
TEZĂ DE DOCTORAT

**Conceptul de calitate prin
design în cromatografia de
lichide de înaltă
performanță și dezvoltarea
metodelor cromatografice
folosind programe
computerizate**

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LISTA DE PUBLICAȚII

Articole publicate în extenso în reviste cotate ISI:

1. **Ferencz E.** Kelemen ÉK. Obreja M. Sipos E. Vida S. Urkon M. Szabó ZI. *Computer-assisted UHPLC method development and optimization for the determination of albendazole and its related substances.* Journal of Pharmaceutical and Biomedical Analysis, 2021; 203:114203, articol indexat ISI, **Q2 (zona galbenă)**, doi: 10.1016/j.jpba.2021.114203, FI: 3,571.
<https://doi.org/10.1016/j.jpba.2021.114203>
2. **Ferencz E.** Zöldhegyi A. Kelemen ÉK. Obreja M. Urkon M. Sipos E. Tóth G. Molnár I. Szabó ZI. *Analytical quality by design-compliant retention modeling for exploring column interchangeabilities in separating ezetimibe and its related substances.* Journal of Chromatography A, 2022, 1682:463494, articol indexat ISI, **Q2 (zona galbenă)**, doi:10.1016/j.chroma.2022.463494, FI: 4,100.
<https://doi.org/10.1016/j.chroma.2022.463494>
3. **Ferencz E.** Kelemen ÉK. Obreja M. Tóth G. Urkon M. Zöldhegyi A. Sipos E. Szabó ZI. *The Applicability of Chromatographic Retention Modeling on Chiral Stationary Phases in Reverse-Phase Mode: A Case Study for Ezetimibe and Its Impurities,* International Journal of Molecular Sciences, 2023, 24(22): 16097, articol indexat ISI, **Q1 (zona roșie)**, doi: 10.3390/ijms242216097, FI: 5,600
<https://doi.org/10.3390/ijms242216097>

Articole publicate în extenso în reviste BDI:

1. **Ferencz E.** Sipos E. Kelemen ÉK. Obreja M. Urkon M. Tóth G. Szabó ZI. *Quality by design-based method development for the determination of related substances of ezetimibe by high performance liquid chromatography.* Bulletin of Medical Sciences 2022; 95(1):31-63, articol BDI, doi: 10.2478/orvtudert-2022-0003.
<https://doi.org/10.2478/orvtudert-2022-0003>