\_and\\_solid\\_phase\\_extraction\\_preconcentration](https://www.researchgate.net/publication/221932273_Determination_of_five_priority_haloacetic_acids_by_capillary_electrophoresis_with_contactless_conductivity_detection_and_solid_phase_extraction_preconcentration)

### **Determination of post-blast explosive residues in various matrices using portable capillary electropherograph with contactless conductivity detection**

**Kobrin, Eeva-Gerda; Kuban, Petr; Kaljurand, Mihkel** TÜ ja TTÜ doktorikool "Funktionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

### **Fingerprinting postblast explosive residues by portable capillary electrophoresis with contactless conductivity detection**

**Kobrin, Eeva-Gerda; Lees, Heidi; Fomitšenko, Maria; Kuban, Petr; Kaljurand, Mihkel** Electrophoresis 2014 / p. 1165-1172 : ill

<https://doi.org/10.1002/elps.201300380> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Head column field amplified sample stacking (HC-FASS) from the stream in CE using a computerized pneumatic sampling device. An alternative for decreasing the detection limits in CE**

**Kuldvee, Ruth; Kuban, Petr; Vunder, Kadri; Kaljurand, Mihkel** Balaton Symposium'99 on High-Performance Separation Methods : September 1-3, 1999, Siofok, Hungary : book of abstracts 1999 / p. P-149

### **Head column field-amplified stacking from the flow : stabilization of the sample plug position by using backpressure**

**Kuldvee, Ruth; Kuban, Petr; Vunder, Kadri; Kaljurand, Mihkel** Electrophoresis 2000 / 14, p. 2879-2885 : ill

<https://pubmed.ncbi.nlm.nih.gov/11001298/>

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

**Kuban, Petr; Seiman, Andrus; Kaljurand, Mihkel** Journal of chromatography A 2011 / p. 1273-1280 : ill

### **In situ determination of nerve agents in various matrices by portable capillary electropherograph with contactless conductivity detection**

**Kuban, Petr; Seiman, Andrus; Makarõtševa, Natalja; Vaher, Merike; Kaljurand, Mihkel** Journal of chromatography A 2011 / p. 2618-2625 : ill

### **Keskonnaproovide laboriväline ekstraktsioon ja kapillaarelektroforeetiline analüüs**

**Kobrin, Eeva-Gerda; Knjazeva, Tatjana; Kuban, Petr; Seiman, Andrus; Vaher, Merike; Kaljurand, Mihkel** XXXII Eesti Keemiateaduskonverentsi teesid 2011 / lk. 43

### **Portable microcolumn separation systems for on-site analysis**

**Kuban, Petr** Separation Science Asia 2011, Singapore 2011

### **Sampling and quantitative analysis in capillary electrophoresis**

**Kuban, Petr; Seiman, Andrus; Kaljurand, Mihkel** Capillary electrophoresis and microchip capillary electrophoresis : principles, applications, and limitations 2013 / p. 41-64