

## Lista lucrărilor publicate

**Lista celor maximum 10 lucrări considerate a fi cele mai relevante pentru realizările profesionale proprii și pentru domeniul disciplinelor postului pentru care candidiez:**

1. M. Mateescu, G. Vlase, M. M. Budiul, B. D. Cernușcă, T. Vlase, *Preliminary study for preparation and characterization of medicated jelly based on Ibuprofen or Ambroxol*, Journal of Thermal Analysis and Calorimetry, 2023 - <https://link.springer.com/article/10.1007/s10973-023-12052-0>;
2. B. D. Cernușcă, I. A. Bradu, A. Pahomi, D. Okolisan, M. M Budiul, G. Vlase, T. Vlase, *Study of thermally induced interactions between active substances from the sartans class and various excipients*, Journal of Thermal Analysis and Calorimetry, 2024 - <https://link.springer.com/article/10.1007/s10973-024-13477-x>;

### Lucrări prezentate în cadrul conferințelor:

1. M. Mateescu, D. Negru, B. D. Cernușcă, D. Jumanca, G. Vlase, T. Vlase, Preliminary study for the preparation of the antibiotic medicated vehicle with stomatological applicability - XLII National Conference on Calorimetry, Thermal Analysis and Applied Thermodynamics, Udine, Italia, 2020, poster presentation;
2. B. D. Cernușcă, G. Vlase, T. Vlase, Thermal stability of antihypertensive drugs from sartans class - XLII National Conference on Calorimetry, Thermal Analysis and Applied Thermodynamics, Udine, 2020, poster presentation;
3. B. Maranescu, L. Lupa, G. Ilia, A. Visa, B. D. Cernușcă, G. Vlase, T. Vlase, Layered divalent metal phosphonate - thermal stability studies - 1<sup>st</sup> Central and Eastern European Conference on Physical Chemistry and Materials Science (CEEC-PCMS1), Split, Croația, 2022, poster presentation;
4. B. D. Cernușcă, G. Vlase, T. Vlase, Thermal stability of sartan class drugs - 1<sup>st</sup> Central and Eastern European Conference on Physical Chemistry and Materials Science (CEEC-PCMS1), Split, Croația, 2022, poster presentation;
5. B. D. Cernușcă, G. Vlase, M. Mateescu, M. M. Budiul, T. Vlase, Study of thermally induced interactions between active substances from the sartans class and various excipients - 31<sup>st</sup> Symposium on Thermal Analysis and Calorimetry „Eugen Segal” of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy, Reșița, România 2022, poster presentation;
6. B. D. Cernușcă, G. Vlase, I. A. Bradu, T. Vlase, Thermal stability and kinetic study of Irbesartan - 33<sup>rd</sup> Symposium „Eugen Segal” of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy, Timișoara, România, 2024, poster presentation;
7. G. Vlase, B. D. Cernușcă, I. A. Bradu, T. Vlase, Thermal stability and kinetic study of sartan class drugs – XLV National Conference on Calorimetry, Thermal Analysis and Applied Thermodynamics, Caserta, Italia, 2024, poster presentation.

07.02.2025

Bianca-Denisa Cernușcă