

## LISTA LUCRARI PUBLICATE (Vlase Gabriela)

- i. **1. Teza de doctorat** cu Titlul “**Interpretarea efectului de compensare la descompunerea neizotermă a unor precursori pentru materiale cu proprietăți prestabilite**”, conducător științific Prof.dr.ing. Adrian Chiriac susținută public în februarie 2005.  
**2. Teză abilitare: ANALIZA TERMICA SI UTILIZAREA TEHNICILOR CUPLATE LA STUDIUL SUBSTANȚELOR ȘI MATERIALELOR CU DIVERSE APLICAȚII**, susținută public în iunie 2015.
- ii. **Lista articolelor publicate în reviste din fluxul științific principal (ISI cu factor de impact)**
  1. Vlase, T., Jurca, G., Doca, N., Support effect in the thermal decomposition of some catalyst precursors, (1999) *Journal of Thermal Analysis and Calorimetry*, 56 (1), pp. 331-336.
  2. Vlase, T., Jurca, G., Doca, N., Non-isothermal kinetics by decomposition of some catalyst precursors, (2001) *Thermochimica Acta*, 379 (1-2), pp. 65-69.
  3. Vlase, T., Jurca, G., Doca, N., The effect of the support by the thermal decomposition of some catalyst precursors, (2001) *Thermochimica Acta*, 379 (1-2), pp. 59-63.
  4. Vlase, T., Jurca, G., Doca, N., Some criteria for deciding upon the support effect, (2002) *Journal of Thermal Analysis and Calorimetry*, 67 (3), pp. 597-603.
  5. Doca, N., Vlase, T., Vlase, G., Compensation effect in solid state reactions, a consequence of selective activation at the vibrational level, (2003) *Revue Roumaine de Chimie*, 48 (12), pp. 955-959.
  6. Vlase, T., Vlase, G., Chiriac, A., Doca, N., The influence of concentration and anion nature on the support effect, (2003) *Journal of Thermal Analysis and Calorimetry*, 72 (3), pp. 847-853.
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- (1), pp. 59-64.
12. Vlase, T., Vlase, G., Doca, N., Thermal stability of food additives of glutamate and benzoate type, (2005) *Journal of Thermal Analysis and Calorimetry*, 80 (2), pp. 425-428.
  13. Plesu, N., Iliu, G., Pascariu, A., Vlase, G., Preparation, degradation of polyaniline doped with organic phosphorus acids and corrosion essays of polyaniline-acrylic blends, (2006) *Synthetic Metals*, 156 (2-4), pp. 230-238.
  14. Ioişescu, A., Vlase, G., Vlase, T., Doca, N., Kinetics of decomposition of different acid calcium phosphates, (2007) *Journal of Thermal Analysis and Calorimetry*, 88 (1), pp. 121-125.
  15. Vlase, T., Vlase, G., Modra, D., Doca, N., Thermal behaviour of some industrial and food dyes, (2007) *Journal of Thermal Analysis and Calorimetry*, 88 (2), pp. 389-393.
  16. Vlase, T., Vlase, G., Birta, N., Doca, N., Comparative results of kinetic data obtained with different methods for complex decomposition steps, (2007) *Journal of Thermal Analysis and Calorimetry*, 88 (3), pp. 631-635.
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  23. Birta, N., Doca, N., Vlase, G., Vlase, T., Kinetic of sorbitol decomposition under non-isothermal conditions, (2008) *Journal of Thermal Analysis and Calorimetry*, 92 (2), pp. 635-638.
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179. Cosmina Bengescu, Anca Dragomirescu, Adriana Ledeti, Mirabela Romanescu, Gabriela Vlase, Titus Vlase, Lenuţa-Maria Şuta, Denisa Cîrcioban, Cornelia Muntean, Ionuţ Ledeti, First report regarding the solid state compatibility between synthetic steroidal estrogen promestriene and pharmaceutical excipients, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timişoara, Romania, p. 35
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181. Denisa Cîrcioban, Adriana Ledeti, Gabriela Vlase, Ionuţ Ledeti, Titus Vlase, Renata Văruţ, Ioana Zinuca Pavel, Cristina Dehelean, Physico-chemical and biological evaluation of inclusion complexes containing artesunate, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timişoara, Romania, p. 37
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183. Adriana Ledeti, Mirabela Romanescu, Gabriela Vlase, Titus Vlase, Cornelia Muntean, Anca Dragomirescu, Lenuţa-Maria Şuta, Denisa Cîrcioban, Cezara Mureşan, Ionuţ Ledeti, Compatibility study of Desogestrel with pharmaceutical excipients in solid state, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timişoara, Romania, p. 39
184. Ionuţ Ledeti, Sebastian Simu, Carmen Axente, Denisa Cîrcioban, Binca Baul, Gabriela Vlase, Titus Vlase, Anca Dragomirescu, Adriana Ledeti, Comparative solid state stability of three glucocorticoid hormones: prednisolone, prednisone and cortisone, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timişoara, Romania, p. 40
185. Cezara Mureşan, Ionuţ Ledeti, Gabriela Vlase, Titus Vlase, Anca Dragomirescu, Carmen Axente, Valentina Buda, Denisa Cîrcioban, Adriana Ledeti, Stability screening of folic acid in solid state – active ingredient and pharmaceutical formulation, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timişoara, Romania, p. 41
186. Claudia Olteanu<sup>1</sup>, Anamaria Todea<sup>1</sup>, Adriana Ledeti<sup>2</sup>, Gabriela Vlase<sup>3</sup>, Titus Vlase<sup>3</sup>, Lenuţa-Maria Şuta<sup>2</sup>, Anca Dragomirescu<sup>2</sup>, Cornelia Muntean<sup>1,4</sup>, Daniela Stoin<sup>5</sup>, Ionuţ Ledeti, Preliminary characterization of some inclusion complexes of volatile oils with functionalised



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187. Iulia Păușescu, Anamaria Todea, Valentin Badea, Francisc Peter, Mihai Medeleanu, Ionuț Ledeti, Gabriela Vlase, Titus Vlase, Intelligent pH indicators films based on chitosan/PVA and xanthylum dye, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timișoara, Romania, p. 43
188. Mirabela Romanescu, Adriana Ledeti, Cornelia Muntean, Gabriela Vlase, Titus Vlase, Anca Dragomirescu, Lenuța-Maria Șuta, Denisa Cîrcioban, Ionuț Ledeti, Instrumental investigations regarding solid state compatibility between Levothyroxine Sodium and pharmaceutical excipients, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timișoara, Romania, p. 44
189. Laura Sbârcea, Ionuț Mihai Tănase, Adriana Ledeti, Gabriela Vlase, Anca Dragomirescu, Carmen Axente, Ionuț Ledeti, Preparation and physico-chemical characterization of host-guest systems of aripiprazole and functionalized cyclodextrins, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timișoara, Romania, p. 45
190. Lenuța-Maria Șuta, Anca Dragomirescu, Cornelia Muntean, Adriana Ledeti, Gabriela Vlase, Titus Vlase, Bianca Beatrice Baul, Lavinia Stelea, Ionuț Ledeti, Preformulation studies for antiandrogen drug bicalutamid, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timișoara, Romania, p. 46
191. Ionuț Mihai Tănase, Adriana Ledeti, Gabriela Vlase, Titus Vlase, Lenuța-Maria Șuta, Anca Dragomirescu, Cornelia Muntean, Ionuț Ledeti, Searching of solid-state interactions between pharmaceutical excipients - carboxymethylcellulose sodium and microcrystalline cellulose, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timișoara, Romania, p. 47
192. Ionuț Ledeti, Cristina Trandafirescu, Roxana Racoviceanu, Denisa Cîrcioban, Gabriela Vlase, Titus Vlase, Cristina Dehelean, Anca Dragomirescu, Adriana Ledeti, Comparative evaluation of heterogenous degradation of mebendazole, fenbendazole and flubendazole, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timișoara, Romania, p. 49
193. Maria Elena Radulescu-Grad, Gabriela Vlase, Gheorghe Ilia, Simona Gabriela Muntean, Adelina Andelescu, Thermoanalytical study of Amido black 10B dye cooper **complex**, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timișoara, Romania, p. 50
194. Manuela Crisan, Mihaela Petric, Gabriela Vlase, Titus Vlase, Paulina Bourosh, Anatolii V. Simine<sup>3</sup>, Lilia Croitor, Thermal behaviour, structural and luminescent investigations of new protic ionic liquids based on diethylethanolamine and 4-nitrobenzoic acid, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timișoara, Romania, p. 55
195. Mihaela Petric, Lilia Croitor, Gabriela Vlase, Titus Vlase, Paulina Bourosh, Victor Kravtsov, Gheorghe Ilia, Manuela Crisan, Thermogravimetric and kinetic study of new bis(iminophosphorane)ethane clathrates, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timișoara, Romania, p. 56
196. Lilia Croitor, Mihaela Petric, Gabriela Vlase, Titus Vlase, Paulina Bourosh, Anatolii V. Siminel, Manuela Crisan, A comparative thermal, structural and luminescence studies of 2-chloro-5-nitrobenzoate salts, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timișoara, Romania, p. 57
197. Alexandru Pahomi, Vlad Chiriac, Gabriela Vlase, Titus Vlase, Paul Albu, Gheorghe

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198. Daniela JUMANCA, Gabriela VLASE, Titus VLASE, Mădălina MATEESCU, Thermal and FTIR characterization of medicated jelly with betulin and betulinic acid, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timișoara, Romania, p. 69
199. Dan VLASE, Gabriela VLASE, Titus VLASE, Mădălin BUNOIU, Paul BARVINSCHI, FT-IR, TG/DTG/HF, SEM and XRD analysis of some pottery and soil samples from Iernut, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timișoara, Romania, p. 71
200. Dan VLASE, Codruța MOȘOIU, Gabriela VLASE, Titus VLASE, Comparative analyses of Roman mortars belonging to different ancient periods from Drobeta-Turnu Severin region, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timișoara, Romania, p. 72
201. Cristina Bugnariu, Gabriela Vlase, Titus Vlase, Thermally induced interaction by models of commercial meat products, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timișoara, Romania, p. 73
202. Dorothea Bajas, Titus Vlase, Gabriela Vlase, Obtaining and Characterization of some alginate based membranes for possible transdermal drug delivery applications of methotrexate, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timișoara, Romania, p. 74
203. Paul Albu, Dorothea Bajas, Mădălina Mateescu, Gabriela Vlase, Titus Vlase, Interaction study of different mixtures with Leflunomide for transdermal drug delivery applications, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timișoara, Romania, p. 75
204. Paul Albu, Dorothea Bajas, Titus Vlase, Gabriela Vlase, Thermal characterization of different membrane with Riluzole for amyotrophic lateral sclerosis treatment, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timișoara, Romania, p. 76
205. Mădălina MATEESCU, Gabriela VLASE, Titus VLASE, Preparative study for medicated chewing gums formulation with applications in dental caries prevention, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timișoara, Romania, p. 77
206. Gabriela URSUȚ, Dan VLASE, Gabriela VLASE, Paula SFÂRLOAGĂ, Titus VLASE. Characteristics of late Neolithic pottery of the Zau Culture :analysis of pottery samples from Iernut-Site II (Mures County, Romania), Book of Abstract XLII National Conference on Calorimetry, Thermal Analysis and Applied Thermodynamics, January 2021, Udine, Italy, p. 73
207. Gabriela URSUȚ, Dan VLASE, Gabriela VLASE, Paula SFÂRLOAGĂ, Titus VLASE. Regarding the technology and origin of late Neolithic and Eneolithic pottery: analysis of pottery and soil samples from the Foeni Tell-Orthodox Cemetery (Timis County, Romania), Book of Abstract XLII National Conference on Calorimetry, Thermal Analysis and Applied Thermodynamics, January 2021, Udine, Italy, p. 75
208. Florin MANEA, Titus VLASE, Maria PRODAN, Sonia ȘUVAR, Emilian GHICIOI, Investigation of kinetics, thermal behaviors and evolved gases of gel explosive. Book of Abstract XLII National Conference on Calorimetry, Thermal Analysis and Applied Thermodynamics, January 2021, Udine, Italy, p. 125
209. Dan VLASE, Gabriela VLASE, Iosif Vasile FERENCZ, Paula SFÂRLOAGĂ, Dorel MICLE, Titus VLASE. Comparative thermal and hyphenated analysis of different mortars

- samples from Deva region. Book of Abstract XLII National Conference on Calorimetry, Thermal Analysis and Applied Thermodynamics, January 2021, Udine, Italy, p. 127
210. Bianca Baul, Denisa Cîrcioban, Carmen Tomoroga, Adriana Ledeti, Gabriela Vlase, Titus Vlase, Laura Sbârcea, Francisc Peter, Ionuț Ledeti, Thermal stability of antihypertensive drug moxonidine – an isoconversional kinetic study. Book of Abstract XLII National Conference on Calorimetry, Thermal Analysis and Applied Thermodynamics, January 2021, Udine, Italy, p. 131
211. Manuela E. Crisan, Lilia Croitor, Paulina N. Bourosh, Gabriela Vlase, Titus Vlase, Structural and thermal characterization of polymorphic system metilethanolammonium 2-chloro-4-nitrobenzoate. Book of Abstract XLII National Conference on Calorimetry, Thermal Analysis and Applied Thermodynamics, January 2021, Udine, Italy, p. 133
212. Mihaela F. Petric, Manuela E. Crisan, Lilia Croitor, Paulina N. Bourosh, Gabriela Vlase, Titus Vlase. Substituent effect on crystal structure and thermal stability of iminophosphoranes . Book of Abstract XLII National Conference on Calorimetry, Thermal Analysis and Applied Thermodynamics, January 2021, Udine, Italy, p.135
213. Bianca Baul, Denisa Cîrcioban, Valentina Buda, Adriana Ledeti, Gabriela Vlase, Titus Vlase, Laura Sbârcea, Francisc Peter, Ionuț Ledeti. Solid-state stability of valsartan – an isoconversional kinetic study for drug and pharmaceutical formulation. Book of Abstract XLII National Conference on Calorimetry, Thermal Analysis and Applied Thermodynamics, January 2021, Udine, Italy, p.137
214. Ionuț Tănase, Denisa Cîrcioban, Adriana Ledeti, Gabriela Vlase, Șuta Lenuța-Maria, Laura Sbârcea, Titus Vlase, Daniela Dascălu, Ionuț Ledeti. Preformulation studies for aripiprazole and risperidone – an instrumental approach. Book of Abstract XLII National Conference on Calorimetry, Thermal Analysis and Applied Thermodynamics, January 2021, Udine, Italy, p.139
215. Mădălina Mateescu, Cristina Bugnariu, Daniela Jumanca, Gabriela Vlase, Titus Vlase, Preliminary study for preparation of buccal patch with lidocaine and acyclovir. Book of Abstract XLII National Conference on Calorimetry, Thermal Analysis and Applied Thermodynamics, January 2021, Udine, Italy, p.141
216. Mădălina MATEESCU, Daniel NEGRU, Bianca-Denisa CERNUȘCĂ, Daniela JUMANCA, Gabriela VLASE, Titus VLASE. Preliminary study for the preparation of the antibiotic medicated vehicle with stomatological applicability. . Book of Abstract XLII National Conference on Calorimetry, Thermal Analysis and Applied Thermodynamics, January 2021, Udine, Italy, p.153
217. Bianca-Denisa CERNUȘCĂ, Gabriela VLASE, Titus VLASE. Thermal stability of antihypertensive drugs from sartans class. Book of Abstract XLII National Conference on Calorimetry, Thermal Analysis and Applied Thermodynamics, January 2021, Udine, Italy, p.155
218. Dan Vlase, Gabriela Vlase, Gabriela Ursuț, Paula Sfirloagă, Florin Manea, Andrei Rotaru, Titus Vlase . *Investigation of prehistoric ceramics (pottery and clays) from the west of Romania using thermal analysis and complementary techniques* 30<sup>th</sup> Symposium on Thermal Analysis and Calorimetry "Eugen Segal" of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy CATCAR30 15-16 October 2021, Bucharest – Romania

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225. Dan VLASE, Gabriela VLASE, Gabriela URSUȚ, Paula SFIRLOAGA, Florin Manea, Titus VLASE, Pottery and clay: analysis of late Neolithic pottery and clay samples from the Ronăț-Triaj site (Timișoara, Timis County, Romania) using hyphenated techniques, , Book of Abstracts 1<sup>st</sup> Central and Eastern European Conference on Physical Chemistry & Materials Science (CEEC-PCMS1), 26<sup>th</sup> & 30<sup>th</sup> of July 2022 [Split, Croatia](#). PS2.37, p. 179
226. Florin Manea, Titus VLASE, Emilian GHICIOI, Nicolae Ioan VLASIN, Maria PRODAN, Methane-air accidental explosion in civil building – Case study, , Book of Abstracts 1<sup>st</sup> Central and Eastern European Conference on Physical Chemistry & Materials Science (CEEC-PCMS1), 26<sup>th</sup> & 30<sup>th</sup> of July 2022 [Split, Croatia](#). PS2.38, p. 180
227. Bianca-Denisa CERNUȘCĂ, Gabriela VLASE, Titus VLASE, Thermal stability of sartan class drugs. , Book of Abstracts 1<sup>st</sup> Central and Eastern European Conference on Physical Chemistry & Materials Science (CEEC-PCMS1), 26<sup>th</sup> & 30<sup>th</sup> of July 2022 [Split, Croatia](#). PS3.19, p. 205
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#### v. Lista contractelor unde am participat ca membru sau director.

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5. Contract 6190/2000 GRANT tip T ANSTI, tema B3: Efectul de compensare și efectul de suport la descompunerea unor precursori, responsabil GRANT Vlase Titus.

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10. Contract CEEX-MENER 633/03.10.2005 (14,3 miliarde-36 luni)–Responsabil tema T. Vlase la Coordonatorul de proiect U.V.T, Director – Prof.dr. N.Doca.

11. Contract MATHNANTECH 82/2006, 1,2 miliarde Partener 1 UVT responsabil temă Vlase Titus

12. Gabriela Vlase -Director al Contractului CEEX-ET 5861/18.09.2006-2008 încheiat între UVT și MEDC-UEFISCU (Cercetare de excelență pentru tineri-ET, cod proiect 148) cu denumirea Analiza cinetică a comportării termice a unor substanțe și materiale cu acțiune biologică -1,4 miliarde ROL -24 luni.

13. POS CCE operatiunea O 2.1.1. “Cresterea competitivitatii economice”,cod SMIS – CSNR 11805, Contract 231/16.08.2010, SC Quantic Speciality - UVT, 800000 RON – Director Conf.dr.ing. C.Bolcu. 14. PN-II, Idei 2008, Cod CNCSIS 2376, 2009-2011, Contract 574/2009, 1.000.000 RON, Director Conf.dr.T.Vlase

14. **Proiect PNIII bilateral Romania – Republica Moldova finantat de UEFISCDI, Competitia: PN-III-P3-CEI-BIM-PM-2016-2017, Parteneri:** Romania - Institutul de Chimie Timișoara al Academiei Române - CO, Universitatea de Vest din Timișoara - P1, Universitatea de Științe Agricole și Medicină Veterinară a Banatului "Regele Mihai I al României” din Timișoara – P2, Republica Moldova - Institutul de Fizică Aplicată AȘM, Chisinau

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vi. **Articole/studii publicate în reviste de specialitate recunoscute național**

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3. Vlase, T., Jurca Gabriela and Doca, N., "Study of the support effect by Non-isothermal kinetics. III. Molibdyc acid on carborundum and silica", Annals of West Univ. of Timișoara, Ser. Chem., 7 (1998), 1-6.
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**Semnătura**

***Prof. Dr.chim. Gabriela Vlase Dr. Habil***