

ACTIVITATE ȘTIINȚIFICĂ

i. Articole ISI Conf. dr. Gabriela Vlase Dr. Habil

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	Title	Authors	Source Title	Publication Year	Volume	Issue	Beginning Page	Ending Page	Article Number	DOI	Corresp	First	RevSt r.	IF/2016
1	Support effect in the thermal decomposition of some catalyst precursors	Vlase, T; Jurca, G; Doca, N	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1999	56	1	331	336		10.1023/A:101046516774			1	1,953
2	The effect of the support by the thermal decomposition of some catalyst precursors	Vlase, T; Jurca, G; Doca, N	THERMOCHIMICA ACTA	2001	379	1-2	59	63		10.1016/S0040-6031(01)00602-5			1	2,236
3	Non-isothermal kinetics by decomposition of some catalyst precursors	Vlase, T; Jurca, G; Doca, N	THERMOCHIMICA ACTA	2001	379	1-2	65	69		10.1016/S0040-6031(01)00603-7			1	2,236
4	Some criteria for deciding upon the support effect	Vlase, T; Jurca, G; Doca, N	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2002	67	3	597	603		10.1023/A:1014344502777			1	1,953
5	Specificity of decomposition of solids in non-isothermal conditions	Vlase, T; Vlase, G; Doca, M; Doca, N	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2003	72	2	597	604		10.1023/A:1024537902405			1	1,953
6	Decomposition of organic salts of some d and f metals - Non-isothermal kinetics and FT-IR studies	Vlase, T; Vlase, G; Chiriac, A; Doca, N	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2003	72	3	839	845		10.1023/A:1025066131365			1	1,953
7	The influence of concentration and anion nature on the support effect	Vlase, T; Vlase, G; Chiriac, A; Doca, N	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2003	72	3	847	853		10.1023/A:1025018215435			1	1,953
8	Compensation effect in solid state reactions, a consequence of selective activation at the vibrational level	Doca, N; Vlase, T; Vlase, G	REVUE ROUMAINE DE CHIMIE	2003	48	12	955	959						0,246

9	Processing of non-isothermal TG data - Comparative kinetic analysis with NPK method	Vlase, T; Vlase, G; Docu, N; Bolcu, C	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2005	80	1	59	64		10.1007/s10973-005-0613-x			1	1,953
10	About compensation effect by thermal decomposition of some catalyst precursors	Vlase, T; Vlase, G; Chiriac, A; Docu, N	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2005	80	1	87	90		10.1007/s10973-005-0618-5			1	1,953
11	Kinetics of thermal decomposition of alkaline phosphates	Vlase, T; Vlase, G; Docu, N	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2005	80	1	207	210		10.1007/s10973-005-0637-2			1	1,953
12	Thermal stability of food additives of glutamate and benzoate type	Vlase, T; Vlase, G; Docu, N	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2005	80	2	425	428		10.1007/s10973-005-0671-0			1	1,953
13	Preparation, degradation of polyaniline doped with organic phosphorus acids and corrosion essays of poly aniline-acrylic blends	Plesu, N; Ilia, G; Pascariu, A; Vlase, G	SYNTHETIC METALS	2006	156	2-4	230	238		10.1016/j.syntmet.2005.11.006			1	2,435
14	Kinetics of decomposition of different acid calcium phosphates	Ioitescu, Alexandra Ioana; Vlase, Gabriela; Vlase, T.; Docu, N.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2007	88	1	121	125		10.1007/s10973-006-8022-3			1	1,953
15	Thermal behaviour of some industrial and food dyes	Vlase, T.; Vlase, Gabriela; Modra, Dorina; Docu, N.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2007	88	2	389	393		10.1007/s10973-006-8013-4			1	1,953
16	Decomposition kinetic of a synthetic oil adsorbed on different silico-alumina	Feher, Loredana; Jurconi, B.; Vlase, Gabriela; Vlase, T.; Docu, N.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2007	88	3	621	624		10.1007/s10973-006-8015-2			1	1,953
17	Comparative results of kinetic data obtained with different methods for complex decomposition steps	Vlase, T.; Vlase, Gabriela; Birta, Nicoleta; Docu, N.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2007	88	3	631	635		10.1007/s10973-006-8019-y			1	1,953
18	Kinetic of decomposition of some complexes under non-isothermal conditions	Vlase, Gabriela; Vlase, T.; Tudose, Ramona; Costisor, Otilia; Docu, N.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2007	88	3	637	640		10.1007/x10973-006-8020-5		1	1	1,953
19	Basestock oils for lubricants from mixtures of corn oil and synthetic diesters	Pop, Loredana; Puscas, Cosmina; Bandur, Geza; Vlase, Gabriela; Nutiu, Remus	JOURNAL OF THE AMERICAN OIL CHEMISTS SOCIETY	2008	85	1	71	76		10.1007/s11746-007-1156-z			1	1,421

20	Kinetics of non-isothermal decomposition of three irganox-type antioxidants	Vlase, T.; Docă, N.; Vlase, Gabriela; Bolcu, C.; Borcan, F.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2008	92	1	15	18		10.1007/s10973-007-8726-z			1	1,953
21	Thermal behavior of some phenitoine pharmaceuticals	Vlase, Gabriela; Vlase, T.; Docă, N.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2008	92	1	259	262		10.1007/s10973-007-8727-y		1	1	1,953
22	Compensation effect as a consequence of vibrational energy transfer in homogeneous and isotropic heat field	Pop, Nicolina; Vlase, Gabriela; Vlase, T.; Docă, N.; Mogos, A.; Ioițescu, A.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2008	92	1	313	317		10.1007/s10973-007-8723-2			1	1,953
23	Kinetic of sorbitol decomposition under non-isothermal conditions	Birta, Nicoleta; Docă, N.; Vlase, Gabriela; Vlase, T.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2008	92	2	635	638		10.1007/s10973-007-7938-6			1	1,953
24	THERMAL BEHAVIOR OF Cd(2+) AND Co(2+) PHENYL-VINYL-PHOSPHONATES UNDER NON-ISOTHERMAL CONDITION	Docă, N.; Vlase, Gabriela; Vlase, T.; Ilia, G.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2008	94	2	441	445		10.1007/s10973-008-9347-x			1	1,953
25	Comparative kinetic study of decomposition of some diazepine derivatives under isothermal and non-isothermal conditions	Tita, B.; Marian, Eleonora; Tita, D.; Vlase, Gabriela; Docă, N.; Vlase, T.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2008	94	2	447	452		10.1007/s10973-008-9146-4			1	1,953
26	Synthesis and characterization of hydroxyapatite obtained from different organic precursors by sol-gel method	Ioițescu, Alexandra Ioana; Vlase, Gabriela; Vlase, T.; Ilia, G.; Docă, N.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2009	96	3	937	942		10.1007/s10973-009-0044-1			1	1,953
27	Coupled thermogravimetric-IR techniques and kinetic analysis by non-isothermal decomposition of Cd(2+) and Co(2+) vinyl-phosphonates	Vlase, T.; Vlase, Gabriela; Docă, N.; Ilia, G.; Fuliș, Adriana	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2009	97	2	467	472		10.1007/s10973-009-0219-9			1	1,953
28	Thermal behavior of a sol-gel system containing aniline and organic phosphonates	Vlase, G.; Vlase, T.; Docă, N.; Perta, M.; Ilia, G.; Plesu, N.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2009	97	2	473	478		10.1007/s10973-009-0216-z		1	1	1,953

29	TG, EGA and kinetic study by non-isothermal decomposition of a polyaniline with different dispersion degree	Doca, N.; Vlase, G.; Vlase, T.; Perta, M.; Ilia, G.; Plesu, N.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2009	97	2	479	484		10.1007/s10973-009-0217-y			1	1,953
30	Study on the mechanism of the selective activation of solids in a homogeneous and isotropic thermal field	Pop, Nicolina; Vlase, Gabriela; Vlase, T.; Doca, N.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2009	97	2	667	671		10.1007/s10973-008-9671-1			1	1,953
31	Estimation of Flame Retardancy Effect by Thermal Analysis Using Kinetic Parameters Obtained under Non-Isothermal Conditions in Air	Vlase, Gabriela; Vlase, Titus; Doca, Nicolae; Ilia, Gheorghe	CHINESE JOURNAL OF CHEMISTRY	2009	27	10	191	192				1	1	1,852
32	SYNTHESIS AND CHARACTERIZATION OF POLY(VINYL ALCOHOL)/ETHYLENE GLYCOL/SILICA HYBRIDS. THERMAL ANALYSIS AND FT-IR STUDY	Stefanescu, Mircea; Stoia, Marcela; Stefanescu, Oana; Davidescu, Corneliu; Vlase, Gabriela; Sfirloaga, Paula	REVUE ROUMAINE DE CHIMIE	2010	55	1	17	23						0,246
33	Thermooxidative stabilization of a MDI	Vlase, Titus; Bolcu, Constantin; Vlase, Gabriela; Mogos, Alin; Doca, Nicolae	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2010	99	3	973	979		10.1007/s10973-009-0536-z			1	1,953
34	Thermal behaviour of cephalixin in different mixtures	Fulias, Adriana; Vlase, Titus; Vlase, Gabriela; Doca, Nicolae	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2010	99	3	987	992		10.1007/s10973-010-0708-x			1	1,953
35	Thermal behavior of titania grafted with phosphonic acids under non-isothermal conditions	Ilia, Gheorghe; Drehe, Madalina; Vlase, Titus; Vlase, Gabriela; Macarie, Lavinia; Doca, Nicolae	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2010	100	3	917	923		10.1007/s10973-009-0381-0			1	1,953
36	THERMAL STUDY OF CEFOPERAZONE MONOHYDRATE	Fulias, Adriana; Vlase, Gabriela; Vlase, Titus; Tita, Bogdan; Tita, Dumitru; Doca, Nicolae	REVUE ROUMAINE DE CHIMIE	2010	55	8	481	486						0,246

37	Thermo-oxidative Degradation of Polymers Containing Phosphorus in the Main Chain	Vlase, Titus; Vlase, Gabriela; Doca, Nicolae; Iliescu, Smaranda; Ilia, Gheorghe	HIGH PERFORMANCE POLYMERS	2010	22	7	863	875		10.1177/0954008310364423			1	1,179
38	THERMAL BEHAVIOUR OF ACTIVE COMPOUNDS VERSUS PHARMACEUTICAL COMPOUNDS FOR SOME BENZODIAZEPINES	Tita, Dumitru; Fulias, Adriana; Tita, Bogdan; Vlase, Gabriela; Vlase, Titus; Doca, Nicolae	REVUE ROUMAINE DE CHIMIE	2010	55	11-12	104	7 +						0,246
39	Thermoanalytical Study of Cefadroxil and its Mixtures with Different Excipients	Fulias, Adriana; Vlase, Titus; Vlase, Gabriela; Szabadai, Zoltan; Rusu, Gerlinde; Bandur, Geza; Tita, Dumitru; Doca, Nicolae	REVISTA DE CHIMIE	2010	61	12	120	2 120	6					1,232
40	Synthesis and characterization of new hydroxycarboxylate compounds obtained in the redox reaction between Fe(NO ₃)(3) and diol	Stefanescu, O.; Vlase, T.; Vlase, G.; Doca, N.; Stefanescu, M.	THERMOCHIMICA ACTA	2011	519	1-2	22	27		10.1016/j.tca.2011.02.024			1	2,236
41	Thermal analysis study of amlodipine as pure compound and in binary mixture	Duda-Seiman, Corina; Vlase, T.; Vlase, Gabriela; Duda-Seiman, D.; Albu, P.; Doca, N.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2011	105	2	677	683		10.1007/s10973-011-1431-y			1	1,953
42	Kinetics of degradation under non-isothermal conditions of a thermooxidative stabilized polyurethane	Albu, P.; Bolcu, C.; Vlase, Gabriela; Doca, N.; Vlase, T.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2011	105	2	685	689		10.1007/s10973-011-1497-6			1	1,953
43	Thermal behavior of verapamil in pure and in solid dosage forms	Duda-Seiman, Corina; Vlase, T.; Vlase, Gabriela; Cincea, Rodica; Anghel, Mariana; Doca, N.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2011	105	3	851	858		10.1007/s10973-011-1460-6			1	1,953
44	THERMAL STABILITY AND BIOLOGICAL INTERACTIONS OF SOME CEPHALOSPORINS	Fulias, Adriana; Bobric, Alina; Vlase, Gabriela; Vlase, Titus; Doca, Nicolae	REVUE ROUMAINE DE CHIMIE	2011	56	10-11	959	966						0,246

45	THERMAL DECOMPOSITION KINETICS OF CEFADROXIL	Fulias, Adriana; Doca, Nicolae; Vlase, Gabriela; Tita, Bogdan; Tita, Dumitru; Vlase, Titus	REVUE ROUMAINE DE CHIMIE	2011	56	10-11	967	973						0,246
46	Silica matrices for embedding of magnetic nanoparticles	Stoia, Marcela; Stefanescu, Oana; Vlase, Gabriela; Barbu-Tudoran, Lucian; Barbu, Mirela; Stefanescu, Mircea	JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY	2012	62	1	31	40		10.1007/s10971-012-2679-9			1	1,575
47	New synthesis method for M(II) chromites/silica nanocomposites by thermal decomposition of some precursors formed inside the silica gels	Barbu, Mirela; Stefanescu, Mircea; Stoia, Marcela; Vlase, Gabriela; Barvinschi, Paul	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2012	108	3	105 9	106 6		10.1007/s10973-011-1933-7			1	1,953
48	HYPHENATED TECHNIQUES USED BY EVALUATION OF THE THERMAL BEHAVIOUR OF GLYCYRRHETINIC ACID	Anghel, Mariana; Vlase, Titus; Vlase, Gabriela; Albu, Paul; Doca, Nicolae; Tolan, Iolanda; Mracec, Mircea	REVUE ROUMAINE DE CHIMIE	2012	57	7-8	747	753				1		0,246
49	NOVEL TRIAZOLIC COPPER (II) COMPLEX: SYNTHESIS, THERMAL BEHAVIOUR AND KINETIC STUDY	Ledeti, Ionut; Fulias, Adriana; Vlase, Gabriela; Vlase, Titus; Doca, Nicolae	REVUE ROUMAINE DE CHIMIE	2013	58	4-5	441	450						0,246
50	Comparative kinetic analysis on thermal degradation of some cephalosporins using TG and DSC data	Fulias, Adriana; Vlase, Gabriela; Vlase, Titus; Soica, Codruta; Heghes, Alina; Craina, Marius; Heghes, Alina; Ledeti, Ionut	CHEMISTRY CENTRAL JOURNAL	2013	7				70	10.1186/1752-153X-7-70		1	1	2,442
51	Physico-chemical solid-state characterization of pharmaceutical pyrazolones: An unexpected thermal behaviour	Fulias, Adriana; Ledeti, Ionut; Vlase, Gabriela; Vlase, Titus	JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS	2013	81-82		44	49		10.1016/j.jpba.2013.03.018			1	3,255

52	Theoretic analysis and experimental evidence for relationships between the derivative thermogravimetric curves and the Gram-Schmidt profiles	Pop, N.; Mogos, A. M.; Vlase, Gabriela; Vlase, T.; Doca, N.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2013	113	1	113	119		10.1007/s10973-013-2967-9			1	1,953
53	Thermal behaviour studies of procaine and benzocaine Part 1. Kinetic analysis of the active substances under non-isothermal conditions	Fulias, Adriana; Vlase, Gabriela; Grigorie, Carmen; Ledeti, Ionut; Albu, Paul; Bilanin, Mihai; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2013	113	1	265	271		10.1007/s10973-013-2959-9	1		1	1,953
54	Thermal behaviour of procaine and benzocaine Part II: compatibility study with some pharmaceutical excipients used in solid dosage forms	Fulias, Adriana; Ledeti, Ionut; Vlase, Gabriela; Popoiu, Calin; Heghes, Alina; Bilanin, Mihai; Vlase, Titus; Gheorgheosu, Dorina; Craina, Marius; Ardelean, Simona; Ferechide, Dumitru; Marginean, Otilia; Mos, Liana	CHEMISTRY CENTRAL JOURNAL	2013	7				140	10.1186/1752-153X-7-140			1	2,442
55	Preparation of CuFe ₂ O ₄ /SiO ₂ nanocomposite starting from Cu(II)-Fe(III) carboxylates embedded in hybrid silica gels	Stefanescu, O.; Vlase, G.; Barbu, M.; Barvinschi, P.; Stefanescu, M.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2013	113	3	124	125		10.1007/s10973-013-2938-1			1	1,953
56	Comparative study on the thermal behavior of two similar triterpenes from birch	Anghel, Mariana; Vlase, Gabriela; Bilanin, Mihai; Vlase, Titus; Albu, Paul; Fulias, Adriana; Tolan, Iolanda; Doca, Nicolae	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2013	113	3	137	138		10.1007/s10973-013-3203-3	1		1	1,953
57	Thermal behavior of some polyurethanes reticulated by aminated maltose	Bolcu, Constantin; Vlase, Gabriela; Vlase, Titus; Albu, Paul; Doca, Nicolae; Sisu, Eugen	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2013	113	3	140	141		10.1007/s10973-013-3177-1			1	1,953
58	Challenges in education in thermal analysis and calorimetry	Verma, Ranjit K.; Kristof, J.; Pijolat, Michele; Grenet, J.; Doca, N.; Vlase, T.; Vlase, G.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2013	113	3	167	167		10.1007/s10973-013-3135-y			1	1,953

59	Synthesis and Solid-State Characterization of Zn(II) Metal Complex with Acetaminophen	Ledeti, Ionut; Simu, Georgeta; Vlase, Gabriela; Savoiu, Germaine; Vlase, Titus; Suta, Lenuta-Maria; Popoiu, Calin; Fulias, Adriana	REVISTA DE CHIMIE	2013	64	10	1127	1130						1,232
60	Thermal behaviour and kinetic study of some triazoles as potential anti-inflammatory agents	Ledeti, Ionut; Fulias, Adriana; Vlase, Gabriela; Vlase, Titus; Bercean, Vasile; Doca, Nicolae	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2013	114	3	1295	1305		10.1007/s10973-013-3123-2			1	1,953
61	Synthesis and thermal behavior of some diisocyanate-silane compounds	Bolcu, Constantin; Modra, Dorina; Vlase, Gabriela; Doca, Nicolae; Mihali, Ciprian; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2014	115	1	489	494		10.1007/s10973-013-3187-z			1	1,953
62	THERMOANALYTICAL AND SPECTROSCOPIC STUDY ON METHOTREXATE - ACTIVE SUBSTANCE AND TABLET	Fulias, A.; Popoiu, C.; Vlase, G.; Vlase, T.; Onetiu, D.; Savoiu, G.; Simu, G.; Patrutescu, C.; Iliu, Gheorghe; Ledeti, I.	DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES	2014	9	1	93	98					1	0,836
63	Physicochemical Analysis and Molecular Modeling of the Fosinopril beta-Cyclodextrin Inclusion Complex	Udrescu, Lucretia; Sbarcea, Laura; Fulias, Adriana; Ledeti, Ionut; Vlase, Gabriela; Barvinschi, Paul; Kurunczi, Ludovic	JOURNAL OF SPECTROSCOPY	2014					748468	10.1155/2014/748468			1	0,761
64	Ni(II) Coordination Compound with Acetaminophen Synthesis and Characterization	Ledeti, Ionut; Simu, Georgeta; Vlase, Gabriela; Vlase, Titus; Olariu, Tudor; Savoiu, Germaine; Suta, Lenuta-Maria; Popoiu, Calin; Fulias, Adriana	REVISTA DE CHIMIE	2014	65	5	556	559						1,232
65	Synthesis and Solid - state Characterization of a Cobalt(II) Triazollic Complex	Ledeti, Ionut; Vlase, Titus; Vlase, Gabriela; Suta, Lenuta-Maria; Fulias, Adriana; Belu, Ionela	REVISTA DE CHIMIE	2014	65	8	897	902						1,232

66	Compatibility of Ester-type Anesthetic Agents with Two Polysaccharides	Patrascu, Jenel; Bedreag, Ovidiu; Papurica, Marius; Biris, Marius; Ancusa, Oana; Onetiu, Daniela; Vlase, Gabriela; Vlase, Titus; Sandesc, Dorel	REVISTA DE CHIMIE	2014	65	8	921	924						1,232
67	Solid-State Analysis of Some Urinary Calculi	Pupca, Gheorghe; Bucuras, Viorel; Vlase, Gabriela; Vlase, Titus; Fulias, Adriana; Ledeti, Ionut	REVISTA DE CHIMIE	2014	65	9	105 8	106 2						1,232
68	Thermal behaviour of a modified encapsulation agent Heptakis-6-iodo-6-deoxy-beta-cyclodextrin	Fulias, Adriana; Vlase, Gabriela; Soica, Codruta; Bercean, Vasile; Vlase, Titus; Ledeti, Ionut	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2014	118	2	961	966	10.1007/s10973-014-3727-1				1	1,953
69	Thermal degradation of B-group vitamins: B-1, B-2 and B-6	Fulias, Adriana; Vlase, Gabriela; Vlase, Titus; Onetiu, Daniela; Doca, Nicolae; Ledeti, Ionut	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2014	118	2	103 3	103 8	10.1007/s10973-014-3847-7	1			1	1,953
70	Thermal decomposition, kinetic study and evolved gas analysis of 1,3,5-triazine-2,4,6-triamine	Ledeti, Ionut; Vlase, Gabriela; Vlase, Titus; Doca, Nicolae; Bercean, Vasile; Fulias, Adriana	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2014	118	2	105 7	106 3	10.1007/s10973-014-3848-6	1			1	1,953
71	Synthesis and thermal behavior of new ambazone complexes with some transitional cations	Soica, Codruta; Fulias, Adriana; Vlase, Gabriela; Dehelean, Cristina; Vlase, Titus; Ledeti, Ionut	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2014	118	2	130 5	131 1	10.1007/s10973-014-3858-4				1	1,953
72	Characterization of Pharmaceutical Acetylsalicylic Acid - theophylline Cocrystal Obtained by Slurry Method Under Microwave Irradiation	Fulias, Adriana; Soica, Codruta; Ledeti, Ionut; Vlase, Titus; Vlase, Gabriela; Suta, Lenuta-Maria; Belu, Ionela	REVISTA DE CHIMIE	2014	65	11	128 1	128 4						1,232
73	Synthesis and Degradation of Schiff Bases Containing Heterocyclic Pharmacophore	Ledeti, Ionut; Alexa, Anda; Bercean, Vasile; Vlase, Gabriela; Vlase, Titus; Suta, Lenuta-Maria; Fulias,	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2015	16	1	171 1	172 7	10.3390/ijms16011711				1	3,226

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74	Host - guest System of Zofenopril and Randomly Methylated beta - cyclodextrin Preparation, characterization and solubility	Udrescu, Lucretia; Fulias, Adriana; Ledeti, Ionut; Vlase, Gabriela; Barvinschi, Paul; Kurunczi, Ludovic; Sbarcea, Laura	REVISTA DE CHIMIE	2015	66	1	17	20						1,232
75	Analysis of Solid Binary Systems Containing Simvastatin	Ledeti, Ionut; Vlase, Gabriela; Ciucanu, Ionel; Olariu, Tudor; Fulias, Adriana; Suta, Lenuta-Maria; Belu, Ionela	REVISTA DE CHIMIE	2015	66	2	240	243						1,232
76	Study of Solid - State Behaviour of Some Human Gallstones	Ivan, Codrut; Ledeti, Ionut; Vlase, Gabriela; Vlase, Titus; Fulias, Adriana; Olariu, Sorin	REVISTA DE CHIMIE	2015	66	2	265	270						1,232
77	THERMAL BEHAVIOUR AND DRUG-EXCIPIENT INTERACTION STUDIES FOR QUINIDINE	Albu, Paul; Mogos, Alin; Vlase, Gabriela; Vlase, Titus	REVUE ROUMAINE DE CHIMIE	2015	60	5-6	587	593						0,246
78	Instrumental Analysis of Potential Lovastatin - excipient Interactions in Preformulation Studies	Ledeti, Ionut; Vlase, Gabriela; Vlase, Titus; Ciucanu, Ionel; Olariu, Tudor; Todea, Anamaria; Fulias, Adriana; Suta, Lenuta-Maria	REVISTA DE CHIMIE	2015	66	6	879	882						1,232
79	Thermal Characterization of Polymeric Coatings for Pharmaceutical Dosage Forms	Fulias, Adriana; Vlase, Gabriela; Todea, Anamaria; Vlase, Titus; Ledeti, Ionut	MACROMOLECULAR SYMPOSIA	2015	352	1	59	65		10.1002/masy.201400154			1	0,913
80	Obtaining of NiO/SiO ₂ by thermal decomposition of Ni(II) carboxylates formed within hybrid silica gels	Stefanescu, Mircea; Sorescu, Simona; Susan-Resiga, Daniela; Stefanescu, Oana; Vlase, Gabriela	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2015	121	1	135	144		10.1007/s10973-015-4485-4			1	1,953

81	Local Anesthetic Agents III. Study of solid dosage forms with pharmaceutical excipients	Popovici, Amina Ramona; Vlase, Gabriela; Vlase, Titus; Suta, Lenuta-Maria; Popoiu, Calin; Ledeti, Ionut; Iovanescu, Gheorghe; Fulias, Adriana	REVISTA DE CHIMIE	2015	66	7	104 6	105 1						1,232
82	Preliminary Kinetic Study for Heterogenous Degradation of Cholesterol - Containing Human Biliary Stones	Ivan, Codrut; Suta, Lenuta-Maria; Olariu, Tudor; Ledeti, Ionut; Vlase, Gabriela; Vlase, Titus; Olariu, Sorin; Matusz, Petru; Fulias, Adriana	REVISTA DE CHIMIE	2015	66	8	125 3	125 5						1,232
83	TG/DTG/DTA data used for determining the kinetic parameters of the thermal degradation process of an immunosuppressive agent: mycophenolate mofetil	Patrutescu, Cristina; Vlase, Gabriela; Turcus, Violeta; Ardelean, Dorina; Vlase, Titus; Albu, Paul	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2015	121	3	983	988		10.1007/s10973-015-4620-2	1		1	1,953
84	Influence of the nature of the chain breaker on the thermal stability of phthalic anhydride-based polyesters	Modra, Dorina; Vlase, Gabriela; Albu, Paul; Bolcu, Constantin; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2015	121	3	102 1	103 0		10.1007/s10973-015-4764-0			1	1,953
85	Thermal behaviour of the polyesters obtained with different molar ratios of carboxyl hydroxyl components	Albu, Paul; Vlase, Gabriela; Modra, Dorina; Bolcu, Constantin; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2015	121	3	103 1	103 7		10.1007/s10973-015-4783-x			1	1,953
86	Kinetic of solid-state degradation of transitional coordinative compounds containing functionalized 1,2,4-triazolic ligand	Ledeti, Ionut; Vlase, Gabriela; Vlase, Titus; Bercean, Vasile; Fulias, Adriana	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2015	121	3	104 9	105 7		10.1007/s10973-015-4520-5	1		1	1,953
87	Screening and characterization of cocrystal formation between carbamazepine and succinic acid	Fulias, Adriana; Vlase, Gabriela; Vlase, Titus; Suta, Lenuta-Maria; Soica, Codruta; Ledeti, Ionut	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2015	121	3	108 1	108 6		10.1007/s10973-015-4473-8			1	1,953

88	Ketoprofen-cysteine equimolar salt Synthesis, thermal analysis, PXRD and FTIR spectroscopy investigation	Fulias, Adriana; Vlase, Gabriela; Ledeti, Ionut; Suta, Lenuta-Maria	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2015	121	3	108 7	109 1		10.1007/s10973-015-4516-1			1	1,953
89	Selection of solid-state excipients for simvastatin dosage forms through thermal and nonthermal techniques	Ledeti, Ionut; Vlase, Gabriela; Vlase, Titus; Suta, Lenuta-Maria; Todea, Anamaria; Fulias, Adriana	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2015	121	3	109 3	110 2		10.1007/s10973-015-4832-5			1	1,953
90	Kinetic analysis of solid-state degradation of pure pravastatin versus pharmaceutical formulation	Ledeti, Ionut; Vlase, Gabriela; Vlase, Titus; Fulias, Adriana	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2015	121	3	110 3	111 0		10.1007/s10973-015-4842-3			1	1,953
91	Solid-State Characterization and Biological Activity of Betulonic Acid Derivatives	Ledeti, Ionut; Avram, Stefana; Bercean, Vasile; Vlase, Gabriela; Vlase, Titus; Ledeti, Adriana; Zupko, Istvan; Mioc, Marius; Suta, Lenuta-Maria; Soica, Codruta; Dehelean, Cristina	MOLECULES	2015	20	12	226 91	227 02		10.3390/molecules201219876			1	2,861
92	Synthesis and Physico-chemical Characterization of Theophylline-succinic Acid Binary Adduct	Circioban, Denisa; Dehelean, Cristina; Suta, Lenuta-Maria; Murariu, Marius; Vlase, Gabriela; Nita, Lucian; Soica, Codruta; Fulias, Adriana	REVISTA DE CHIMIE	2015	66	12	198 2	198 5						1,232
93	Thermal Characterization of Cholesterol in Air vs. Nitrogen Atmosphere	Suta, Lenuta-Maria; Vlase, Gabriela; Vlase, Titus; Savoiu-Balint, Germaine; Olariu, Tudor; Belu, Ionela; Ledeti, Adriana; Murariu, Marius-Sorin; Stelea, Lavinia; Ledeti, Ionut	REVISTA DE CHIMIE	2016	67	1	84	86						1,232

94	Solid State Stability of Cholesterol Preliminary kinetic analysis	Suta, Lenuta-Maria; Vlase, Gabriela; Vlase, Titus; Olariu, Tudor; Ledeti, Ionut; Belu, Ionela; Ivan, Codrut; Sarau, Cristian-Andrei; Savoiu-Balint, Germaine; Stelea, Lavinia; Ledeti, Adriana	REVISTA DE CHIMIE	2016	67	1	113	115						1,232
95	Solid-State Thermal Behaviour of Cholic Acid	Suta, Lenuta Maria; Vlase, Gabriela; Ledeti, Adriana; Vlase, Titus; Matusz, Petru; Trandafirescu, Cristina; Circioban, Denisa; Olariu, Sorin; Ivan, Codrut; Murariu, Marius-Sorin; Stelea, Lavinia; Ledeti, Ionut	REVISTA DE CHIMIE	2016	67	2	329	331						1,232
96	Thermal Stability of Desipramine and Imipramine	Ledeti, Adriana; Vlase, Gabriela; Ledeti, Ionut; Vlase, Titus; Matusz, Petru; Dehelean, Cristina; Circioban, Denisa; Stelea, Lavinia; Suta, Lenuta Maria	REVISTA DE CHIMIE	2016	67	2	336	338						1,232
97	Non-isothermal Isoconversional Kinetic Study Regarding the Degradation of Albendazole	Ledeti, Ionut; Vlase, Gabriela; Vlase, Titus; Murariu, Marius; Trandafirescu, Cristina; Soica, Codruta; Suta, Lenuta Maria; Dehelean, Cristina; Ledeti, Adriana	REVISTA DE CHIMIE	2016	67	3	549	552						1,232
98	Correlations Between Morphology and Instrumental Analysis of Human Gallstones - Preliminary Study	Murariu, Marius Sorin; Olariu, Sorin; Ivan, Codrut; Ledeti, Ionut; Vlase, Titus; Vlase, Gabriela; Ledeti, Adriana; Iacob, Nicoleta; Miclaus, Gratian D.; Matusz, Petru	REVISTA DE CHIMIE	2016	67	3	575	579						1,232

99	Thermal stability of synthetic thyroid hormone L-thyroxine and L-thyroxine sodium salt hydrate both pure and in pharmaceutical formulations	Ledeti, Ionut; Ledeti, Adriana; Vlase, Gabriela; Vlase, Titus; Matusz, Petru; Bercean, Vasile; Suta, Lenuta-Maria; Piciu, Doina	JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS	2016	125		33	40		10.1016/j.jpba.2016.03.026			1	3,255
100	Thermal degradation, kinetic analysis, and apoptosis induction in human melanoma for oleanolic and ursolic acids	Fulias, Adriana; Ledeti, Ionut; Vlase, Gabriela; Vlase, Titus; Soica, Codruta; Dehelean, Cristina; Oprean, Camelia; Bojin, Florina; Suta, Lenuta-Maria; Bercean, Vasile; Avram, Stefana	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2016	125	2	759	768		10.1007/s10973-015-5052-8			1	1,953
101	Comparative thermal stability of two similar-structure hypolipidemic agents Simvastatin and Lovastatin-kinetic study	Ledeti, Ionut; Vlase, Gabriela; Vlase, Titus; Fulias, Adriana; Suta, Lenuta-Maria	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2016	125	2	769	775		10.1007/s10973-015-5071-5			1	1,953
102	Betulonic acid Study of thermal degradation by kinetic approach	Ledeti, Ionut; Bercean, Vasile; Vlase, Gabriela; Vlase, Titus; Ledeti, Adriana; Suta, Lenuta-Maria	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2016	125	2	785	791		10.1007/s10973-016-5299-8			1	1,953
103	Study of thermal induced excipient-excipient interactions	Blajovan, Roxana; Ledeti, Ionut; Vlase, Gabriela; Ledeti, Adriana; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2016	126	1	171	179		10.1007/s10973-016-5348-3			1	1,953
104	Solid-state preformulation studies of amiodarone hydrochloride	Ledeti, Adriana; Vlase, Gabriela; Vlase, Titus; Bercean, Vasile; Murariu, Marius Sorin; Ledeti, Ionut; Suta, Lenuta-Maria	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2016	126	1	181	187		10.1007/s10973-016-5256-6			1	1,953
105	Sodium alendronate used in bone treatment	Doca, Sorin Cristian; Albu, Paul; Ceban, Iulia; Anghel, Andrei; Vlase, Gabriela; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2016	126	1	189	194		10.1007/s10973-016-5619-z			1	1,953

106	Thermoanalytical measurements conducted on repaglinide to estimate the kinetic triplet followed by compatibility studies between the antidiabetic agent and various excipients	Ceban, Iulia; Blajovan, Roxana; Vlase, Gabriela; Albu, Paul; Koppandi, Oana; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2016	126	1	195	204		10.1007/s10973-016-5729-7			1	1,953
107	Thermal behavior of phthalic anhydride-based polyesters. Part I. Influence of the polyol on the thermal stability	Vlase, Gabriela; Bolcu, Constantin; Modra, Dorina; Budiul, Mihaela Maria; Ledeti, Ionut; Albu, Paul; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2016	126	1	287	292		10.1007/s10973-016-5509-4		1	1	1,953
108	Thermal behavior of phthalic anhydride bases polyesters. Part II. Influence of the polyol by polyesters synthesized in microwave field	Vlase, Gabriela; Jurcau, Dorin; Ledeti, Adriana; Ceban, Iulia; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2016	126	1	293	298		10.1007/s10973-016-5679-0		1	1	1,953
109	Comparative Stability of Levodopa Under Thermal Stress in both Oxidative and Inert Media	Ledeti, Adriana; Vlase, Gabriela; Cirioban, Denisa; Ledeti, Ionut; Stelea, Lavinia; Vlase, Titus; Caunii, Angela	REVISTA DE CHIMIE	2016	67	12	264	265						1,232
110	Thermogravimetric characterization of styrene-divinylbenzene copolymers containing alpha-isopropylaminophosphonic acid groups	Popa, Adriana; Iliu, Gheorghe; Iliescu, Smaranda; Doca, Nicolae; Vlase, Titus; Vlase, Gabriela	INTERNATIONAL JOURNAL OF POLYMER ANALYSIS AND CHARACTERIZATION	2017	22	1	43	50		10.1080/1023666X.2016.1230262			1	1,515
111	Thermal behavior of saturated phthalic-type polyesters. Influence of the branching polyol	Vlase, Gabriela; Modra, Dorina; Albu, Paul; Ceban, Iulia; Bolcu, Constantin; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2017	127	1	409	414		10.1007/s10973-016-5667-4		1	1	1,953
112	Thermogravimetric and calorimetric studies performed on memantine hydrochloride to determine its thermal behaviour and possible drug-excipient interactions	Budiul, Mihaela; Albu, Paul; Vlase, Gabriela; Turcus, Violeta; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2017	127	1	555	564		10.1007/s10973-016-5600-x			1	1,953

113	Investigation of thermal-induced decomposition of iodoform	Ledeti, Ionut; Murariu, Marius; Vlase, Gabriela; Vlase, Titus; Doca, Nicolae; Ledeti, Adriana; Suta, Lenuta-Maria; Olariu, Tudor	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2017	127	1	565	570	10.1007/s10973-016-5368-z			1	1,953
114	Thermal behavior of sodium alendronate	Albu, Paul; Doca, Sorin Cristian; Anghel, Andrei; Vlase, Gabriela; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2017	127	1	571	576	10.1007/s10973-016-5745-7	1		1	1,953
115	Comparative Solid-State Stability of Perindopril Active Substance vs. Pharmaceutical Formulation	Buda, Valentina; Andor, Minodora; Ledeti, Adriana; Ledeti, Ionut; Vlase, Gabriela; Vlase, Titus; Cristescu, Carmen; Voicu, Mirela; Suciu, Liana; Tomescu, Mirela Cleopatra	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2017	18	1			10.3390/ijms18010164			1	3,226
116	Binary adduct formation of desipramine with dicarboxylic acids: An instrumental study	Ledeti, A., Vlase, G., Vlase, T., Circioban, D., Dehelean, C., Ledeti, I., Suta, L.-M.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2016-in press					DOI: 10.1007/s10973-016-5967-8			1	1,953
117	Kinetic study for solid-state degradation of mental disorder therapeutic agents: Amitriptyline, desipramine and imipramine	Ledeti, A., Vlase, G., Vlase, T., Circioban, D., Dehelean, C., Ledeti, I.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2016-in press					DOI:10.1007/s10973-016-6064-8			1	1,953
118	An extensive compatibility study of mycophenolate mofetil with different excipients by spectroscopic and thermoanalytical investigation techniques	Vlase, G., Budiul, M., Pătruțescu, C., Albu, P., Vlase, T.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2017-in press					DOI: 10.1007/s10973-017-6192-9		1	1	1,953
119	Evaluation of solid-state thermal stability of donepezil in binary mixtures with excipients using instrumental techniques	Ledeti, I., Bolintineanu, S., Vlase, G., Circioban, D., Dehelean, C., Suta, L.-M., Caunii, A., Ledeti, A., Vlase, T., Murariu,	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2017	130	1	425	431	DOI: 10.1007/s10973-017-6250-3			1	1,953

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120	Preformulation studies for nortriptyline: Solid-state compatibility with pharmaceutical excipients	Ledeți, I., Budiul, M., Matusz, P., Vlase, G., Circioban, D., Dehelean, C., Șuta, L.-M., Caunii, A., Ledeți, A., Vlase, T., Murariu, M., Bolintineanu, S.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2017-in press								DOI: 10.1007/s10973-017-6269-5		1	1,953
121	Synthesis and characterization of ZnAl ₂ O ₄ spinel from Zn(II) and Al(III) carboxylates	Grigorie, A.C., Muntean, C., Vlase, G., Ștefănescu, M.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2017-in press								DOI: 10.1007/s10973-017-6268-6		1	1,953
122	Study of thermally induced interaction between hydroxyethylcellulose and carboxymethylcellulose with different excipients	Vlase, G., Blajovan, R., Albu, P., Vlase, T.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2017	130	1	397	402				DOI: 10.1007/s10973-017-6309-1	1	1	1,953
123	Thermally induced interactions between adamantan-2-one and some pharmaceutical excipients	Vlase, G., Budiul, M., Vlase, T., Albu, P., Ledeți, A.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2017-in press								DOI: 10.1007/s10973-017-6332-2	1	1	1,953
124	Compatibility study between antiparkinsonian drug Levodopa and excipients by FTIR spectroscopy, X-ray diffraction and thermal analysis	Ledeți, I., Bolintineanu, S., Vlase, G., Circioban, D., Ledeți, A., Vlase, T., Suta, L.-M., Caunii, A., Murariu, M.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2017	130	1	433	441				DOI: 10.1007/s10973-017-6393-2		1	1,953
125	Thermal behavior and kinetic study of degradation for adamantan-2-one versus memantine hydrochloride	Mădălina MateescuMihaela BudiulPaul AlbuGabriela VlaseTitus Vlase	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2017	130	1	391	396				DOI: 10.1007/s10973-017-6443-9		1	1,953
126	Studies regarding the induced thermal degradation, kinetic analysis and possible interactions with various excipients of an osseointegration agent - zoledronic acid	Paul Albu, Mihaela Budiul, Mădălina Mateescu, Vlad Chiriac, Gabriela Vlase, Titus Vlase	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2017	130	1	403	411				DOI 10.1007/s10973-017-6537-4	1	1	1,953
127	Thermal and kinetics	Manuela Crisan,	JOURNAL OF THERMAL	Accep									1	1	1,953

ii. Lucrări științifice apărute în rezumat în volumele unor manifestări științifice internaționale

1. D.Tița, Gabriela Vlase, B.Tița, N.Doca*, Nicoleta Birta, T. Vlase, “Comparative kinetic study by decomposition of some diazepine derivates under isothermal and non-isothermal conditions”, ESTAC-9, European Symposium on Thermal Analysis and Calorimetry, 27-31 Aug.2006, KRACOW, Poland, p. 102, ISBN 83-89541-74-2
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iii. 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.
6. Act adițional 1/2001 la contract 6190/2000 GRANT tip T ANSTI, tema A1: Efectul de compensare și efectul de suport la descompunerea unor precursori, responsabil GRANT Vlase Titus.
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).
8. GRANT C.N.C.S.I.S. 32944 /2004, cod 869, „Stabilitatea termică a substanțelor de interes farmacologic și alimentar”
9. GRANT C.N.C.S.I.S. 2005, cod 869, „Stabilitatea termică a substanțelor de interes farmacologic și alimentar”.
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

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

1. Vlase, T., Jurca Gabriela and Doca, N., "Study of the support effect by non-isothermal kinetics. I. Decomposition of ammonium metavanadate supported on carborundum", Annals of West Univ. of Timișoara, 6 (1997), 119-128
2. Vlase, T., Jurca Gabriela and Doca, N, "Study of the support effect by non-isothermal kinetics. II. Decomposition of ammonium metavanadate supported on silica", Annals of West Univ. of Timișoara, 6 (1997), 129-136

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6. Vlase, T., Tudose, Ramona, Jurca Gabriela, Costișor Otilia and Doca, N., "Non-isothermal decomposition kinetics of some complexes I. Thermal behavior of complexes containing Mannich-basis as ligands", *Annals of West Univ. of Timișoara, Ser. Chem.*, 7 (1998), 23-30
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10. Vlase, T., Vlase, G., Doca, N., "Specificity of energy transfer by non-isothermal conditions", *Annals of West University of Timișoara, ser. chem*, 11(1) (2002) 27 – 36
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