Capillary electrophoresis sensitivity enhancement based on adaptive moving average method
Drevinskas, Tomas; Telksnys, Laimutis; Maruška, Audrius; **Gorbatšova, Jelena**; **Kaljurand, Mihkel** Analytical chemistry 2018 / p. 6773−6780 : ill https://doi.org/10.1021/acs.analchem.8b00664 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Capillary electrophoresis time-of-flight mass spectrometry for comparative metabolomics of transgenic versus conventional maize
Levandi, Tuuli; Leon, Carlos; **Kaljurand, Mihkel**; Garcia-Ganas, Virginia; Cifuentes, Alejandro Analytical chemistry 2008 / 16, p. 6329-6335 : ill

Detection of organomercurials with sensor bacteria
Ivask, Angela; Hakkila, K.; Virta, Marko Analytical chemistry 2001 / p. 5168-5171

Development and optimisation of HILIC-LC-MS method for determination of carbohydrates in fermentation samples
Pismennõi, Dmitri; **Kiritsenko, Vassili**; **Marhivka, Jaroslav**; Kütt, Mary-Liis; **Vilu, Raivo** Molecules 2021 / art. 3669 https://doi.org/10.3390/molecules26123669 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Digital microfluidic sampler for a portable capillary electropherograph
Gorbatšova, Jelena; **Jaanus, Martin**; **Kaljurand, Mihkel** Analytical chemistry 2009 / p. 8590-8595 : ill

Direct demonstration of tissue uptake of an inhaled drug: proof-of-principle study using matrix-assisted laser desorption ionization mass spectrometry imaging
Fehniger, Thomas Edward; Vegvari, Akos; Rezeli, Melinda; **Prikk, Kaiu**; **Ross, Peeter**; Dahlbäck, Magnus; Edula, Goutham; **Sepper, Ruth**; **Marko-Varga, György** Analytical chemistry 2011 / p. 8329-8336 : ill

Ethane-bridged bisporphyrin conformational changes as an effective analytical tool for nonenzymatic detection of urea in the physiological range
Buccolieri, Alessandro; **Hasan, Mohammed**; Bettini, Simona; **Borovkov, Victor** Analytical chemistry 2018 / p. 6952-6958 : ill https://doi.org/10.1021/acs.analchem.8b01230 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Evolved gas analysis of inorganic materials using thermochromatography : model inorganic salts and palagonite Martian soil simulants
Koel, Mihkel; **Kaljurand, Mihkel**; Lochmüller, Charles H. Analytical chemistry 1997 / 22, p. 4586-4591

In situ determination of illegal drugs in oral fluid by portable capillary electrophoresis with deep UV excited fluorescence detection
Saar-Reismaa, Piret; Erme, Enn; **Vaher, Merike**; **Kulp, Maria**; **Kaljurand, Mihkel**; **Mazina-Šinkar, Jekaterina** Analytical chemistry 2018 / p. 6253-6258 : ill https://doi.org/10.1021/acs.analchem.8b00911 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Label-free high-throughput screening assay for inhibitors of Alzheimer's amyloid-[beeta] peptide aggregation based on MALDI MS
Zovo, Kairit; **Helk, Eneken**; **Karafin, Ann**; **Tõugu, Vello**; **Palumaa, Peep** Analytical chemistry 2010 / p. 8558-8565

Molecularly imprinted polymer integrated with a Surface Acoustic Wave technique for detection of sulfamethizole
Ayankojo, Akinrinade George; **Tretjakov, Aleksei**; **Reut, Jekaterina**; **Boroznjak, Roman**; **Öpik, Andres**; Rappich, Jörg; Furchner, Andreas; Hinrichs, Karsten; **Sõritski, Vitali** Analytical chemistry 2016 / p. 1476-1484 : ill http://dx.doi.org/10.1021/acs.analchem.5b04735

Physicochemical Properties Predict Retention of Antibiotics in Water-in-Oil Droplets
Ruszczak, Artur; Jankowski, Pawel; Vasantham, Shreyas K.; **Scheler, Ott**; Garstecki, Piotr Analytical chemistry 2023 / p. 1574−1581 : ill https://doi.org/10.1021/acs.analchem.2c04644

Stacking from the sample stream in CZE using a pneumatically driven computerized sampler
Kuldvee, Ruth; **Kaljurand, Mihkel** Analytical chemistry 1998 / 17, September 1, p. 3695-3698: ill