

List of publications

- I. Enhancement of the conductivity detection signal in capillary electrophoresis systems using neutral cyclodextrins as sweeping agents
M. Boublík, M. Riesová, P. Dubský, B. Gaš
Electrophoresis, 2018, 39, 1390-1398

- II. Online preconcentration of weak electrolytes at the pH boundary induced by system a zone in capillary zone electrophoresis
M. Boublík, M. Riesová, J. Šteflová, V. Hruška
Analytica Chimica Acta, 2019, 1085, 126-135

- III. Determination of thermodynamic acidity constants and limiting ionic mobilities of weak electrolytes by capillary electrophoresis using a new free software AnglerFish
M. Malý, **M. Boublík**, M. Pocrnić, M. Ansorge, K. Lorinčíková, J. Svobodová, V. Hruška, P. Dubský, B. Gaš
Electrophoresis, 2019, <https://doi.org/10.1002/elps.201900283>

- IV. The effect of buffer concentration and cation type in the mobile phase on retention of amino acids and dipeptides in hydrophilic interaction liquid chromatography
K. Kalíková, **M. Boublík**, G. Kučerová, P. Kozlík
Chemical Papers, 2018, 72, 139-147

- V. CE determination of the thermodynamic pK_a values and limiting ionic mobilities of 14 low molecular mass UV absorbing ampholytes for accurate characterization of the pH gradient in carrier ampholytes-based IEF and its numeric simulation
M. Ansorge, B. Gaš, **M. Boublík**, M. Malý, J. Šteflová, V. Hruška, G. Vigh
Electrophoresis, 2019, <https://doi.org/10.1002/elps.201900381>