

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.
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 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. 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.

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- II: Compatibility study with some pharmaceutical excipients used in solid dosage forms, (2013) *Chemistry Central Journal*, 7 (1), art. no. 140, .
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iv. Lista cărților

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3. N. Doca,Gabriela Vlase, T. Vlase, “Poluarea –Cauze, efecte, limitare” Ed. Mirton, Timișoara, 2003, I.S.B.N.: 973-661-192-2.
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5. Gabriela Vlase, Nicolae Doca, Titus Vlase, “Elemente de chimie coordinativă”, Ed. “MIRTON”. Timișoara 2009, (156 pagini), ISBN 978-973-52-0580-5
6. Gabriela Vlase, Corina Duda-Seiman, Metode fizico-chimice de analiza a substanțelor cu activitate biologică, , Ed. Mirton, Timisoara 2012, ISBN: 978-973-52-1211-7 (70 pag.)
7. Titus Vlase, Gabriela Vlase, Nicolae Doca, “Poluanți Anorganici: Surse, Analize, Diminuare” Ed. Mirton Timișoara 2012, ISBN: 978-973-52-1220-9 (150 pag.)

v. Lista contractelor unde am participat ca membru sau director.

1. Contract C.N.C.Ș.U. 21/1998 4/28, cu titlul: “Transferul selectiv de energie între faza gazoasă și cea solidă: aplicații la comportarea catalitică și la efectele de suport ale heteropoliacizilor”(Director proiect Prof.dr.ing.N.Doca).
2. Contract C.N.C.S.Î.S 1999, cod 95, comisia 1, cu titlul: “Transferul selectiv de energie între faza gazoasă și cea solidă: aplicații la efectele de suport și la descompunerea unor precursori complecși.”(Director proiect Prof.dr.ing.N.Doca).
3. Contract 3525/2000 tema 12 cod 835”Transferul energetic selectiv interfazic; Aplicații privind efectul de suport și la descompunerea unor precursori”(Director proiect Prof.dr.ing.N.Doca).
4. Contract 2001 tema 16 cod 372 „Cinetica de neechilibru. Studiul transferului energetic selectiv”, (Director proiect Prof. dr.ing .N.Doca).
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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7. Contract C.N.C.S.I.S./2003 tema 2 cod 869 „Stabilitatea termică a substanțelor de interes farmacologic și alimentar”,(Director proiect Prof. dr.ing . N.Doca).
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9. GRANT C.N.C.S.I.S. 2005, cod 869, „Stabilitatea termică a substanțelor de interes farmacologic și alimentar”.

10. Contract CEEEX-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 CEEEX-ET 5861/18.09.2006-2008 încheiat între UVT și MEcC-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 CNCISIS 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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15. Young Teams research project- PNII-RU-TE-2014-4-0515 “Neurodegeneration and brain diseases: A new instrumental approach to analysis and development of pharmaceutical forms”.

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

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 14. Vlase, T., Vlase, G., Chiriac, A., Doca, N., "Processing of the TG data by using the NPK methods", *Annals of West University of Timișoara, ser. chem*, 12(3) (2003) 305 – 310
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 2. Vlase T., Jurca G., Doca N., "The influence of concentration and anion nature of the support effect", a X-a Conf. de Chimie Fizică, 26-29 Sept.2000, Iași, (rezumat)
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Semnătura

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