

Lista publicații

1. Titus Vlase, Paul Albu, Adriana Ledeti, Denisa Circioban, Madalina Mateescu, Codruța Moșoiu, Vlase Gabriela, **“Thermal behavior of entacapone, a catechol-O-methyltransferase inhibitor used in Parkinson’s diseases”**, Journal of Thermal Analysis and Calorimetry, 2018, 134(3), DOI:10.1007/s10973-018-7097-y
2. Gabriela Vlase, Paul Albu, Sorin Cristian Doca, Madalina Mateescu, Titus Vlase, **„The kinetic study of the thermally induced degradation and an evaluation of the drug–excipient interactions performed for a new-generation bisphosphonate—risedronate”**, Journal of Thermal Analysis and Calorimetry, 2018, 134(6), DOI: 10.1007/s10973-018-7216-9
3. Paul Albu, Mihaela Budiul, Mădălina Mateescu, Vlad Chiriac, Gabriela Vlase, Titus Vlase, **“Studies regarding the induced thermal degradation, kinetic analysis and possible interactions with various excipients of an osseointegration agent: zoledronic acid”**, Journal of Thermal Analysis and Calorimetry, 2017, 130(1):1-6. DOI 10.1007/s10973-017-6537-4
4. Madalina Mateescu, Mihaela Budiul, Paul Albu, Gabriela Vlase, Titus Vlase, **“Thermal behavior and kinetic study of degradation for adamantan-2-one versus memantine hydrochloride”**, Journal of Thermal Analysis and Calorimetry, 2017, June 2017, 130(1):1-6, DOI 10.1007/s10973-017-6443-9
5. Mădălina MATEESCU, Gabriela VLASE, Daniela JUMANCA2, Atena GALUSCAN, Claudiu AVRAM, Titus VLASE, **“Comparative study regarding thermal behaviour of mixtures based on hydroxyapatite and methacrylate for dental use”**, Mater. Plast., Accepted: 22.12.2020.
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8. Mateescu, M., Vlase, G., Budiul, M.M., Cernușcă, B.D., Vlase, T. Preliminary study for preparation and characterization of medicated jelly based on Ibuprofen or Ambroxol, *Journal of Thermal Analysis and Calorimetry*, 2023, 148(10), 4601-4614.
9. Bradu, Ionela Amalia, Titus Vlase, Mădălin Bunoiu, Mădălina Grădinaru, Alexandru Pahomi, Dorothea Bajas, Mihaela Maria Budiul, and Gabriela Vlase. "Synthesis and Characterization of Polymer-Based Membranes for Methotrexate Drug Delivery." *Polymers*, 2023, 15(21).
10. Mihaela Budiul, M.;Mădălina Mateescu*;Gabriela Vlase;Titus Vlase;Simona Bocănici; Ionela Bradu, A. Thermoanalytical and spectroscopic studies on medicated jellies with perfenazine, *Journal of the Serbian Chemical Society*, 2024, 89(4).

Teza Doctorat: Studiul fizico-chimic al unor substanțe de interes farmaceutic, utilizate în eliberarea treptată