



**Curriculum vitae
Europass**



Informații personale

Nume / Prenume	Vlase Gabriela
Adresă(e)	Giarmata, Timis, Str. Viilor, No 40, RO-307210
Telefon(oane)	0256592627
Fax(uri)	0256692626
E-mail(uri)	gabriela.vlase@e-uvt.ro

Naționalitate(-tăți)	română
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Data nașterii / Varsta	23.09.1974; 49
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Sex	F
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Experiența profesională

Perioada	Sept-2019
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Funcția sau postul ocupat	Profesor Universitar
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Activități și responsabilități principale	Educatie si cercetare
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Numele și adresa angajatorului	Universitatea de Vest din Timisoara
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Tipul activității sau sectorul de activitate	Educatie, Invatamant
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Perioada	2013-2019
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Funcția sau postul ocupat	Conferentiar univeritar
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Activități și responsabilități principale	Educatie si cercetare
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Numele și adresa angajatorului	Universitatea de Vest din Timisoara
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Tipul activității sau sectorul de activitate	Educatie, Invatamant
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Perioada	Din 2015
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Funcția sau postul ocupat **Conducator doctorat**
 Activități și responsabilități principale Educație și cercetare
 Numele și adresa angajatorului Universitatea de Vest din Timisoara
 Tipul activității sau sectorul de activitate Educație, Învățământ

Perioada **2005-2013**

Funcția sau postul ocupat **Lector Universitar**
 Activități și responsabilități principale Educație și cercetare
 Numele și adresa angajatorului Universitatea de Vest din Timisoara
 Tipul activității sau sectorul de activitate Educație, Învățământ

Perioada **1999-2005**

Funcția sau postul ocupat **Asistent universitar**
 Activități și responsabilități principale Educație și cercetare
 Numele și adresa angajatorului Universitatea de Vest din Timisoara
 Tipul activității sau sectorul de activitate Educație, Învățământ

Perioada **1998-1999**

Funcția sau postul ocupat **Asistent cercetare**
 Activități și responsabilități principale cercetare
 Numele și adresa angajatorului Academia Romana- Filiala Timisoara
 Tipul activității sau sectorul de activitate Cercetare

Educație și formare

Perioada **2019-2020**

Calificarea / diploma obținută **Cadru Didactic**
 Disciplinele principale studiate / competențe profesionale dobândite **INVATAREA BAZATA PE PROBLEME (BPL) IN SISTEMUL UNIVERSITAR**
 Numele și tipul instituției de învățământ / furnizorului de formare Universitatea de Vest din Timisoara

Nivelul în clasificarea națională sau internațională Nivel I

Perioada **2015**

Calificarea / diploma obținută **Dr. Habil**
 Disciplinele principale studiate / competențe profesionale dobândite Elaborarea tezei de abilitare „**ANALIZA TERMICA SI UTILIZAREA TEHNICILOR CUPLATE LA STUDIUL SUBSTANȚELOR ȘI MATERIALELOR CU DIVERSE APLICAȚII**”
 Numele și tipul instituției de învățământ / furnizorului de formare Universitatea de Vest din Timisoara
 Nivelul în clasificarea națională sau internațională Dr. Habil

Perioada	octombrie 2011- martie 2013				
Calificarea / diploma obținută	Studii posdoctorale				
Disciplinele principale studiate / competențe profesionale dobândite	Tema de cercetare: Comportarea termică a aditivilor alimentari si interacții induse termic in produsele comerciale”				
Numele și tipul instituției de învățământ / furnizorului de formare	Universitatea de Vest din Timisoara, Proiectului POSDRU/89/1.5/S/63663, cu Titlul “Rețea transnațională de management integrat al cercetării postdoctorale în domeniul Comunicarea științei. Construcție instituțională (școală postdoctorală) și program de burse (CommScie)”				
Nivelul în clasificarea națională sau internațională	Studii posdoctorale				
Perioada	25.02.2005				
Calificarea / diploma obținută	Doctor in Chimie				
Disciplinele principale studiate / competențe profesionale dobândite	Teza de doctorat cu Titlul: „INTERPRETAREA EFECTULUI DE COMPENSARE LA DESCOMPUNEREA NEIZOTERMĂ A UNOR PRECURSORI PENTRU MATERIALE CU PROPRIETĂȚI PRESTABILITE” sub coordonare Prof. dr. ing. Adrian Chiriac				
Numele și tipul instituției de învățământ / furnizorului de formare	Universitatea de Vest din Timisoara, Scoala Doctorală de Chimie				
Nivelul în clasificarea națională sau internațională	Doctor in Chimie				
Perioada	1998-2000				
Calificarea / diploma obținută	ISCED				
Disciplinele principale studiate / competențe profesionale dobândite	Studii aprofundate în profilul “Chimia compușilor biologic activi”				
Numele și tipul instituției de învățământ / furnizorului de formare	Universitatea de Vest din Timisoara				
Nivelul în clasificarea națională sau internațională	ISCED				
Perioada	1994-1998				
Calificarea / diploma obținută	Licentiat in chimie				
Disciplinele principale studiate / competențe profesionale dobândite	Disciplinele aferente planului de invatamant urmat				
Numele și tipul instituției de învățământ / furnizorului de formare	Universitatea de Vest din Timisoara				
Nivelul în clasificarea națională sau internațională	Licentiat in chimie				
Aptitudini și competențe personale					
Limba(i) maternă(e)	Romana				
Limba(i) străină(e) cunoscută(e)					
Autoevaluare					
Nivel european (*)					
Limba					

Înțelegere		Vorbire		Scriere
Ascultare	Citire	Participare la conversație	Discurs oral	Exprimare scrisă
E avansat	avansat	avansat	avansat	avansat

Limba	G	Med.		Med.		Med.		Med.		Med.
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(*) Nivelul Cadrului European Comun de Referință Pentru Limbi Străine

Competențe și abilități sociale	Imi place sa lucrez in echipe, sa coordonez unele persoane, sunt o fire deschisa, imi plac colaborarile cu alte persoane ca mine.
Competențe și aptitudini organizatorice	Imi place sa coordonez echipe de cercetare in cadrul unor contracte.Am lucrat in cadrul a 16 contracte de cercetare dintre care in unul am fost Director de Proiect
Competențe și aptitudini tehnice	Utilizez cu usurinta aparate utilizate in cadrul determinarilor fizico-chimice.
Competențe și aptitudini de utilizare a calculatorului	Utilizez cu usurinta calculatorul si alte aparate coordonate de acesta.
Competențe și aptitudini artistice	Sunt o persoana organizata, ordonata, inovativa si inventiva.
Alte competențe și aptitudini	Cataliză, Chimie Tehnologică, Chimia Materialelor, Chimia Stării solide , Chimie generala Metale,Bioanorganică, Chimie Coordinativă, Chimie Anorganică, Metale, Poluanți anorganici, Atmosfera și Calitatea aerului, Chimia Mediului, Domenii de interes/ Expertiza Știință materialelor; Cinetică si cinetică neizotermă, Analiză termică, Spectrofotometrie. /Știința materilalor; Analiză termică (TG/DTG/DTA/EGA , DSC, TMA); Predictia timpului de viata ; Cataliză heterogenă; Spectroscopie si microscopie FT-IR
Profil stiintific/Arii tematice	<ul style="list-style-type: none"> • Obținerea a unor noi compozite nanostructurate biomimetice cu aplicații biomedicale si cu proprietăți fizice, chimice și biologice îmbunătățite ca material pentru reconstrucție osoasă, dispozitive "drug delivery", posibile aplicații stomatologice. • Sinteza si caracterizarea de noi materiale de tip polimer pentru eliberare controlata a diferitelor medicamente atat pentru eliberare transdermala, tranmucozala si orodispersabile. • Caracterizarea si obtinerea unor materiale cu proprietati anticorozive, material cu adaosuri magnetice. • Studii prin tehnici hifenate a complexilor de incluziune care isi gasesc în prezent utilizare în domeniul farmaceutic ca excipient sau agent de complexare, în scopul de a crește solubilitatea unor medicamente. • Obținerea și caracterizarea unor noi materiale ce vor putea fi folosite în regenerare osoasă.
Permis(e) de conducere	Permis categoria A si B

Informații suplimentare

Member of professional associations:

1. Chemical Society in Romania;
2. Catalysis Society of Romania;
3. Romanian Committee for Thermal Analysis and Calorimetry
4. Member ICTAC (International Confederation of Thermal Analysis and calorimetry) 2004

Scientific publications

Books	7	Grants	17
ISI paper	197	h-index	27
Citation	2325(ISI web)	International Communication	Over 260
over			
BDI paper	Over 50	National communications	Over 70

Data

6.09.2024

Nume Prenume**Semnătură**

Prof. dr. Vlase Gabriela Dr. Habil

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.
7. Vlase, T., Vlase, G., Chiriac, A., Doca, N., Decomposition of organic salts of some d and f metals: Non-isothermal kinetics and FT-IR studies, (2003) *Journal of Thermal Analysis and Calorimetry*, 72 (3), pp. 839-845.
8. Vlase, T., Vlase, G., Doca, M., Doca, N., Specificity of decomposition of solids in non-isothermal conditions, (2003) *Journal of Thermal Analysis and Calorimetry*, 72 (2), pp. 597-604.
9. Vlase, T., Vlase, G., Chiriac, A., Doca, N., About compensation effect by thermal decomposition of some catalyst precursors, (2005) *Journal of Thermal Analysis and Calorimetry*, 80 (1), pp. 87-90.
10. Vlase, T., Vlase, G., Doca, N., Kinetics of thermal decomposition of alkaline phosphates, (2005) *Journal of Thermal Analysis and Calorimetry*, 80 (1), pp. 207-210.
11. Vlase, T., Vlase, G., Doca, N., Bolcu, C., Processing of non-isothermal TG data: Comparative kinetic analysis with NPK method, (2005) *Journal of Thermal Analysis and Calorimetry*, 80 (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., Ilia, 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. Ioițescu, 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.
17. Vlase, G., Vlase, T., Tudose, R., Costișor, O., Doca, N., Kinetic of decomposition of some complexes under non-isothermal conditions, (2007) *Journal of Thermal Analysis and Calorimetry*, 88 (3), pp. 637-640.
18. Feher, L., Jurconi, B., Vlase, G., Vlase, T., Doca, N., Decomposition kinetic of a synthetic oil adsorbed on different silico-alumina, (2007) *Journal of Thermal Analysis and Calorimetry*, 88 (3), pp. 621-624.

19. Pop, L., Pușcaș, C., Bandur, G., Vlase, G., Nuțiu, R., Basestock oils for lubricants from mixtures of corn oil and synthetic diesters, (2008) *JAOCs, Journal of the American Oil Chemists' Society*, 85 (1), pp. 71-76.
20. Vlase, G., Vlase, T., Doca, N., Thermal behavior of some phenitoine pharmaceuticals, (2008) *Journal of Thermal Analysis and Calorimetry*, 92 (1), pp. 259-262.
21. Vlase, T., Doca, N., Vlase, G., Bolcu, C., Borcan, F., Kinetics of non-isothermal decomposition of three IRGANOX-type antioxidants, (2008) *Journal of Thermal Analysis and Calorimetry*, 92 (1), pp. 15-18.
22. Pop, N., Vlase, G., Vlase, T., Doca, N., Mogoș, A., Ioițescu, A., Compensation effect as a consequence of vibrational energy transfer in homogeneous and isotropic heat field, (2008) *Journal of Thermal Analysis and Calorimetry*, 92 (1), pp. 313-317.
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.
24. Doca, N., Vlase, G., Vlase, T., Ilia, G., Thermal behavior of Cd²⁺ and Co²⁺ phenyl-vinyl-phosphonates under non-isothermal condition, (2008) *Journal of Thermal Analysis and Calorimetry*, 94 (2), pp. 441-445.
25. Tița, B., Marian, E., Tița, D., Vlase, G., Doca, N., Vlase, T., Comparative kinetic study of decomposition of some diazepine derivatives under isothermal and non-isothermal conditions, (2008) *Journal of Thermal Analysis and Calorimetry*, 94 (2), pp. 447-452.
26. Ioițescu, A., Vlase, G., Vlase, T., Ilia, G., Doca, N., Synthesis and characterization of hydroxyapatite obtained from different organic precursors by sol-gel method, (2009) *Journal of Thermal Analysis and Calorimetry*, 96 (3), pp. 937-942.
27. Pop, N., Vlase, G., Vlase, T., Doca, N., Study on the mechanism of the selective activation of solids in a homogeneous and isotropic thermal field, (2009) *Journal of Thermal Analysis and Calorimetry*, 97 (2), pp. 667-671.
28. Vlase, T., Vlase, G., Doca, N., Ilia, G., Fulias, A., Coupled thermogravimetric-IR techniques and kinetic analysis by non-isothermal decomposition of Cd²⁺ and Co²⁺ vinyl-phosphonates, (2009) *Journal of Thermal Analysis and Calorimetry*, 97 (2), pp. 467-472.
29. Vlase, G., Vlase, T., Doca, N., Perța, M., Ilia, G., Plesu, N., Thermal behavior of a sol-gel system containing aniline and organic phosphonates, (2009) *Journal of Thermal Analysis and Calorimetry*, 97 (2), pp. 473-478.
30. Doca, N., Vlase, G., Vlase, T., Perța, M., Ilia, G., Plesu, N., TG, EGA and kinetic study by non-isothermal decomposition of a polyaniline with different dispersion degree, (2009) *Journal of Thermal Analysis and Calorimetry*, 97 (2), pp. 479-484.
31. Vlase, G., Vlase, T., Doca, N., Ilia, G., Estimation of flame retardancy effect by thermal analysis using kinetic parameters obtained under non-isothermal conditions in air, (2009) *Chinese Journal of Chemistry*, 27 (10), pp. 1919-1924.
32. Ștefănescu, M., Stoia, M., Ștefănescu, O., Davidescu, C., Vlase, G., Sfirloagă, P., Synthesis and characterization of poly(vinyl alcohol)/ethylene glycol /silica hybrids. Thermal analysis and ft-ir study, (2010) *Revue Roumaine de Chimie*, 55 (1), pp. 17-23.
33. Fulias, A., Vlase, T., Vlase, G., Szabadai, Z., Rusu, G., Bandur, G., Tita, D., Doca, N. Thermoanalytical study of cefadroxil and its mixtures with different excipients (2010) *Revista de Chimie*, 61 (12), pp. 1202-1206.
34. Fuliaș, A., Vlase, T., Vlase, G., Doca, N., Thermal behaviour of cephalexin in different mixtures, (2010) *Journal of Thermal Analysis and Calorimetry*, 99 (3), pp. 987-992.
35. Vlase, T., Bolcu, C., Vlase, G., Mogoș, A., Doca, N., Thermooxidative stabilization of a MDI: Polyol polyisocyanate, (2010) *Journal of Thermal Analysis and Calorimetry*, 99 (3), pp. 973-979.
36. Ilia, G., Drehe, M., Vlase, T., Vlase, G., Macarie, L., Doca, N., Thermal behavior of titania grafted with phosphonic acids under non-isothermal conditions, (2010) *Journal of Thermal Analysis and Calorimetry*, 100 (3), pp. 917-923.
37. Fuliaș, A., Vlase, G., Vlase, T., Tița, B., Tița, D., Doca, N., Thermal study of cefoperazone monohydrate, (2010) *Revue Roumaine de Chimie*, 55 (8), pp. 481-486.

38. Vlase, T., Vlase, G., Doca, N., Iliescu, S., Ilia, G., Thermo-oxidative degradation of polymers containing phosphorus in the main chain,(2010) *High Performance Polymers*, 22 (7), pp. 863-875.
39. Tiță, D., Fuliș, A., Tiță, B., Vlase, G., Vlase, T., Doca, N., Thermal behaviour of active compounds versus pharmaceutical compounds for some benzodiazepines,(2010) *Revue Roumaine de Chimie*, 55 (11-12), pp. 1047-1052.
40. Stefanescu, O., Vlase, T., Vlase, G., Doca, N., Stefanescu, M., Synthesis and characterization of new hydroxycarboxylate compounds obtained in the redox reaction between $\text{Fe}(\text{NO}_3)_3$ and diol,(2011) *Thermochimica Acta*, 519 (1-2), pp. 22-27.
41. Albu, P., Bolcu, C., Vlase, G., Doca, N., Vlase, T., Kinetics of degradation under non-isothermal conditions of a thermooxidative stabilized polyurethane,(2011) *Journal of Thermal Analysis and Calorimetry*, 105 (2), pp. 685-689.
42. Duda-Seiman, C., Vlase, T., Vlase, G., Duda-Seiman, D., Albu, P., Doca, N. Thermal analysis study of amlodipine as pure compound and in binary mixture (2011) *Journal of Thermal Analysis and Calorimetry*, 105 (2), pp. 677-683.
43. Duda-Seiman, C., Vlase, T., Vlase, G., Cinca, R., Anghel, M., Doca, N. Thermal behavior of verapamil in pure and in solid dosage forms (2011) *Journal of Thermal Analysis and Calorimetry*, 105 (3), pp. 851-858.
44. Fuliș, A., Bobric, A., Vlase, G., Vlase, T., Doca, N., Thermal stability and biological interactions of some cephalosporins,(2011) *Revue Roumaine de Chimie*, 56 (10-11), pp. 959-966.
45. Fuliș, A., Fuliș, N., Vlase, G., Tita, B., Tita, D., Vlase, T., Thermal decomposition kinetics of cefadroxil, (2011) *Revue Roumaine de Chimie*, 56 (10-11), pp. 967-973.
46. Stoia, M., Ștefănescu, O., Vlase, G., Barbu-Tudoran, L., Barbu, M., Ștefănescu, M., Silica matrices for embedding of magnetic nanoparticles, (2012) *Journal of Sol-Gel Science and Technology*, 62 (1), pp. 31-40.
47. Barbu, M., Stefanescu, M., Stoia, M., Vlase, G., Barvinschi, P., New synthesis method for M(II) chromites/silica nanocomposites by thermal decomposition of some precursors formed inside the silica gels, (2012) *Journal of Thermal Analysis and Calorimetry*, 108 (3), pp. 1059-1066.
48. Anghel, M., Vlase, T., Vlase, G., Albu, P., Doca, N., Tolan, I., Mracec, M., Hyphenated techniques used by evaluation of the thermal behaviour of glycyrrhetic acid, (2012) *Revue Roumaine de Chimie*, 57 (7-8), pp. 747-753.
49. Ledeti, I., Fuliș, A., Vlase, G., Vlase, T., Doca, N., Novel triazolic copper (II) complex: Synthesis, thermal behaviour and kinetic study, (2013) *Revue Roumaine de Chimie*, 58 (4-5), pp. 441-450.
50. Ledeti, I., Simu, G., Vlase, G., Savoiu, G., Vlase, T., Suta, L.-M., Popoiu, C., Fuliș, A. Synthesis and solid-state characterization of Zn(II) metal complex with acetaminophen (2013) *Revista de Chimie*, 64 (10), pp. 1127-1130.
51. Fuliș, A., Vlase, G., Vlase, T., Soica, C., Heghes, A., Craina, M., Ledeti, I., Comparative kinetic analysis on thermal degradation of some cephalosporins using TG and DSC data (2013) *Chemistry Central Journal*, 7 (1), art. no. 70, .
52. Fuliș, A., Ledeti, I., Vlase, G., Vlase, T., Physico-chemical solid-state characterization of pharmaceutical pyrazolones: An unexpected thermal behaviour, (2013) *Journal of Pharmaceutical and Biomedical Analysis*, 81-82, pp. 44-49.
53. Pop, N., Mogoș, A.M., Vlase, G., Vlase, T., Doca, N., Theoretic analysis and experimental evidence for relationships between the derivative thermogravimetric curves and the Gramm-Schmidt profiles, (2013) *Journal of Thermal Analysis and Calorimetry*, 113 (1), pp. 113-119.
54. Fuliș, A., Vlase, G., Grigorie, C., Ledeti, I., Albu, P., Bilanin, M., Vlase, T., Thermal behaviour studies of procaine and benzocaine: Part 1. Kinetic analysis of the active substances under non-isothermal conditions,(2013) *Journal of Thermal Analysis and Calorimetry*, 113 (1), pp. 265-271.
55. Fuliș, A., Ledeti, I., Vlase, G., Popoiu, C., Heghes, A., Bilanin, M., Vlase, T., Gheorgheosu, D., Craina, M., Ardelean, S., Ferechide, D., Mărginean, O., Moș, L., Thermal behaviour of procaine and benzocaine Part II: Compatibility study with some pharmaceutical excipients used in solid dosage forms, (2013) *Chemistry Central*

Journal, 7 (1), art. no. 140, .

56. Stefanescu, O., Vlase, G., Barbu, M., Barvinschi, P., Stefanescu, M., Preparation of CuFe₂O₄/SiO₂ nanocomposite starting from Cu(II)-Fe(III) carboxylates embedded in hybrid silica gels, (2013) *Journal of Thermal Analysis and Calorimetry*, 113 (3), pp. 1245-1253.
57. Bolcu, C., Vlase, G., Vlase, T., Albu, P., Doca, N., Şisu, E., Thermal behavior of some polyurethanes reticulated by aminated maltose, (2013) *Journal of Thermal Analysis and Calorimetry*, 113 (3), pp. 1409-1414.
58. Anghel, M., Vlase, G., Bilanin, M., Vlase, T., Albu, P., Fuliş, A., Tolan, I., Doca, N. Comparative study on the thermal behavior of two similar triterpenes from birch (2013) *Journal of Thermal Analysis and Calorimetry*, 113 (3), pp. 1379-1385.
59. Ledeti, I., Fuliş, A., Vlase, G., Vlase, T., Bercean, V., Doca, N., Thermal behaviour and kinetic study of some triazoles as potential anti-inflammatory agents, (2013) *Journal of Thermal Analysis and Calorimetry*, 114 (3), pp. 1295-1305.
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61. Bolcu, C., Modra, D., Vlase, G., Doca, N., Mihali, C., Vlase, T., Synthesis and thermal behavior of some diisocyanate-silane compounds, (2014) *Journal of Thermal Analysis and Calorimetry*, 115 (1), pp. 489-494.
62. Patrascu, J., Bedreag, O., Papurica, M., Biris, M., Ancusa, O., Onetiu, D., Vlase, G., Vlase, T., Sandesc, D., Compatibility of ester-type anesthetic agents with two polysaccharides, (2014) *Revista de Chimie*, 65 (8), pp. 921-924.
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 140. Paul Albu, Gabriela Vlase, Titus Vlase, Nicolae Doca, An attempt to determine the thermal induced degradation mechanism for zoledronic acid, an osseointegration agent, P11, Book of abstracts: AICAT-GICAT 2016 - September 25-28, 2016, Ischia (NA), Italy, p. 54
 141. Sorin Cristian Doca, Gabriela Vlase, Titus Vlase, Nicolae Doca, Thermally induced processes in alendronate-containing solid formulation, P12, Book of abstracts: AICAT-GICAT 2016 - September 25-28, 2016, Ischia (NA), Italy, p.56
 142. Adriana Ledeti, Gabriela Vlase, Titus Vlase, Denisa Circioban, Cristina Dehelean, Lenuta-Maria Suta, Ionut

- Ledeti. Binary mixtures of desipramine and excipients – compatibility studies. P17, Book of abstracts: AICAT-GICAT 2016 - September 25-28, 2016, Ischia (NA), Italy, p.61
143. Adriana Ledeti, Gabriela Vlase, Titus Vlase, Denisa Circioban, Cristina Dehelean, Lenuta-Maria Suta, Ionut Ledeti, Solid-state characterization of levodopa – preformulation studies. P18, Book of abstracts: AICAT-GICAT 2016 - September 25-28, 2016, Ischia (NA), Italy, p.62
144. Ionut Ledeti, Gabriela Vlase, Titus Vlase, Cristina Dehelean, Denisa Circioban, Lenuta-Maria Suta, Adriana Ledeti, Study of compatibility of donepezil and pharmaceutical excipients. P19, Book of abstracts: AICAT-GICAT 2016 - September 25-28, 2016, Ischia (NA), Italy, p.63
145. Ionut Ledeti, Gabriela Vlase, Titus Vlase, Cristina Dehelean, Denisa Circioban, Lenuta-Maria Suta, Adriana Ledeti. Nortriptyline-kinetic approach of thermal degradation, P20, Book of abstracts: AICAT-GICAT 2016 - September 25-28, 2016, Ischia (NA), Italy, p.64
146. Gabriela Vlase, Adriana Ledeti, Ionut Ledeti, Titus Vlase, Compatibility study of nortriptyline with some pharmaceutical excipients, P42, Book of abstracts: AICAT-GICAT 2016 - September 25-28, 2016, Ischia (NA), Italy, p.87
147. Gabriela Vlase, Adriana Ledeti, Ionut Ledeti, Titus Vlase. KINETIC STUDY OF THERMAL DEGRADATION OF LEVODOPA FROM DSC DATA, P43, Book of abstracts: AICAT-GICAT2016 - September 25-28, 2016, Ischia (NA), Italy, p.88
148. Roxana Blajovan, Adriana Ledeti, Gabriela Vlase, Ionuț Ledeti, Paul Albu, Titus Vlase. Study of thermal induced interactions between hidroxyethylcellulose and carboxymethylcellulose with different excipients, P44, Book of abstracts: AICAT-GICAT 2016 - September 25-28, 2016, Ischia (NA), Italy, p.89
149. Mihaela Budiul, Gabriela Vlase, Paul Albu, Adriana Ledeti, Ionuț Ledeti, Titus Vlase, Comparative thermal behavior and kinetic study of degradation for adamantan-2-one vs. memantine hydrochloride, P45, Book of abstracts: AICAT-GICAT 2016 - September 25-28, 2016, Ischia (NA), Italy, p.90
150. Adriana LEDEȚI , Denisa CIRCIOBAN , Gabriela VLASE , Angelica CAUNII , Lenuța-Maria ȘUTA , Titus VLASE, Ionuț LEDEȚI, Thermal analysis and kinetic study of deprenyl hydrochloride, Book of abstracts 4th Central and Eastern European Conference on Thermal Analysis and Calorimetry, 28-31 August 2017, Chișinău, Moldova
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166. Mihaela Cristea, Ionuț Ledetși, Adriana Ledetși, Gabriela Vlase, Titus Vlase, Bożena Karolewic, Oana Stefanescu, Mircea Stefanescu. Preformulation studies for atorvastatin – an instrumental approach. Book of Abstracts, 12th European Symposium on Thermal Analysis and Calorimetry (ESTAC12), 27-30 August 2018 -Braşov, Romania PS2. 140, p. 506
167. Laura Sbarcea, Adriana Ledetși, Lucreția Udrescu, Paul Barvinschi, Gabriela Vlase, Ionuț Ledetși. Characterization of Betulonic acid – cyclodextrins inclusion complexes. Book of Abstracts, 12th European Symposium on Thermal Analysis and Calorimetry (ESTAC12), 27-30 August 2018 -Braşov, Romania. PS2. 157, p. 523
168. Mircea Stefanescu, Cornelia Muntean, Eniko Berei, Titus Vlase, Oana Stefanescu. Preparation and characterization of CuCr2O4/SiO2 and Cu2Cr2O4/SiO2 nanocomposites obtained from carboxylate type complexes. Book of Abstracts, 12th European Symposium on Thermal Analysis and Calorimetry (ESTAC12), 27-30 August 2018 -Braşov, Romania PS1 163, p. 347
169. Mădălin BUNOIU¹, Gabriela VLASE², Ioan BICA¹, Titus VLASE. Study of thermal stability of some magnetorheometric elastomers. Book of Abstracts, 12th European Symposium on Thermal Analysis and Calorimetry (ESTAC12), 27-30 August 2018 -Braşov, Romania. PS2.160, p. 526
170. Moșoiu CODRUȚA¹, Stefana DEZSI¹, Dan VLASE², Mădălina MATEESCU¹, Gabriela VLASE¹, Titus VLASE. TG-DTA and FTIR analyses of roman and later historic mortars from Drobeta-Turnu Severin region. Book of Abstracts, 12th European Symposium on Thermal Analysis and Calorimetry (ESTAC12), 27-30 August 2018 -Braşov, Romania PS2.161, p. 527
171. Mădălina MATEESCU¹, Liviana POPESCU², Gabriela VLASE¹, Alexandru PAHOMI¹, Daniela JUMANCA², Titus VLASE. Comparative study regarding thermal behaviour of mixtures based on hydroxyapatite and methacrylate for dental use. Book of Abstracts, 12th European Symposium on Thermal Analysis and Calorimetry (ESTAC12), 27-30 August 2018 -Braşov, Romania. PS1.147, p. 331

172. Liviana POPESCU¹, Mădălina MATEESCU², Gabriela VLASE², Daniela JUMANCA¹, Titus VLASE. Study of thermally induced interactions between theobromine and various sweeteners. Book of Abstracts, 12th European Symposium on Thermal Analysis and Calorimetry (ESTAC12), 27-30 August 2018 -Braşov, Romania. PS1.147, p 331
173. Steliana DEZSI¹, Moşoiu CODRUȚA¹, Dan VLASE², Octavian Rogozea³, Gabriela VLASE¹, Titus VLASE. Thermoanalytical investigations of some ceramics dated from the Neolithic period, discovered at Oxamplat, Sânnăndrei, Romania. Book of Abstracts, 12th European Symposium on Thermal Analysis and Calorimetry (ESTAC12), 27-30 August 2018 -Braşov, Romania. PS2.162, p. 528
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175. Alexandra TOMA¹, Gabriela VLASE², Nicolae DOCA², Gheorghe ILIA^{1,3}, Titus VLASE. Synthesis and characterisation of some metals doped hydroxyapatite with possible medical applications. Book of Abstracts, 12th European Symposium on Thermal Analysis and Calorimetry (ESTAC12), 27-30 August 2018 -Braşov, Romania. PS1. 139, p.323
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178. Cosmina Bengescu, Anca Dragomirescu, Adriana Ledet, Mirabela Romanescu, Gabriela Vlas, Titus Vlas, Lenuţa-Maria Şuta, Denisa Cîrcioban, Cornelia Muntean, Ionuţ Ledet, 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
179. Valentina Buda, Gabriela Vlas, Titus Vlas, Anca Dragomirescu, Adriana Ledet, Minodora Andor, Corina Danciu, Ionuţ Ledet, Heterogenous degradation of candesartan – active pharmaceutical ingredient and solid dosage form, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timişoara, Romania, p. 36
180. Denisa Cîrcioban, Adriana Ledet, Gabriela Vlas, Ionuţ Ledet, Titus Vlas, 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
181. Anca Dragomirescu, Lenuţa-Maria Şuta, Cornelia Muntean, Adriana Ledet, Gabriela Vlas, Titus Vlas, Bianca Beatrice Baul, Lavinia Stelea, Ionuţ Ledet, Solid state stability of topical antibiotic pseudomonic acid used against superficial skin infections, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timişoara, Romania, p. 38
182. Adriana Ledet, Mirabela Romanescu, Gabriela Vlas, Titus Vlas, Cornelia Muntean, Anca Dragomirescu, Lenuţa-Maria Şuta, Denisa Cîrcioban, Cezara Mureşan, Ionuţ Ledet, Compatibility study of Desogestrel with pharmaceutical excipients in solid state, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timişoara, Romania, p. 39
183. Ionuţ Ledet, Sebastian Simu, Carmen Axente, Denisa Cîrcioban, Binca Baul, Gabriela Vlas, Titus Vlas, Anca Dragomirescu, Adriana Ledet, 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
184. Cezara Mureşan, Ionuţ Ledet, Gabriela Vlas, Titus Vlas, Anca Dragomirescu, Carmen Axente, Valentina Buda, Denisa Cîrcioban, Adriana Ledet, 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
185. Claudia Olteanu¹, Anamaria Todea¹, Adriana Ledet², Gabriela Vlas³, Titus Vlas³, Lenuţa-Maria Şuta², Anca Dragomirescu², Cornelia Muntean^{1,4}, Daniela Stoin⁵, Ionuţ Ledet, Preliminary characterization of some inclusion complexes of volatile oils with functionalised cyclodextrins, Book of Abstracts CATCAR28 & MoldTAC2, 9-10 May 2019, Timişoara, Romania, p. 42

186. 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
187. 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
188. 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
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190. 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
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v. **Lista contractelor unde am participat ca membru sau director.**

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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
Titlul proiectului: New non-toxic aromatic carboxylate derivatives with role in plant growth regulation: from synthesis and structural investigations to biological tests (CAREPLANT)/ Noi derivați carboxilici aromatici non-toxici cu rol în reglarea creșterii plantelor: de la sinteză și investigații structurale la teste biologice, *Director proiect: dr. Manuela Crisan, Suma finantata pentru pentru ICT (CO): 16.480 lei, Perioada: septembrie 2016- decembrie 2017*

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vii. [Articole/studii publicate în volumele unor manifestări științifice naționale cu participare internațională recunoscute](#)

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Prof. Dr.chim. Gabriela Vlase Dr. Habil

