

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

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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](#)

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Compensation of the baseline temperature fluctuations for autonomous CE–C4D instrument working in harsh environments

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

Drevinskas, Tomas; Maruška, Audrius; Girdauskas, Valdas; Dūda, Gediminas; **Gorbatšova, Jelena**; **Kaljurand, Mihkel** Analytical Methods 2020 / p. 4977 - 4986 <https://doi.org/10.1039/d0ay01220c> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

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Design and applications of miniaturized, portable LED based colorimeter

Drevinskas, Tomas; Maruška, Audrius; Gladkauskas, Eimantas; Telksnys, Laimutis; Girdauskas, Valdas; **Gorbatšova, Jelena**; **Kaljurand, Mihkel**; Ragažinskienė, Ona Chemija 2018 / p. 209 - 218 <https://doi.org/10.6001/chemija.v29i4.3836> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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